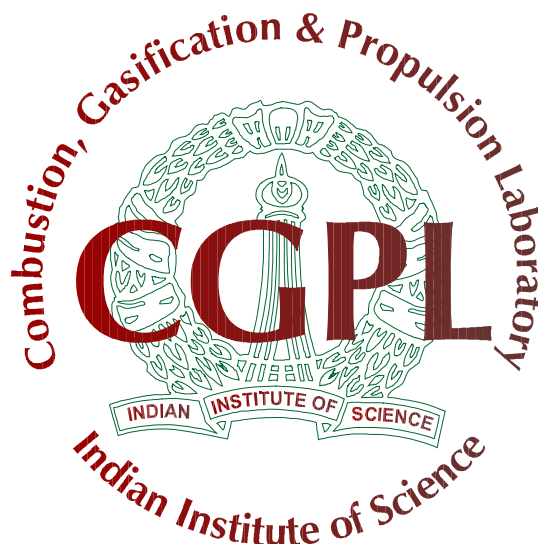


Biomass Mapping for Power Generation in Selected States

Biomass Manual



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Biomass Assessment for Gujarat for Kharif, Rabi, Yearly, Agro, Forest and Wastelands



Biomass Assessment for Gujarat

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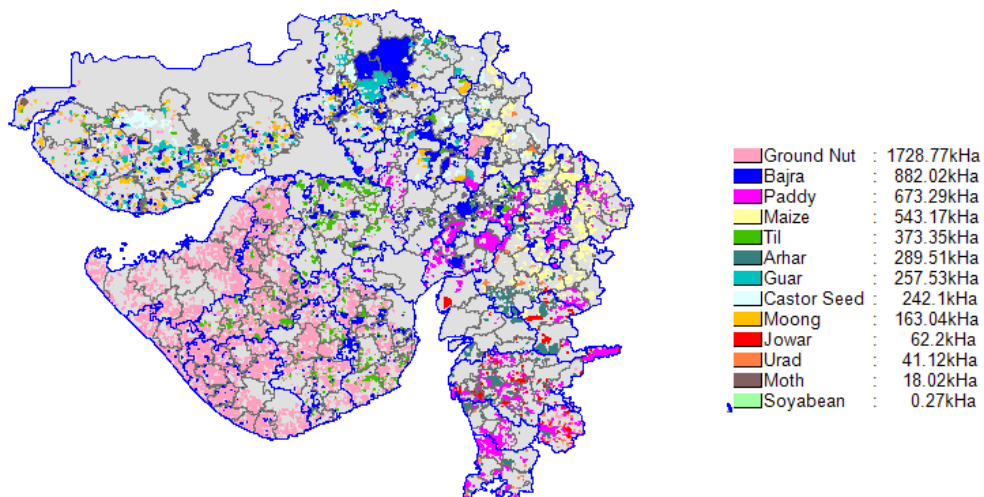
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Kharif

Gujarat-Kharif



State Level Residue Wise

State level Residue-wise Data for Gujarat; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	242.1	328.8	1317.7	658.8	85.6
Groundnut	Stalks	1728.8	1678.0	3354.7	335.5	43.6
Groundnut	Shell	1728.8	1678.0	503.2	352.2	42.3
Bajra	Stalks	882.0	1124.2	2250.8	225.1	29.3
Paddy	Straw	673.3	1367.7	2050.5	205.0	24.6
Maize	Stalks	543.2	940.9	1880.4	188.0	24.4
Bajra	Cobs	882.0	1124.2	371.4	185.7	24.1
Paddy	Husk	673.3	1367.7	273.4	218.7	24.1
Maize	Cobs	543.2	940.9	282.1	141.0	19.7
Guar	Stalks	257.5	88.2	177.5	124.3	17.4
Bajra	Husk	882.0	1124.2	337.6	84.4	10.1
Arhar	Stalks	289.5	203.1	506.3	50.6	6.6
Til	Stalks	373.4	179.7	449.6	45.0	5.8

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jowar	Stalks	62.2	83.4	141.4	28.3	3.7
Arhar	Husk	289.5	203.1	60.8	30.4	3.6
Castorseed	Husk	242.1	328.8	32.9	16.5	2.0
Urad	Stalks	41.1	20.4	22.4	11.2	1.5
Jowar	Cobs	62.2	83.4	41.6	8.3	1.2
Jowar	Husk	62.2	83.4	16.6	8.3	1.00
Moong	Stalks	163.0	52.8	57.6	5.8	0.75
Urad	Husk	41.1	20.4	4.1	2.0	0.24
Moth	Stalks	18.0	9.9	17.8	1.8	0.23
Moong	Husk	163.0	52.8	7.9	0.79	0.094
Others	Others	0.28	0.28	0.47	0.094	0.012
Total		5274.4	6077.4	14158.7	2927.9	372.0

State Level District Wise

State level District-wise Data for Gujarat ; Season : Kharif					
District	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banaskantha	465.1	354.0	1024.2	335.6	44.0
Kachchh	468.6	358.9	993.1	330.1	43.0
Rajkot	490.1	599.7	1410.4	244.1	30.6
Junagadh	433.0	412.5	963.3	170.5	21.4
Sabarkantha	297.1	306.4	762.5	156.2	20.5
Panchmahal	230.4	398.8	870.6	137.4	17.7
Bhavnagar	290.0	339.6	834.1	137.8	17.5
Amreli	402.3	329.1	785.6	133.0	16.8
Dahod	192.4	379.0	811.5	128.5	16.7
Gandhinagar	84.3	143.4	388.5	124.1	15.9
Kheda	207.8	368.2	757.9	127.5	15.6
Mahesana	136.8	112.2	338.2	116.3	15.2
Patan	142.2	123.6	366.9	116.5	15.2
Surat	169.7	347.9	662.5	122.7	14.7
Surendranagar	221.8	251.4	644.3	101.1	12.9
Vadodara	236.1	264.1	593.8	97.1	12.4
Jamnagar	204.1	175.5	404.7	72.1	9.0

District	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Ahmedabad	133.5	149.8	289.8	50.1	6.0
Valsad	70.5	153.1	262.4	48.6	5.6
Anand	104.0	146.9	251.1	45.7	5.3
Navsari	63.2	138.1	236.8	43.7	5.1
Porbander	82.9	78.4	182.8	32.4	4.1
Narmada	56.2	61.8	138.1	23.5	3.0
Bharuch	60.0	53.8	124.5	20.8	2.6
The dangs	32.3	30.9	61.1	12.3	1.5
Total	5274.4	6077.4	14158.7	2927.9	372.0

State Level Taluk Wise

State level Taluk-wise Data for Gujarat ; Season : Kharif						
District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kachchh	Bhuj	135.6	123.8	418.9	180.1	23.5
Banaskantha	Vav	49.4	38.3	139.9	70.2	9.2
Banaskantha	Bhabhar	36.8	36.7	141.0	68.9	8.9
Banaskantha	Deesa	145.8	142.2	374.7	62.9	8.1
Gandhinagar	Gandhinagar	29.6	49.6	154.8	54.0	7.0
Rajkot	Morvi	103.4	122.9	285.1	49.8	6.2
Banaskantha	Kankrej	78.2	27.3	61.6	40.5	5.6
Rajkot	Tankara	56.2	93.3	235.4	40.0	5.1
Kachchh	Abadasa	62.2	46.6	125.3	38.3	5.0
Kachchh	Nakhtrana	67.7	58.1	149.4	38.2	5.0
Gandhinagar	Dehgam	26.6	54.7	121.0	37.9	4.8
Mahesana	Vijapur	18.9	22.3	82.7	36.0	4.7
Sabarkantha	Khedbrahma	59.7	73.3	176.5	32.6	4.3
Navsari	Chikhli	49.2	117.4	198.9	36.7	4.2
Sabarkantha	Himatnagar	65.9	80.5	191.8	31.7	4.2
Patan	Harij	36.9	34.9	106.0	31.6	4.1
Bhavnagar	Gariadhar	37.4	72.2	188.4	31.6	4.0
Panchmahal	Santrampur	44.6	86.2	196.7	30.0	4.0
Amreli	Khambha	42.9	69.8	182.0	30.4	3.9
Valsad	Valsad	44.1	106.6	181.3	33.1	3.8

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kheda	Thasara	54.3	100.6	183.8	32.2	3.8
Patan	Santalpur	24.2	22.2	72.7	28.4	3.7
Gandhinagar	Mansa	18.8	28.6	86.5	28.0	3.6
Dahod	Devgadhbaria	39.9	77.0	176.6	26.9	3.6
Banaskantha	Dantiwada	11.6	13.2	53.0	26.7	3.5
Banaskantha	Deodar	62.2	60.9	160.4	26.8	3.4
Sabarkantha	Malpur	25.1	15.6	52.8	25.8	3.3
Surendranagar	Vadhvan	35.6	58.9	153.9	25.3	3.2
Dahod	Limkheda	36.4	71.2	156.1	24.4	3.2
Rajkot	Gondal	58.8	64.2	148.9	25.4	3.2
Mahesana	Visnagar	16.7	15.8	57.8	24.4	3.2
Surendranagar	Dhrangadhra	45.2	57.1	148.0	23.5	3.0
Panchmahal	Godhara	39.4	79.9	143.4	25.3	3.0
Kheda	Mahemdabad	39.2	51.7	135.6	22.5	2.9
Ahmedabad	Viramgam	63.8	80.3	136.1	24.8	2.9
Mahesana	Kheralu	7.8	10.6	43.8	21.9	2.8
Anand	Anand	40.0	79.6	135.3	24.7	2.8
Junagadh	Una	59.3	54.9	127.4	22.6	2.8
Mahesana	Mahesana	48.5	39.0	100.2	21.3	2.8
Patan	Sami	19.3	14.5	43.9	19.8	2.6
Kheda	Matar	36.1	70.4	124.1	22.2	2.6
Panchmahal	Morva	27.9	53.9	123.0	18.8	2.5
Bhavnagar	Talaja	48.1	49.1	116.6	19.7	2.5
Dahod	Jhalod	30.3	61.2	120.1	20.0	2.5
Surat	Mangrol	27.3	62.9	115.3	21.1	2.5
Surendranagar	Halvad	31.1	44.9	116.5	18.9	2.4
Amreli	Amreli	65.2	47.1	108.0	19.2	2.4
Rajkot	Jasdan	43.5	48.1	112.4	19.1	2.4
Kachchh	Mandvi	38.4	25.3	61.8	18.0	2.4
Rajkot	Lodhika	36.3	45.4	104.4	18.6	2.3
Junagadh	Maliya	43.6	44.4	105.2	18.5	2.3
Dahod	Ghoghamba	27.7	56.0	108.1	18.2	2.2
Kheda	Virpur	18.9	46.9	109.4	16.7	2.2
Panchmahal	Shahera	43.2	46.0	116.5	17.2	2.2
Surat	Nizar	22.4	59.1	102.9	18.9	2.2
Patan	Radhanpur	28.8	23.0	62.0	16.3	2.1
Bhavnagar	Mahuva	49.5	44.9	105.9	16.8	2.1

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Porbander	Porbandar	44.3	41.1	95.3	16.9	2.1
Dahod	Fatepura	23.4	45.3	103.0	15.8	2.1
Rajkot	Rajkot	34.2	41.1	94.8	16.7	2.1
Sabarkantha	Modasa	25.4	30.7	76.0	15.6	2.1
Rajkot	Jetpur	33.3	40.4	94.8	16.4	2.1
Banaskantha	Amirgadh	27.9	11.8	32.7	15.0	2.0
Amreli	Savarkundla	54.5	39.8	93.1	15.7	2.0
Dahod	Dhanpur	21.9	42.4	96.1	14.7	2.0
Kachchh	Rapar	42.5	27.5	62.6	14.8	2.0
Junagadh	Manavadar	40.6	37.8	87.7	15.6	1.9
Narmada	Nandod	31.9	42.3	88.0	15.4	1.9
Vadodara	Karjan	50.2	38.0	105.3	15.1	1.9
Junagadh	Visavadar	38.3	36.4	84.9	15.0	1.9
Vadodara	Chhota-Udepur	24.1	39.1	90.0	14.1	1.9
Banaskantha	Tharad	34.7	15.6	37.8	14.4	1.9
Surat	Mandvi	17.6	29.2	66.5	14.3	1.8
Surat	Choryasi	18.9	42.0	79.2	15.1	1.8
Sabarkantha	Prantij	40.8	32.6	75.8	14.4	1.8
Vadodara	Naswadi	39.4	49.0	85.3	15.3	1.8
Surat	Kamrej	32.6	42.2	89.8	14.7	1.8
Kheda	Mahudha	24.2	47.6	84.3	14.9	1.7
Surat	Valod	17.1	48.1	82.0	15.0	1.7
Sabarkantha	Idar	38.4	26.6	74.2	13.4	1.7
Panchmahal	Halol	22.8	35.4	82.7	12.8	1.7
Kachchh	Bhachau	45.6	28.3	61.1	12.7	1.7
Vadodara	Savli	35.0	35.5	76.1	13.2	1.6
Amreli	Dhari	43.5	32.1	74.6	13.0	1.6
Junagadh	Bhesan	34.5	31.4	72.5	12.9	1.6
Panchmahal	Lunawada	20.0	39.5	77.9	13.0	1.6
Junagadh	Junagadh	31.7	30.6	71.8	12.7	1.6
Bhavnagar	Gadhada	31.3	30.9	72.2	12.5	1.6
Jamnagar	Jamnagar	35.5	30.5	70.3	12.5	1.6
Rajkot	Dhoraji	26.4	31.0	71.4	12.5	1.6
Amreli	Rajula	41.9	30.5	70.1	12.4	1.5
Thehangs	Dangs	32.3	30.9	61.1	12.3	1.5
Jamnagar	Kalavad	34.2	29.4	67.7	12.1	1.5
Ahmedabad	Bavla	31.3	28.1	73.6	11.7	1.5

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sabarkantha	Bhiloda	22.3	27.0	63.7	11.1	1.5
Amreli	Babra	36.4	28.0	65.8	11.4	1.4
Bhavnagar	Bhavnagar	15.8	25.7	65.8	11.1	1.4
Junagadh	Keshod	28.2	27.2	63.6	11.2	1.4
Junagadh	Vanthali	27.2	26.8	63.1	11.1	1.4
Junagadh	Mangrol	29.3	26.9	62.3	11.1	1.4
Rajkot	Paddhari	24.5	27.5	63.7	11.0	1.4
Patan	Vagdod	25.8	22.5	59.9	10.7	1.4
Surendranagar	Muli	33.0	28.7	70.4	10.8	1.4
Kachchh	Anjar	28.1	17.5	41.0	10.4	1.4
Junagadh	Kodinar	27.4	26.2	61.3	10.8	1.4
Panchmahal	Kadana	17.5	28.3	65.9	10.2	1.4
Mahesana	Kadi	29.3	17.2	38.7	10.1	1.3
Bhavnagar	Shihor	24.3	25.5	60.8	10.3	1.3
Bhavnagar	Umarala	18.5	25.1	64.4	10.0	1.3
Junagadh	Veraval	25.9	24.4	56.9	10.1	1.3
Vadodara	Dabhoi	28.9	23.9	61.8	9.8	1.3
Porbander	Kutiyana	26.0	23.9	55.4	9.8	1.2
Anand	Tarapur	20.3	34.2	58.2	10.6	1.2
Amreli	Lathi	46.2	29.1	70.4	9.4	1.2
Kheda	Kathlal	17.5	22.7	59.4	9.3	1.2
Vadodara	Sankheda	20.7	21.8	50.2	9.1	1.2
Vadodara	Jetpur-Pavi	16.8	26.3	57.6	9.0	1.2
Rajkot	Vankaner	19.8	22.7	52.6	9.1	1.1
Surendranagar	Dasada	32.0	24.1	60.8	8.7	1.1
Bhavnagar	Botad	24.1	22.9	54.4	8.8	1.1
Bhavnagar	Vallabhipur	16.2	20.8	51.7	8.6	1.1
Jamnagar	Jamjodhpur	24.3	20.9	48.1	8.6	1.1
Amreli	Liliya	27.3	19.9	45.6	8.1	1.0
Jamnagar	Okhamandal	22.5	19.4	44.6	8.0	0.99
Patan	Chanasma	4.3	4.6	16.8	7.6	0.99
Surat	Bardoli	10.5	26.3	46.5	8.5	0.99
Junagadh	Talala	20.7	19.1	44.1	7.8	0.98
Anand	Khambhat	39.2	26.4	46.0	8.3	0.97
Amreli	Bagasara	26.1	18.9	43.3	7.7	0.96
Jamnagar	Jodiya	21.2	18.2	41.9	7.5	0.93
Rajkot	Kotdasangani	14.6	18.0	42.3	7.3	0.92

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Rajkot	Upleta	15.8	18.0	41.7	7.2	0.90
Valsad	Kaprada	11.0	22.8	39.1	7.3	0.85
Jamnagar	Dhrol	19.3	16.6	38.2	6.8	0.85
Kachchh	Mundra	18.1	13.2	29.0	6.4	0.84
Ahmedabad	Mandal	18.4	23.1	39.2	7.1	0.82
Banaskantha	Danta	12.1	4.7	12.4	5.9	0.81
Kheda	Balasinor	10.9	19.6	39.7	6.4	0.79
Dahod	Garbada	9.1	18.1	36.9	6.0	0.76
Junagadh	Sutrapada	15.8	14.7	34.1	6.0	0.76
Bharuch	Bharuch	14.4	18.2	34.9	6.3	0.75
Vadodara	Vaghodiya	10.1	14.6	32.3	5.6	0.74
Rajkot	Jamkandorna	12.6	14.6	34.2	5.9	0.74
Panchmahal	Khanpur	8.2	16.0	35.6	5.5	0.73
Jamnagar	Bhanvad	16.5	14.2	32.7	5.8	0.73
Amreli	Jafrabad	18.2	13.9	32.3	5.7	0.71
Porbander	Ranavav	12.5	13.4	32.2	5.6	0.71
Narmada	Dediapada	18.1	12.7	34.6	5.4	0.69
Kachchh	Gandhidham	2.0	2.5	9.9	4.9	0.63
Rajkot	Maliya	10.8	12.4	28.8	5.0	0.63
Junagadh	Mendarda	10.4	11.7	28.2	4.9	0.62
Bharuch	Valiya	17.8	11.7	32.4	4.8	0.61
Jamnagar	Khambhaliya	13.5	11.6	26.8	4.8	0.60
Bhavnagar	Palitana	15.5	13.5	32.6	4.7	0.60
Bharuch	Jambusar	8.9	12.0	23.6	4.8	0.59
Valsad	Umargaon	8.3	14.2	24.2	4.9	0.57
Banaskantha	Palanpur	3.5	2.4	8.4	4.1	0.53
Gandhinagar	Kalol	9.3	10.5	26.2	4.2	0.53
Sabarkantha	Talod	6.3	6.6	18.5	4.1	0.53
Surendranagar	Sayla	6.5	9.6	24.6	4.0	0.52
Surendranagar	Limbdi	16.2	11.5	27.9	4.0	0.51
Jamnagar	Kalyanpur	11.4	9.8	22.6	4.0	0.50
Navsari	Jalalpur	10.0	11.5	22.0	4.1	0.49
Surendranagar	Chuda	7.6	9.3	24.1	3.8	0.49
Surat	Sonagadh	5.9	9.1	20.0	3.8	0.48
Sabarkantha	Bayad	6.6	8.2	19.4	3.4	0.46
Bhavnagar	Ghogha	9.4	9.1	21.3	3.6	0.45
Kachchh	Lakhpat	13.3	8.0	18.0	3.4	0.44

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Surat	Vyara	5.2	9.5	18.7	3.4	0.41
Vadodara	Padra	5.5	7.8	17.0	3.0	0.40
Panchmahal	Jambughoda	4.6	9.0	19.4	3.1	0.40
Kachchh	Rann-Of-Kachchh	15.0	8.0	16.0	2.9	0.39
Bharuch	Hansot	11.8	7.4	20.8	3.0	0.38
Kheda	Kapadvanj	5.3	6.6	16.4	2.4	0.31
Dahod	Dahod	3.8	7.8	14.7	2.5	0.30
Ahmedabad	Dholka	5.2	5.7	14.2	2.4	0.30
Surat	Uchchhal	3.5	5.7	12.1	2.3	0.29
Mahesana	Becharaji	6.2	3.9	10.6	2.1	0.28
Jamnagar	Lalpur	5.9	5.0	11.6	2.1	0.26
Surat	Surat City	2.7	3.7	8.8	1.8	0.23
Sabarkantha	Meghraj	0.95	0.83	3.4	1.7	0.22
Ahmedabad	Ranpur	3.8	4.2	10.1	1.7	0.22
Vadodara	Vadodara	3.0	4.1	8.8	1.6	0.21
Valsad	Dharampur	4.8	4.9	10.0	1.8	0.21
Narmada	Sagbara	2.9	4.3	9.1	1.6	0.20
Panchmahal	Kalol(Panchmahals)	2.4	4.7	9.6	1.6	0.20
Navsari	Gandevi	2.2	5.5	9.3	1.7	0.19
Bharuch	Jhaghadia	6.0	3.8	10.6	1.5	0.19
Vadodara	Kawant	2.4	4.1	9.3	1.4	0.19
Ahmedabad	Sanand	8.8	5.5	11.7	1.5	0.18
Surat	Mahuva	2.0	3.6	7.5	1.5	0.18
Valsad	Pardi	2.3	4.6	7.7	1.5	0.18
Surat	Umarpada	1.9	4.3	7.8	1.4	0.17
Narmada	Tilakwada	3.2	2.5	6.5	1.2	0.15
Surendranagar	Chotila	5.8	3.5	8.3	1.1	0.14
Anand	Borsad	2.4	3.9	6.7	1.2	0.14
Patan	Sidhpur	1.5	1.0	3.0	1.1	0.14
Surendranagar	Lakhtar	8.6	3.9	9.7	1.1	0.14
Sabarkantha	Vadali	3.6	2.0	4.2	1.1	0.14
Navsari	Navsari	1.5	3.7	6.2	1.1	0.13
Patan	Patan	1.2	0.82	2.2	0.90	0.12
Sabarkantha	Malpurmulpur	1.7	2.1	4.9	0.75	0.10
Kheda	Nadiad	1.2	1.6	4.0	0.64	0.082
Surat	Palsana	1.5	1.5	3.7	0.61	0.077
Sabarkantha	Vijaynagar	0.30	0.27	1.1	0.55	0.071

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Ahmedabad	Daskroi	1.4	1.8	3.1	0.56	0.064
Mahesana	Satlasana	9.4	3.3	4.6	0.46	0.059
Anand	Anklav	1.1	1.5	2.6	0.48	0.055
Bharuch	Ankleshwar	1.1	0.82	2.2	0.36	0.046
Surat	Olpad	0.56	0.73	1.7	0.31	0.039
Ahmedabad	Detroj-Rampur	0.80	1.0	1.7	0.31	0.036
Anand	Umreth	0.45	0.90	1.5	0.28	0.032
Banaskantha	Vadgam	2.4	0.81	2.0	0.20	0.026
Kheda	Kheda	0.18	0.49	1.1	0.17	0.023
Anand	Petlad	0.43	0.40	0.68	0.12	0.014
Amreli	Vadia	0.13	0.17	0.42	0.071	0.0091
Patan	Unjha	0.18	0.16	0.41	0.069	0.0089
Navsari	Vansda	0.22	0.11	0.32	0.045	0.0057
Banaskantha	Dhanera	0.45	0.15	0.38	0.038	0.0050
Anand	Sojitra	0.039	0.0021	0.0052	0.00089	0.00011
Vadodara	Shinor	0.00089	0.0015	0.0034	0.00052	7.00E-05
Total		5274.4	6077.4	14158.7	2927.9	372.0

District Level Residue Wise

District level Residue-wise Data for Ahmedabad; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	87.8	110.6	165.4	16.5	2.0
Paddy	Husk	87.8	110.6	22.1	17.6	1.9
Bajra	Stalks	30.4	32.3	64.8	6.5	0.84
Bajra	Cobs	30.4	32.3	10.7	5.3	0.70
Bajra	Husk	30.4	32.3	9.7	2.4	0.29
Til	Stalks	15.3	6.9	17.1	1.7	0.22
Total		133.5	149.8	289.8	50.1	6.0

District level Residue-wise Data for Amreli; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	317.7	228.7	455.5	45.6	5.9
Groundnut	Shell	317.7	228.7	68.3	47.8	5.7
Bajra	Stalks	41.1	76.0	152.2	15.2	2.0
Bajra	Cobs	41.1	76.0	25.1	12.6	1.6
Til	Stalks	43.6	24.4	61.6	6.2	0.80
Bajra	Husk	41.1	76.0	22.8	5.7	0.69
Total		402.3	329.1	785.6	133.0	16.8

District level Residue-wise Data for Anand; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	73.2	145.7	218.5	21.8	2.6
Paddy	Husk	73.2	145.7	29.1	23.3	2.6
Others	Others	30.8	1.2	3.5	0.58	0.075
Total		104.0	146.9	251.1	45.7	5.3

District level Residue-wise Data for Banaskantha; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	70.2	90.6	362.7	181.3	23.6
Guar	Stalks	124.6	39.9	81.0	56.7	7.9
Bajra	Stalks	206.9	202.7	406.3	40.6	5.3
Bajra	Cobs	206.9	202.7	67.0	33.5	4.4
Bajra	Husk	206.9	202.7	60.9	15.2	1.8
Castorseed	Husk	70.2	90.6	9.1	4.5	0.54
Til	Stalks	26.8	9.1	22.7	2.3	0.30
Moong	Stalks	36.7	11.7	12.8	1.3	0.17
Others	Others	0	0	1.7	0.17	0.021
Total		465.1	354.0	1024.2	335.6	44.0

District level Residue-wise Data for Bharuch; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Arhar	Stalks	39.2	24.7	61.9	6.2	0.80
Arhar	Husk	39.2	24.7	7.4	3.7	0.45
Paddy	Straw	13.6	21.1	31.6	3.2	0.38
Paddy	Husk	13.6	21.1	4.2	3.4	0.37
Jowar	Stalks	7.2	8.1	13.7	2.7	0.36
Jowar	Cobs	7.2	8.1	4.0	0.81	0.11
Jowar	Husk	7.2	8.1	1.6	0.81	0.097
Total		60.0	53.8	124.5	20.8	2.6

District level Residue-wise Data for Bhavnagar; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	170.2	158.3	315.0	31.5	4.1
Groundnut	Shell	170.2	158.3	47.2	33.1	4.0
Bajra	Stalks	72.6	147.4	294.3	29.4	3.8
Bajra	Cobs	72.6	147.4	48.6	24.3	3.2
Bajra	Husk	72.6	147.4	44.1	11.0	1.3
Til	Stalks	47.1	33.9	85.0	8.5	1.1
Total		290.0	339.6	834.1	137.8	17.5

District level Residue-wise Data for Dahod; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	145.3	280.5	559.8	56.0	7.3
Maize	Cobs	145.3	280.5	84.0	42.0	5.9
Paddy	Straw	46.8	98.3	147.5	14.8	1.8
Paddy	Husk	46.8	98.3	19.7	15.7	1.7
Others	Others	0.30	0.23	0.63	0.090	0.011
Total		192.4	379.0	811.5	128.5	16.7

District level Residue-wise Data for Gandhinagar; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	17.5	39.8	159.3	79.7	10.4
Bajra	Stalks	29.0	48.5	97.0	9.7	1.3
Bajra	Cobs	29.0	48.5	16.0	8.0	1.0
Paddy	Straw	14.0	45.1	67.6	6.8	0.81
Paddy	Husk	14.0	45.1	9.0	7.2	0.79
Guar	Stalks	10.5	3.3	6.5	4.6	0.64
Bajra	Husk	29.0	48.5	14.5	3.6	0.44
Castorseed	Husk	17.5	39.8	4.0	2.0	0.24
Jowar	Stalks	3.7	3.7	6.3	1.3	0.16
Others	Others	9.5	3.1	6.4	0.93	0.12
Jowar	Cobs	3.7	3.7	1.9	0.37	0.052
Total		84.3	143.4	388.5	124.1	15.9

District level Residue-wise Data for Jamnagar; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	204.1	175.5	351.8	35.2	4.6
Groundnut	Shell	204.1	175.5	52.8	36.9	4.4
Others	Others	0.054	0.024	0.060	0.0060	0.00078
Total		204.1	175.5	404.7	72.1	9.0

District level Residue-wise Data for Junagadh; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	413.1	371.8	744.4	74.4	9.7
Groundnut	Shell	413.1	371.8	111.7	78.2	9.4
Bajra	Stalks	19.9	40.7	81.6	8.2	1.1
Bajra	Cobs	19.9	40.7	13.5	6.7	0.88
Bajra	Husk	19.9	40.7	12.2	3.1	0.37
Total		433.0	412.5	963.3	170.5	21.4

District level Residue-wise Data for Kachchh; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	70.9	98.5	395.0	197.5	25.7
Guar	Stalks	95.2	31.4	62.7	43.9	6.1
Groundnut	Stalks	65.3	92.0	184.5	18.5	2.4
Groundnut	Shell	65.3	92.0	27.7	19.4	2.3
Bajra	Stalks	89.5	82.4	165.4	16.5	2.2
Bajra	Cobs	89.5	82.4	27.3	13.6	1.8
Bajra	Husk	89.5	82.4	24.8	6.2	0.74
Castorseed	Husk	70.9	98.5	9.9	4.9	0.59
Til	Stalks	45.1	17.6	44.4	4.4	0.58
Moong	Stalks	84.6	27.1	29.5	3.0	0.38
Moth	Stalks	18.0	9.9	17.8	1.8	0.23
Others	Others	0	0	4.0	0.40	0.048
Total		468.6	358.9	993.1	330.1	43.0

District level Residue-wise Data for Kheda; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	101.5	202.0	302.8	30.3	3.6
Paddy	Husk	101.5	202.0	40.4	32.3	3.6
Bajra	Stalks	59.4	78.5	156.7	15.7	2.0
Maize	Stalks	24.7	68.9	137.8	13.8	1.8
Bajra	Cobs	59.4	78.5	25.9	12.9	1.7
Maize	Cobs	24.7	68.9	20.7	10.3	1.4
Bajra	Husk	59.4	78.5	23.5	5.9	0.71
Arhar	Stalks	10.1	10.6	26.5	2.6	0.34
Til	Stalks	12.1	8.2	20.6	2.1	0.27
Arhar	Husk	10.1	10.6	3.2	1.6	0.19
Total		207.8	368.2	757.9	127.5	15.6

District level Residue-wise Data for Mahesana; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	28.9	39.4	157.9	78.9	10.3
Guar	Stalks	14.4	7.2	14.5	10.1	1.4
Bajra	Stalks	58.7	51.1	102.3	10.2	1.3
Bajra	Cobs	58.7	51.1	16.9	8.4	1.1
Bajra	Husk	58.7	51.1	15.3	3.8	0.46
Til	Stalks	13.8	7.5	18.6	1.9	0.24
Castorseed	Husk	28.9	39.4	3.9	2.0	0.24
Moong	Stalks	20.9	7.1	7.8	0.78	0.10
Others	Others	0	0	1.1	0.11	0.013
Total		136.8	112.2	338.2	116.3	15.2

District level Residue-wise Data for Narmada; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Arhar	Stalks	23.6	14.8	37.3	3.7	0.48
Jowar	Stalks	9.3	10.5	17.7	3.5	0.46
Maize	Stalks	9.7	15.5	31.0	3.1	0.40
Paddy	Straw	13.6	21.1	31.6	3.2	0.38
Paddy	Husk	13.6	21.1	4.2	3.4	0.37
Maize	Cobs	9.7	15.5	4.6	2.3	0.32
Arhar	Husk	23.6	14.8	4.5	2.2	0.27
Jowar	Cobs	9.3	10.5	5.2	1.0	0.15
Jowar	Husk	9.3	10.5	2.1	1.0	0.13
Total		56.2	61.8	138.1	23.5	3.0

District level Residue-wise Data for Navsari; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	54.1	133.2	199.6	20.0	2.4
Paddy	Husk	54.1	133.2	26.6	21.3	2.3
Urad	Stalks	3.7	2.1	2.3	1.1	0.15

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Arhar	Stalks	5.4	2.8	7.1	0.71	0.092
Arhar	Husk	5.4	2.8	0.85	0.42	0.051
Others	Others	0	0	0.41	0.21	0.025
Total		63.2	138.1	236.8	43.7	5.1

District level Residue-wise Data for Panchmahal; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	136.1	262.6	524.2	52.4	6.8
Maize	Cobs	136.1	262.6	78.6	39.3	5.5
Paddy	Straw	48.4	101.6	152.4	15.2	1.8
Paddy	Husk	48.4	101.6	20.3	16.3	1.8
Arhar	Stalks	34.8	26.1	64.9	6.5	0.84
Arhar	Husk	34.8	26.1	7.8	3.9	0.47
Bajra	Stalks	11.2	8.5	17.0	1.7	0.22
Bajra	Cobs	11.2	8.5	2.8	1.4	0.18
Bajra	Husk	11.2	8.5	2.6	0.64	0.077
Total		230.4	398.8	870.6	137.4	17.7

District level Residue-wise Data for Patan; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	26.1	35.6	142.6	71.3	9.3
Bajra	Stalks	87.9	76.5	153.1	15.3	2.0
Bajra	Cobs	87.9	76.5	25.3	12.6	1.6
Guar	Stalks	12.8	6.4	12.9	9.0	1.3
Bajra	Husk	87.9	76.5	23.0	5.7	0.69
Castorseed	Husk	26.1	35.6	3.6	1.8	0.21
Moong	Stalks	15.3	5.2	5.7	0.57	0.074
Others	Others	0	0	0.78	0.078	0.0093
Total		142.2	123.6	366.9	116.5	15.2

District level Residue-wise Data for Porbander; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	79.5	71.6	143.3	14.3	1.9
Groundnut	Shell	79.5	71.6	21.5	15.0	1.8
Bajra	Stalks	3.3	6.9	13.7	1.4	0.18
Bajra	Cobs	3.3	6.9	2.3	1.1	0.15
Bajra	Husk	3.3	6.9	2.1	0.51	0.062
Total		82.9	78.4	182.8	32.4	4.1

District level Residue-wise Data for Rajkot; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	394.9	493.7	987.4	98.7	12.8
Groundnut	Shell	394.9	493.7	148.1	103.7	12.4
Bajra	Stalks	39.1	80.2	160.6	16.1	2.1
Bajra	Cobs	39.1	80.2	26.5	13.2	1.7
Til	Stalks	56.1	25.8	63.8	6.4	0.83
Bajra	Husk	39.1	80.2	24.1	6.0	0.72
Total		490.1	599.7	1410.4	244.1	30.6

District level Residue-wise Data for Sabarkantha; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	28.4	25.0	100.2	50.1	6.5
Maize	Stalks	161.9	204.0	408.7	40.9	5.3
Maize	Cobs	161.9	204.0	61.3	30.7	4.3
Groundnut	Stalks	39.8	31.9	63.8	6.4	0.83
Groundnut	Shell	39.8	31.9	9.6	6.7	0.80
Arhar	Stalks	32.9	20.4	51.0	5.1	0.66
Bajra	Stalks	18.6	20.0	40.0	4.0	0.52
Bajra	Cobs	18.6	20.0	6.6	3.3	0.43
Arhar	Husk	32.9	20.4	6.1	3.1	0.37

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Urad	Stalks	15.5	5.1	5.6	2.8	0.36
Bajra	Husk	18.6	20.0	6.0	1.5	0.18
Castorseed	Husk	28.4	25.0	2.5	1.3	0.15
Urad	Husk	15.5	5.1	1.0	0.51	0.061
Total		297.1	306.4	762.5	156.2	20.5

District level Residue-wise Data for Surat; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	91.3	258.4	387.7	38.8	4.7
Paddy	Husk	91.3	258.4	51.7	41.4	4.5
Jowar	Stalks	29.8	47.6	80.8	16.2	2.1
Arhar	Stalks	37.6	26.0	64.7	6.5	0.84
Jowar	Cobs	29.8	47.6	23.8	4.8	0.67
Jowar	Husk	29.8	47.6	9.5	4.8	0.57
Arhar	Husk	37.6	26.0	7.8	3.9	0.47
Groundnut	Stalks	11.0	15.9	31.8	3.2	0.41
Groundnut	Shell	11.0	15.9	4.8	3.3	0.40
Total		169.7	347.9	662.5	122.7	14.7

District level Residue-wise Data for Surendranagar; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	83.6	171.5	343.3	34.3	4.5
Bajra	Cobs	83.6	171.5	56.6	28.3	3.7
Bajra	Husk	83.6	171.5	51.5	12.9	1.5
Til	Stalks	109.4	44.8	112.4	11.2	1.5
Groundnut	Stalks	28.8	35.1	70.0	7.0	0.91
Groundnut	Shell	28.8	35.1	10.5	7.4	0.88
Total		221.8	251.4	644.3	101.1	12.9

District level Residue-wise Data for The dangs; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	14.1	16.2	24.2	2.4	0.29
Paddy	Husk	14.1	16.2	3.2	2.6	0.28
Jowar	Stalks	5.5	6.3	10.7	2.1	0.28
Urad	Stalks	4.0	2.0	2.2	1.1	0.14
Groundnut	Stalks	4.3	3.6	7.2	0.72	0.093
Groundnut	Shell	4.3	3.6	1.1	0.76	0.091
Jowar	Cobs	5.5	6.3	3.2	0.63	0.088
Arhar	Stalks	4.1	2.6	6.5	0.65	0.084
Others	Others	0.28	0.28	1.6	0.68	0.082
Jowar	Husk	5.5	6.3	1.3	0.63	0.076
Total		32.3	30.9	61.1	12.3	1.5

District level Residue-wise Data for Vadodara; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	65.5	109.4	218.9	21.9	2.8
Arhar	Stalks	95.7	71.8	178.2	17.8	2.3
Maize	Cobs	65.5	109.4	32.8	16.4	2.3
Arhar	Husk	95.7	71.8	21.4	10.7	1.3
Paddy	Straw	55.1	67.2	100.8	10.1	1.2
Paddy	Husk	55.1	67.2	13.4	10.8	1.2
Urad	Stalks	13.3	8.6	9.4	4.7	0.61
Jowar	Stalks	6.6	7.1	12.1	2.4	0.31
Urad	Husk	13.3	8.6	1.7	0.86	0.10
Jowar	Cobs	6.6	7.1	3.5	0.71	0.099
Jowar	Husk	6.6	7.1	1.4	0.71	0.085
Total		236.1	264.1	593.8	97.1	12.4

District level Residue-wise Data for Valsad; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	59.9	147.4	220.8	22.1	2.6
Paddy	Husk	59.9	147.4	29.4	23.6	2.6
Urad	Stalks	4.7	2.6	2.9	1.5	0.19
Arhar	Stalks	5.9	3.1	7.8	0.78	0.10
Arhar	Husk	5.9	3.1	0.93	0.47	0.056
Others	Others	0	0	0.53	0.27	0.032
Total		70.5	153.1	262.4	48.6	5.6

District Level Taluk Wise

DistrictLevel Taluk-wise Data for Ahmedabad ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Viramgam	63.8	80.3	136.1	24.8	2.9
Bavla	31.3	28.1	73.6	11.7	1.5
Mandal	18.4	23.1	39.2	7.1	0.82
Dholka	5.2	5.7	14.2	2.4	0.30
Ranpur	3.8	4.2	10.1	1.7	0.22
Sanand	8.8	5.5	11.7	1.5	0.18
Daskroi	1.4	1.8	3.1	0.56	0.064
Detroj-Rampur	0.80	1.0	1.7	0.31	0.036
Total		133.5	149.8	289.8	50.1

DistrictLevel Taluk-wise Data for Amreli ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Khambha	42.9	69.8	182.0	30.4	3.9
Amreli	65.2	47.1	108.0	19.2	2.4
Savarkundla	54.5	39.8	93.1	15.7	2.0
Dhari	43.5	32.1	74.6	13.0	1.6
Rajula	41.9	30.5	70.1	12.4	1.5
Babra	36.4	28.0	65.8	11.4	1.4

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Lathi	46.2	29.1	70.4	9.4	1.2
Liliya	27.3	19.9	45.6	8.1	1.0
Bagasara	26.1	18.9	43.3	7.7	0.96
Jafrabad	18.2	13.9	32.3	5.7	0.71
Vadia	0.13	0.17	0.42	0.071	0.0091
Total		402.3	329.1	785.6	133.0

DistrictLevel Taluk-wise Data for Anand ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Anand	40.0	79.6	135.3	24.7	2.8
Tarapur	20.3	34.2	58.2	10.6	1.2
Khambhat	39.2	26.4	46.0	8.3	0.97
Borsad	2.4	3.9	6.7	1.2	0.14
Anklav	1.1	1.5	2.6	0.48	0.055
Umreth	0.45	0.90	1.5	0.28	0.032
Petlad	0.43	0.40	0.68	0.12	0.014
Sojitra	0.039	0.0021	0.0052	0.00089	0.00011
Total		104.0	146.9	251.1	45.7

DistrictLevel Taluk-wise Data for Banaskantha ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Vav	49.4	38.3	139.9	70.2	9.2
Bhabhar	36.8	36.7	141.0	68.9	8.9
Deesa	145.8	142.2	374.7	62.9	8.1
Kankrej	78.2	27.3	61.6	40.5	5.6
Dantiwada	11.6	13.2	53.0	26.7	3.5
Deodar	62.2	60.9	160.4	26.8	3.4
Amirgadh	27.9	11.8	32.7	15.0	2.0
Tharad	34.7	15.6	37.8	14.4	1.9

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Danta	12.1	4.7	12.4	5.9	0.81
Palanpur	3.5	2.4	8.4	4.1	0.53
Vadgam	2.4	0.81	2.0	0.20	0.026
Dhanera	0.45	0.15	0.38	0.038	0.0050
Total		465.1	354.0	1024.2	335.6

DistrictLevel Taluk-wise Data for Bharuch ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bharuch	14.4	18.2	34.9	6.3	0.75
Valiya	17.8	11.7	32.4	4.8	0.61
Jambusar	8.9	12.0	23.6	4.8	0.59
Hansot	11.8	7.4	20.8	3.0	0.38
Jhaghadia	6.0	3.8	10.6	1.5	0.19
Ankleshwar	1.1	0.82	2.2	0.36	0.046
Total		60.0	53.8	124.5	20.8

DistrictLevel Taluk-wise Data for Bhavnagar ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gariadhar	37.4	72.2	188.4	31.6	4.0
Talaja	48.1	49.1	116.6	19.7	2.5
Mahuva	49.5	44.9	105.9	16.8	2.1
Gadhada	31.3	30.9	72.2	12.5	1.6
Bhavnagar	15.8	25.7	65.8	11.1	1.4
Shihor	24.3	25.5	60.8	10.3	1.3
Umarala	18.5	25.1	64.4	10.0	1.3
Botad	24.1	22.9	54.4	8.8	1.1
Vallabhipur	16.2	20.8	51.7	8.6	1.1
Palitana	15.5	13.5	32.6	4.7	0.60
Ghogha	9.4	9.1	21.3	3.6	0.45
Total		290.0	339.6	834.1	137.8

DistrictLevel Taluk-wise Data for Dahod ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Devgadhbaria	39.9	77.0	176.6	26.9	3.6
Limkheda	36.4	71.2	156.1	24.4	3.2
Jhalod	30.3	61.2	120.1	20.0	2.5
Ghoghamba	27.7	56.0	108.1	18.2	2.2
Fatepura	23.4	45.3	103.0	15.8	2.1
Dhanpur	21.9	42.4	96.1	14.7	2.0
Garbada	9.1	18.1	36.9	6.0	0.76
Dahod	3.8	7.8	14.7	2.5	0.30
Total		192.4	379.0	811.5	128.5

DistrictLevel Taluk-wise Data for Gandhinagar ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gandhinagar	29.6	49.6	154.8	54.0	7.0
Dehgam	26.6	54.7	121.0	37.9	4.8
Mansa	18.8	28.6	86.5	28.0	3.6
Kalol	9.3	10.5	26.2	4.2	0.53
Total		84.3	143.4	388.5	124.1

DistrictLevel Taluk-wise Data for Jamnagar ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jamnagar	35.5	30.5	70.3	12.5	1.6
Kalavad	34.2	29.4	67.7	12.1	1.5
Jamjodhpur	24.3	20.9	48.1	8.6	1.1
Okhamandal	22.5	19.4	44.6	8.0	0.99
Jodiya	21.2	18.2	41.9	7.5	0.93
Dhrol	19.3	16.6	38.2	6.8	0.85
Bhanvad	16.5	14.2	32.7	5.8	0.73
Khambhaliya	13.5	11.6	26.8	4.8	0.60

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kalyanpur	11.4	9.8	22.6	4.0	0.50
Lalpur	5.9	5.0	11.6	2.1	0.26
Total		204.1	175.5	404.7	72.1

DistrictLevel Taluk-wise Data for Junagadh ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Una	59.3	54.9	127.4	22.6	2.8
Maliya	43.6	44.4	105.2	18.5	2.3
Manavadar	40.6	37.8	87.7	15.6	1.9
Visavadar	38.3	36.4	84.9	15.0	1.9
Bhesan	34.5	31.4	72.5	12.9	1.6
Junagadh	31.7	30.6	71.8	12.7	1.6
Keshod	28.2	27.2	63.6	11.2	1.4
Vanthali	27.2	26.8	63.1	11.1	1.4
Mangrol	29.3	26.9	62.3	11.1	1.4
Kodinar	27.4	26.2	61.3	10.8	1.4
Veraval	25.9	24.4	56.9	10.1	1.3
Talala	20.7	19.1	44.1	7.8	0.98
Sutrapada	15.8	14.7	34.1	6.0	0.76
Mendarda	10.4	11.7	28.2	4.9	0.62
Total		433.0	412.5	963.3	170.5

DistrictLevel Taluk-wise Data for Kachchh ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bhuj	135.6	123.8	418.9	180.1	23.5
Abadasa	62.2	46.6	125.3	38.3	5.0
Nakhtrana	67.7	58.1	149.4	38.2	5.0
Mandvi	38.4	25.3	61.8	18.0	2.4
Rapar	42.5	27.5	62.6	14.8	2.0
Bhachau	45.6	28.3	61.1	12.7	1.7
Anjar	28.1	17.5	41.0	10.4	1.4

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Mundra	18.1	13.2	29.0	6.4	0.84
Gandhidham	2.0	2.5	9.9	4.9	0.63
Lakhpat	13.3	8.0	18.0	3.4	0.44
Rann-Of-Kachchh	15.0	8.0	16.0	2.9	0.39
Total		468.6	358.9	993.1	330.1

DistrictLevel Taluk-wise Data for Kheda ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Thasara	54.3	100.6	183.8	32.2	3.8
Mahemdabad	39.2	51.7	135.6	22.5	2.9
Matar	36.1	70.4	124.1	22.2	2.6
Virpur	18.9	46.9	109.4	16.7	2.2
Mahudha	24.2	47.6	84.3	14.9	1.7
Kathlal	17.5	22.7	59.4	9.3	1.2
Balasinor	10.9	19.6	39.7	6.4	0.79
Kapadvanj	5.3	6.6	16.4	2.4	0.31
Nadiad	1.2	1.6	4.0	0.64	0.082
Kheda	0.18	0.49	1.1	0.17	0.023
Total		207.8	368.2	757.9	127.5

DistrictLevel Taluk-wise Data for Mahesana ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Vijapur	18.9	22.3	82.7	36.0	4.7
Visnagar	16.7	15.8	57.8	24.4	3.2
Kheralu	7.8	10.6	43.8	21.9	2.8
Mahesana	48.5	39.0	100.2	21.3	2.8
Kadi	29.3	17.2	38.7	10.1	1.3
Becharaji	6.2	3.9	10.6	2.1	0.28
Satlasana	9.4	3.3	4.6	0.46	0.059
Total		136.8	112.2	338.2	116.3

DistrictLevel Taluk-wise Data for Narmada ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Nandod	31.9	42.3	88.0	15.4	1.9
Dediapada	18.1	12.7	34.6	5.4	0.69
Sagbara	2.9	4.3	9.1	1.6	0.20
Tilakwada	3.2	2.5	6.5	1.2	0.15
Total		56.2	61.8	138.1	23.5

DistrictLevel Taluk-wise Data for Navsari ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Chikhli	49.2	117.4	198.9	36.7	4.2
Jalalpur	10.0	11.5	22.0	4.1	0.49
Gandevi	2.2	5.5	9.3	1.7	0.19
Navsari	1.5	3.7	6.2	1.1	0.13
Vansda	0.22	0.11	0.32	0.045	0.0057
Total		63.2	138.1	236.8	43.7

DistrictLevel Taluk-wise Data for Panchmahal ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Santrampur	44.6	86.2	196.7	30.0	4.0
Godhara	39.4	79.9	143.4	25.3	3.0
Morva	27.9	53.9	123.0	18.8	2.5
Shahera	43.2	46.0	116.5	17.2	2.2
Halol	22.8	35.4	82.7	12.8	1.7
Lunawada	20.0	39.5	77.9	13.0	1.6
Kadana	17.5	28.3	65.9	10.2	1.4
Khanpur	8.2	16.0	35.6	5.5	0.73
Jambughoda	4.6	9.0	19.4	3.1	0.40
Kalol(Panchmahals)	2.4	4.7	9.6	1.6	0.20
Total		230.4	398.8	870.6	137.4

DistrictLevel Taluk-wise Data for Patan ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Harij	36.9	34.9	106.0	31.6	4.1
Santalpur	24.2	22.2	72.7	28.4	3.7
Sami	19.3	14.5	43.9	19.8	2.6
Radhanpur	28.8	23.0	62.0	16.3	2.1
Vagdod	25.8	22.5	59.9	10.7	1.4
Chanasma	4.3	4.6	16.8	7.6	0.99
Sidhpur	1.5	1.0	3.0	1.1	0.14
Patan	1.2	0.82	2.2	0.90	0.12
Unjha	0.18	0.16	0.41	0.069	0.0089
Total		142.2	123.6	366.9	116.5

DistrictLevel Taluk-wise Data for Porbander ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Porbandar	44.3	41.1	95.3	16.9	2.1
Kutiyana	26.0	23.9	55.4	9.8	1.2
Ranavav	12.5	13.4	32.2	5.6	0.71
Total		82.9	78.4	182.8	32.4

DistrictLevel Taluk-wise Data for Rajkot ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Morvi	103.4	122.9	285.1	49.8	6.2
Tankara	56.2	93.3	235.4	40.0	5.1
Gondal	58.8	64.2	148.9	25.4	3.2
Jasdan	43.5	48.1	112.4	19.1	2.4
Lodhika	36.3	45.4	104.4	18.6	2.3
Rajkot	34.2	41.1	94.8	16.7	2.1
Jetpur	33.3	40.4	94.8	16.4	2.1
Dhoraji	26.4	31.0	71.4	12.5	1.6
Paddhari	24.5	27.5	63.7	11.0	1.4

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Vankaner	19.8	22.7	52.6	9.1	1.1
Kotdasangani	14.6	18.0	42.3	7.3	0.92
Upleta	15.8	18.0	41.7	7.2	0.90
Jamkandorna	12.6	14.6	34.2	5.9	0.74
Maliya	10.8	12.4	28.8	5.0	0.63
Total		490.1	599.7	1410.4	244.1

DistrictLevel Taluk-wise Data for Sabarkantha ; Season : Kharif

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Khedbrahma	59.7	73.3	176.5	32.6	4.3
Himatnagar	65.9	80.5	191.8	31.7	4.2
Malpur	25.1	15.6	52.8	25.8	3.3
Modasa	25.4	30.7	76.0	15.6	2.1
Prantij	40.8	32.6	75.8	14.4	1.8
Idar	38.4	26.6	74.2	13.4	1.7
Bhiloda	22.3	27.0	63.7	11.1	1.5
Talod	6.3	6.6	18.5	4.1	0.53
Bayad	6.6	8.2	19.4	3.4	0.46
Meghraj	0.95	0.83	3.4	1.7	0.22
Vadali	3.6	2.0	4.2	1.1	0.14
Malpuralpur	1.7	2.1	4.9	0.75	0.10
Vijaynagar	0.30	0.27	1.1	0.55	0.071
Total		297.1	306.4	762.5	156.2

DistrictLevel Taluk-wise Data for Surat ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Mangrol	27.3	62.9	115.3	21.1	2.5
Nizar	22.4	59.1	102.9	18.9	2.2
Mandvi	17.6	29.2	66.5	14.3	1.8
Choryasi	18.9	42.0	79.2	15.1	1.8
Kamrej	32.6	42.2	89.8	14.7	1.8
Valod	17.1	48.1	82.0	15.0	1.7
Bardoli	10.5	26.3	46.5	8.5	0.99
Sonagadh	5.9	9.1	20.0	3.8	0.48
Vyara	5.2	9.5	18.7	3.4	0.41
Uchchhal	3.5	5.7	12.1	2.3	0.29
Surat City	2.7	3.7	8.8	1.8	0.23
Mahuva	2.0	3.6	7.5	1.5	0.18
Umarpada	1.9	4.3	7.8	1.4	0.17
Palsana	1.5	1.5	3.7	0.61	0.077
Olpad	0.56	0.73	1.7	0.31	0.039
Total		169.7	347.9	662.5	122.7

DistrictLevel Taluk-wise Data for Surendranagar ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Vadhvan	35.6	58.9	153.9	25.3	3.2
Dhrangadhra	45.2	57.1	148.0	23.5	3.0
Halvad	31.1	44.9	116.5	18.9	2.4
Muli	33.0	28.7	70.4	10.8	1.4
Dasada	32.0	24.1	60.8	8.7	1.1
Sayla	6.5	9.6	24.6	4.0	0.52
Limbdi	16.2	11.5	27.9	4.0	0.51
Chuda	7.6	9.3	24.1	3.8	0.49
Chotila	5.8	3.5	8.3	1.1	0.14
Lakhtar	8.6	3.9	9.7	1.1	0.14
Total		221.8	251.4	644.3	101.1

DistrictLevel Taluk-wise Data for The dangs ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Dangs	32.3	30.9	61.1	12.3	1.5
Total		32.3	30.9	61.1	12.3

DistrictLevel Taluk-wise Data for Vadodara ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Karjan	50.2	38.0	105.3	15.1	1.9
Chhota-Udepur	24.1	39.1	90.0	14.1	1.9
Naswadi	39.4	49.0	85.3	15.3	1.8
Savli	35.0	35.5	76.1	13.2	1.6
Dabhoi	28.9	23.9	61.8	9.8	1.3
Sankheda	20.7	21.8	50.2	9.1	1.2
Jetpur-Pavi	16.8	26.3	57.6	9.0	1.2
Vaghodiya	10.1	14.6	32.3	5.6	0.74
Padra	5.5	7.8	17.0	3.0	0.40
Vadodara	3.0	4.1	8.8	1.6	0.21
Kawant	2.4	4.1	9.3	1.4	0.19
Shinor	0.00089	0.0015	0.0034	0.00052	7.00E-05
Total		236.1	264.1	593.8	97.1

DistrictLevel Taluk-wise Data for Valsad ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Valsad	44.1	106.6	181.3	33.1	3.8
Kaprada	11.0	22.8	39.1	7.3	0.85
Umargaon	8.3	14.2	24.2	4.9	0.57
Dharampur	4.8	4.9	10.0	1.8	0.21
Pardi	2.3	4.6	7.7	1.5	0.18
Total		70.5	153.1	262.4	48.6

Taluk Level Residue Wise

Taluk level Residue-wise Data for Bavla ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	23.0	24.4	48.9	4.9	0.64
Bajra	Cobs	23.0	24.4	8.1	4.0	0.52
Bajra	Husk	23.0	24.4	7.3	1.8	0.22
Til	Stalks	8.4	3.8	9.3	0.93	0.12
Total		31.3	28.1	73.6	11.7	1.5

Taluk level Residue-wise Data for Daskroi ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.4	1.8	3.1	0.56	0.064
Total		1.4	1.8	3.1	0.56	0.064

Taluk level Residue-wise Data for Detroj-Rampur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.80	1.0	1.7	0.31	0.036
Total		0.80	1.0	1.7	0.31	0.036

Taluk level Residue-wise Data for Dholka ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	4.5	4.8	9.6	0.96	0.13
Bajra	Cobs	4.5	4.8	1.6	0.79	0.10
Others	Others	0.69	0.87	2.9	0.63	0.074
Total		5.2	5.7	14.2	2.4	0.30

Taluk level Residue-wise Data for Mandal ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	18.4	23.1	34.6	3.5	0.42
Paddy	Husk	18.4	23.1	4.6	3.7	0.41
Total		18.4	23.1	39.2	7.1	0.82

Taluk level Residue-wise Data for Ranpur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	2.9	3.1	6.2	0.62	0.081
Others	Others	0.89	1.1	2.8	0.58	0.068
Bajra	Cobs	2.9	3.1	1.0	0.52	0.067
Total		3.8	4.2	10.1	1.7	0.22

Taluk level Residue-wise Data for Sanand ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Til	Stalks	7.0	3.1	7.8	0.78	0.10
Others	Others	1.8	2.3	3.9	0.72	0.083
Total		8.8	5.5	11.7	1.5	0.18

Taluk level Residue-wise Data for Virangam ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	63.8	80.3	120.1	12.0	1.4
Paddy	Husk	63.8	80.3	16.0	12.8	1.4
Total		63.8	80.3	136.1	24.8	2.9

Taluk level Residue-wise Data for Amreli ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	64.6	46.5	92.7	9.3	1.2
Groundnut	Shell	64.6	46.5	13.9	9.7	1.2
Others	Others	0.56	0.55	1.4	0.20	0.026
Total		65.2	47.1	108.0	19.2	2.4

Taluk level Residue-wise Data for Babra ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	32.3	23.2	46.3	4.6	0.60
Groundnut	Shell	32.3	23.2	6.9	4.9	0.58
Bajra	Stalks	1.9	3.5	7.1	0.71	0.092
Bajra	Cobs	1.9	3.5	1.2	0.59	0.076
Others	Others	2.3	1.3	4.3	0.59	0.074
Total		36.4	28.0	65.8	11.4	1.4

Taluk level Residue-wise Data for Bagasara ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	25.8	18.5	36.9	3.7	0.48
Groundnut	Shell	25.8	18.5	5.5	3.9	0.47
Others	Others	0.33	0.34	0.88	0.13	0.016
Total		26.1	18.9	43.3	7.7	0.96

Taluk level Residue-wise Data for Dhari ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	39.9	28.7	57.2	5.7	0.74
Groundnut	Shell	39.9	28.7	8.6	6.0	0.72
Others	Others	2.5	1.4	4.9	0.84	0.11
Bajra	Stalks	1.1	2.0	4.0	0.40	0.053
Total		43.5	32.1	74.6	13.0	1.6

Taluk level Residue-wise Data for Jafrabad ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	17.0	12.2	24.4	2.4	0.32
Groundnut	Shell	17.0	12.2	3.7	2.6	0.31
Others	Others	1.2	1.6	4.3	0.67	0.086
Total		18.2	13.9	32.3	5.7	0.71

Taluk level Residue-wise Data for Khambha ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	34.6	64.1	128.4	12.8	1.7
Bajra	Cobs	34.6	64.1	21.2	10.6	1.4
Bajra	Husk	34.6	64.1	19.3	4.8	0.58
Groundnut	Stalks	6.5	4.7	9.4	0.94	0.12
Groundnut	Shell	6.5	4.7	1.4	0.98	0.12
Others	Others	1.7	0.95	2.4	0.24	0.031
Total		42.9	69.8	182.0	30.4	3.9

Taluk level Residue-wise Data for Lathi ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Til	Stalks	28.2	15.8	39.9	4.0	0.52
Groundnut	Stalks	17.7	12.7	25.3	2.5	0.33
Groundnut	Shell	17.7	12.7	3.8	2.7	0.32
Others	Others	0.29	0.54	1.4	0.24	0.031
Total		46.2	29.1	70.4	9.4	1.2

Taluk level Residue-wise Data for Liliya ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	27.0	19.5	38.7	3.9	0.50
Groundnut	Shell	27.0	19.5	5.8	4.1	0.49
Others	Others	0.29	0.40	1.0	0.16	0.021
Total		27.3	19.9	45.6	8.1	1.0

Taluk level Residue-wise Data for Rajula ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	40.9	29.5	58.7	5.9	0.76
Groundnut	Shell	40.9	29.5	8.8	6.2	0.74
Others	Others	0.98	0.99	2.6	0.37	0.047
Total		41.9	30.5	70.1	12.4	1.5

Taluk level Residue-wise Data for Savarkundla ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	46.0	33.1	65.9	6.6	0.86
Groundnut	Shell	46.0	33.1	9.9	6.9	0.83
Til	Stalks	7.1	4.0	10.0	1.00	0.13
Bajra	Stalks	1.5	2.8	5.5	0.55	0.072
Bajra	Cobs	1.5	2.8	0.91	0.46	0.059
Others	Others	0	0	0.83	0.21	0.025
Total		54.5	39.8	93.1	15.7	2.0

Taluk level Residue-wise Data for Vadia ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.13	0.17	0.42	0.071	0.0091
Total		0.13	0.17	0.42	0.071	0.0091

Taluk level Residue-wise Data for Anand ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	40.0	79.6	119.4	11.9	1.4
Paddy	Husk	40.0	79.6	15.9	12.7	1.4
Others	Others	6.00E-06	2.40E-07	6.77E-07	1.13E-07	1.45E-08
Total		40.0	79.6	135.3	24.7	2.8

Taluk level Residue-wise Data for Anklav ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.1	1.5	2.6	0.48	0.055
Total		1.1	1.5	2.6	0.48	0.055

Taluk level Residue-wise Data for Borsad ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	2.0	3.9	5.9	0.59	0.071
Paddy	Husk	2.0	3.9	0.78	0.63	0.069
Others	Others	0.47	0.019	0.053	0.0089	0.0011
Total		2.4	3.9	6.7	1.2	0.14

Taluk level Residue-wise Data for Khambhat ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	12.7	25.3	38.0	3.8	0.46
Paddy	Husk	12.7	25.3	5.1	4.1	0.45
Others	Others	26.4	1.1	3.0	0.50	0.064
Total		39.2	26.4	46.0	8.3	0.97

Taluk level Residue-wise Data for Petlad ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.43	0.40	0.68	0.12	0.014
Total		0.43	0.40	0.68	0.12	0.014

Taluk level Residue-wise Data for Sojitra ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.039	0.0021	0.0052	0.00089	0.00011
Total		0.039	0.0021	0.0052	0.00089	0.00011

Taluk level Residue-wise Data for Tarapur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	17.1	34.0	51.0	5.1	0.61
Paddy	Husk	17.1	34.0	6.8	5.4	0.60
Others	Others	3.2	0.13	0.37	0.061	0.0078
Total		20.3	34.2	58.2	10.6	1.2

Taluk level Residue-wise Data for Umreth ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.45	0.90	1.5	0.28	0.032
Total		0.45	0.90	1.5	0.28	0.032

Taluk level Residue-wise Data for Amirgadh ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Guar	Stalks	15.3	4.9	10.0	7.0	0.98
Castorseed	Stalks	2.7	3.5	14.0	7.0	0.91
Til	Stalks	9.9	3.4	8.4	0.84	0.11
Others	Others	0	0	0.35	0.17	0.021
Total		27.9	11.8	32.7	15.0	2.0

Taluk level Residue-wise Data for Bhabhar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	25.7	33.1	132.7	66.3	8.6
Castorseed	Husk	25.7	33.1	3.3	1.7	0.20
Guar	Stalks	1.1	0.35	0.71	0.50	0.070
Others	Others	10.0	3.2	4.3	0.43	0.055
Total		36.8	36.7	141.0	68.9	8.9

Taluk level Residue-wise Data for Danta ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Guar	Stalks	7.6	2.4	4.9	3.4	0.48
Castorseed	Stalks	0.83	1.1	4.3	2.1	0.28
Others	Others	3.7	1.3	3.2	0.37	0.047
Total		12.1	4.7	12.4	5.9	0.81

Taluk level Residue-wise Data for Dantiwada ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	9.8	12.6	50.5	25.3	3.3
Guar	Stalks	1.8	0.57	1.2	0.81	0.11
Castorseed	Husk	9.8	12.6	1.3	0.63	0.076
Others	Others	0.038	0.013	0.032	0.0032	0.00041
Total		11.6	13.2	53.0	26.7	3.5

Taluk level Residue-wise Data for Deesa ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	144.8	141.9	284.4	28.4	3.7
Bajra	Cobs	144.8	141.9	46.9	23.5	3.1
Bajra	Husk	144.8	141.9	42.7	10.7	1.3
Others	Others	1.0	0.33	0.72	0.38	0.053
Total		145.8	142.2	374.7	62.9	8.1

Taluk level Residue-wise Data for Deodar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	62.0	60.8	121.9	12.2	1.6
Bajra	Cobs	62.0	60.8	20.1	10.1	1.3
Bajra	Husk	62.0	60.8	18.3	4.6	0.55
Others	Others	0.13	0.043	0.11	0.011	0.0014
Total		62.2	60.9	160.4	26.8	3.4

Taluk level Residue-wise Data for Dhanera ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.45	0.15	0.38	0.038	0.0050
Total		0.45	0.15	0.38	0.038	0.0050

Taluk level Residue-wise Data for Kankrej ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Guar	Stalks	75.5	24.1	49.0	34.3	4.8
Castorseed	Stalks	2.3	3.0	11.9	6.0	0.77
Others	Others	0.44	0.15	0.67	0.19	0.023
Total		78.2	27.3	61.6	40.5	5.6

Taluk level Residue-wise Data for Palanpur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	1.3	1.6	6.6	3.3	0.43
Guar	Stalks	1.4	0.43	0.88	0.62	0.086
Others	Others	0.91	0.31	0.93	0.16	0.020
Total		3.5	2.4	8.4	4.1	0.53

Taluk level Residue-wise Data for Tharad ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	4.5	5.9	23.5	11.7	1.5
Guar	Stalks	2.5	0.80	1.6	1.1	0.16
Moong	Stalks	25.2	8.1	8.8	0.88	0.11
Others	Others	2.5	0.85	3.9	0.62	0.077
Total		34.7	15.6	37.8	14.4	1.9

Taluk level Residue-wise Data for Vadgam ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	2.4	0.81	2.0	0.20	0.026
Total		2.4	0.81	2.0	0.20	0.026

Taluk level Residue-wise Data for Vav ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	23.1	29.8	119.3	59.6	7.8
Guar	Stalks	18.7	6.0	12.2	8.5	1.2
Castorseed	Husk	23.1	29.8	3.0	1.5	0.18
Til	Stalks	5.4	1.9	4.6	0.46	0.060
Others	Others	2.2	0.71	0.87	0.087	0.011
Total		49.4	38.3	139.9	70.2	9.2

Taluk level Residue-wise Data for Ankleshwar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.1	0.82	2.2	0.36	0.046
Total		1.1	0.82	2.2	0.36	0.046

Taluk level Residue-wise Data for Bharuch ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	8.9	13.8	20.8	2.1	0.25
Paddy	Husk	8.9	13.8	2.8	2.2	0.24
Others	Others	0	0	2.2	0.76	0.096
Jowar	Stalks	1.9	2.1	3.6	0.72	0.094
Arhar	Stalks	3.5	2.2	5.6	0.56	0.073
Total		14.4	18.2	34.9	6.3	0.75

Taluk level Residue-wise Data for Hansot ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Arhar	Stalks	11.8	7.4	18.6	1.9	0.24
Arhar	Husk	11.8	7.4	2.2	1.1	0.13
Total		11.8	7.4	20.8	3.0	0.38

Taluk level Residue-wise Data for Jambusar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jowar	Stalks	4.2	4.7	8.0	1.6	0.21
Paddy	Straw	4.7	7.2	10.9	1.1	0.13
Paddy	Husk	4.7	7.2	1.4	1.2	0.13
Jowar	Cobs	4.2	4.7	2.4	0.47	0.066
Jowar	Husk	4.2	4.7	0.94	0.47	0.057
Total		8.9	12.0	23.6	4.8	0.59

Taluk level Residue-wise Data for Jhaghadia ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Arhar	Stalks	6.0	3.8	9.5	0.95	0.12
Arhar	Husk	6.0	3.8	1.1	0.57	0.068
Total		6.0	3.8	10.6	1.5	0.19

Taluk level Residue-wise Data for Valiya ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Arhar	Stalks	16.9	10.7	26.8	2.7	0.35
Arhar	Husk	16.9	10.7	3.2	1.6	0.19
Others	Others	0.89	1.0	2.4	0.54	0.070
Total		17.8	11.7	32.4	4.8	0.61

Taluk level Residue-wise Data for Bhavnagar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	10.1	20.5	41.0	4.1	0.53
Bajra	Cobs	10.1	20.5	6.8	3.4	0.44
Bajra	Husk	10.1	20.5	6.2	1.5	0.18
Groundnut	Stalks	5.1	4.8	9.5	0.95	0.12
Groundnut	Shell	5.1	4.8	1.4	0.99	0.12
Others	Others	0.51	0.37	0.92	0.092	0.012
Total		15.8	25.7	65.8	11.1	1.4

Taluk level Residue-wise Data for Botad ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	16.6	15.5	30.8	3.1	0.40
Groundnut	Shell	16.6	15.5	4.6	3.2	0.39
Til	Stalks	5.9	4.3	10.7	1.1	0.14
Bajra	Stalks	1.6	3.2	6.3	0.63	0.082
Bajra	Cobs	1.6	3.2	1.0	0.52	0.068
Others	Others	0	0	0.95	0.24	0.029
Total		24.1	22.9	54.4	8.8	1.1

Taluk level Residue-wise Data for Gadhada ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	27.7	25.7	51.2	5.1	0.67
Groundnut	Shell	27.7	25.7	7.7	5.4	0.65
Bajra	Stalks	1.9	3.9	7.8	0.78	0.10
Bajra	Cobs	1.9	3.9	1.3	0.64	0.084
Others	Others	1.7	1.2	4.2	0.60	0.075
Total		31.3	30.9	72.2	12.5	1.6

Taluk level Residue-wise Data for Gariadhar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	34.0	69.0	137.8	13.8	1.8
Bajra	Cobs	34.0	69.0	22.7	11.4	1.5
Bajra	Husk	34.0	69.0	20.7	5.2	0.62
Groundnut	Stalks	3.4	3.1	6.2	0.62	0.081
Groundnut	Shell	3.4	3.1	0.93	0.65	0.078
Others	Others	0.037	0.026	0.066	0.0066	0.00086
Total		37.4	72.2	188.4	31.6	4.0

Taluk level Residue-wise Data for Ghogha ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	7.9	7.3	14.6	1.5	0.19
Groundnut	Shell	7.9	7.3	2.2	1.5	0.18
Others	Others	1.5	1.8	4.5	0.63	0.082
Total		9.4	9.1	21.3	3.6	0.45

Taluk level Residue-wise Data for Mahuva ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	33.8	31.4	62.5	6.3	0.81
Groundnut	Shell	33.8	31.4	9.4	6.6	0.79

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Til	Stalks	14.0	10.1	25.2	2.5	0.33
Bajra	Stalks	1.6	3.3	6.7	0.67	0.087
Bajra	Cobs	1.6	3.3	1.1	0.55	0.072
Others	Others	0	0	1.0	0.25	0.030
Total		49.5	44.9	105.9	16.8	2.1

Taluk level Residue-wise Data for Palitana ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Til	Stalks	7.5	5.4	13.5	1.4	0.18
Groundnut	Stalks	7.3	6.8	13.5	1.4	0.18
Groundnut	Shell	7.3	6.8	2.0	1.4	0.17
Others	Others	0.66	1.3	3.5	0.59	0.075
Total		15.5	13.5	32.6	4.7	0.60

Taluk level Residue-wise Data for Shihor ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	18.8	17.5	34.8	3.5	0.45
Groundnut	Shell	18.8	17.5	5.2	3.7	0.44
Bajra	Stalks	3.1	6.3	12.6	1.3	0.16
Bajra	Cobs	3.1	6.3	2.1	1.0	0.14
Bajra	Husk	3.1	6.3	1.9	0.47	0.057
Til	Stalks	2.4	1.7	4.3	0.43	0.056
Total		24.3	25.5	60.8	10.3	1.3

Taluk level Residue-wise Data for Talaja ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	37.7	35.0	69.7	7.0	0.91
Groundnut	Shell	37.7	35.0	10.5	7.3	0.88
Bajra	Stalks	5.0	10.2	20.4	2.0	0.26

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Cobs	5.0	10.2	3.4	1.7	0.22
Til	Stalks	5.4	3.9	9.7	0.97	0.13
Bajra	Husk	5.0	10.2	3.1	0.76	0.092
Total		48.1	49.1	116.6	19.7	2.5

Taluk level Residue-wise Data for Umarala ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	8.5	17.2	34.4	3.4	0.45
Bajra	Cobs	8.5	17.2	5.7	2.8	0.37
Til	Stalks	6.8	4.9	12.3	1.2	0.16
Bajra	Husk	8.5	17.2	5.2	1.3	0.15
Groundnut	Stalks	3.2	3.0	5.9	0.59	0.077
Groundnut	Shell	3.2	3.0	0.89	0.62	0.075
Total		18.5	25.1	64.4	10.0	1.3

Taluk level Residue-wise Data for Vallabhipur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	5.6	11.3	22.6	2.3	0.29
Bajra	Cobs	5.6	11.3	3.7	1.9	0.24
Groundnut	Stalks	8.8	8.2	16.3	1.6	0.21
Groundnut	Shell	8.8	8.2	2.4	1.7	0.21
Bajra	Husk	5.6	11.3	3.4	0.85	0.10
Others	Others	1.8	1.3	3.3	0.33	0.042
Total		16.2	20.8	51.7	8.6	1.1

Taluk level Residue-wise Data for Dahod ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	2.6	5.4	8.0	0.80	0.096
Paddy	Husk	2.6	5.4	1.1	0.86	0.094

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	1.2	2.4	4.8	0.48	0.062
Maize	Cobs	1.2	2.4	0.71	0.36	0.050
Others	Others	0.044	0.033	0.091	0.013	0.0016
Total		3.8	7.8	14.7	2.5	0.30

Taluk level Residue-wise Data for Devgadhbaria ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	39.7	76.7	153.1	15.3	2.0
Maize	Cobs	39.7	76.7	23.0	11.5	1.6
Others	Others	0.13	0.28	0.48	0.087	0.010
Total		39.9	77.0	176.6	26.9	3.6

Taluk level Residue-wise Data for Dhanpur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	20.9	40.3	80.4	8.0	1.0
Maize	Cobs	20.9	40.3	12.1	6.0	0.84
Others	Others	1.0	2.2	3.7	0.67	0.077
Total		21.9	42.4	96.1	14.7	2.0

Taluk level Residue-wise Data for Fatepura ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	22.6	43.6	87.0	8.7	1.1
Maize	Cobs	22.6	43.6	13.0	6.5	0.91
Others	Others	0.84	1.8	3.0	0.55	0.063
Total		23.4	45.3	103.0	15.8	2.1

Taluk level Residue-wise Data for Garbada ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	5.3	10.3	20.6	2.1	0.27
Maize	Cobs	5.3	10.3	3.1	1.5	0.22
Paddy	Straw	3.7	7.8	11.7	1.2	0.14
Paddy	Husk	3.7	7.8	1.6	1.2	0.14
Total		9.1	18.1	36.9	6.0	0.76

Taluk level Residue-wise Data for Ghoghamba ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	16.5	34.6	51.9	5.2	0.62
Paddy	Husk	16.5	34.6	6.9	5.5	0.61
Maize	Stalks	11.1	21.3	42.6	4.3	0.55
Maize	Cobs	11.1	21.3	6.4	3.2	0.45
Others	Others	0.13	0.10	0.28	0.040	0.0051
Total		27.7	56.0	108.1	18.2	2.2

Taluk level Residue-wise Data for Jhalod ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	13.9	26.9	53.7	5.4	0.70
Paddy	Straw	16.3	34.2	51.3	5.1	0.62
Paddy	Husk	16.3	34.2	6.8	5.5	0.60
Maize	Cobs	13.9	26.9	8.0	4.0	0.56
Others	Others	0.12	0.093	0.26	0.037	0.0047
Total		30.3	61.2	120.1	20.0	2.5

Taluk level Residue-wise Data for Limkheda ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	30.6	59.0	117.7	11.8	1.5
Maize	Cobs	30.6	59.0	17.7	8.8	1.2

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	5.8	12.2	18.3	1.8	0.22
Paddy	Husk	5.8	12.2	2.4	2.0	0.21
Others	Others	4.00E-06	3.00E-06	8.35E-06	1.19E-06	1.51E-07
Total		36.4	71.2	156.1	24.4	3.2

Taluk level Residue-wise Data for Dehgam ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	4.6	10.3	41.4	20.7	2.7
Paddy	Straw	12.0	38.7	58.0	5.8	0.70
Paddy	Husk	12.0	38.7	7.7	6.2	0.68
Guar	Stalks	6.1	1.9	3.8	2.6	0.37
Jowar	Stalks	3.7	3.7	6.3	1.3	0.16
Castorseed	Husk	4.6	10.3	1.0	0.52	0.062
Jowar	Cobs	3.7	3.7	1.9	0.37	0.052
Others	Others	0.30	0.089	0.85	0.38	0.046
Total		26.6	54.7	121.0	37.9	4.8

Taluk level Residue-wise Data for Gandhinagar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	9.1	20.6	82.4	41.2	5.4
Bajra	Stalks	14.0	23.3	46.7	4.7	0.61
Bajra	Cobs	14.0	23.3	7.7	3.9	0.50
Bajra	Husk	14.0	23.3	7.0	1.8	0.21
Castorseed	Husk	9.1	20.6	2.1	1.0	0.12
Paddy	Straw	1.3	4.1	6.1	0.61	0.073
Paddy	Husk	1.3	4.1	0.81	0.65	0.071
Others	Others	5.3	1.6	2.1	0.29	0.038
Total		29.6	49.6	154.8	54.0	7.0

Taluk level Residue-wise Data for Kalol ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	4.7	7.9	15.7	1.6	0.20
Bajra	Cobs	4.7	7.9	2.6	1.3	0.17
Others	Others	4.5	2.6	5.5	0.71	0.087
Bajra	Husk	4.7	7.9	2.4	0.59	0.071
Total		9.3	10.5	26.2	4.2	0.53

Taluk level Residue-wise Data for Mansa ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	3.9	8.9	35.6	17.8	2.3
Bajra	Stalks	10.3	17.2	34.5	3.5	0.45
Bajra	Cobs	10.3	17.2	5.7	2.8	0.37
Guar	Stalks	4.2	1.3	2.6	1.8	0.26
Bajra	Husk	10.3	17.2	5.2	1.3	0.16
Castorseed	Husk	3.9	8.9	0.89	0.44	0.053
Others	Others	0.36	1.2	2.0	0.36	0.041
Total		18.8	28.6	86.5	28.0	3.6

Taluk level Residue-wise Data for Bhanvad ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	16.5	14.2	28.4	2.8	0.37
Groundnut	Shell	16.5	14.2	4.3	3.0	0.36
Others	Others	0.054	0.024	0.060	0.0060	0.00078
Total		16.5	14.2	32.7	5.8	0.73

Taluk level Residue-wise Data for Dhrol ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	19.3	16.6	33.2	3.3	0.43
Groundnut	Shell	19.3	16.6	5.0	3.5	0.42

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	4.60E-05	2.07E-05	5.13E-05	5.13E-06	6.67E-07
Total		19.3	16.6	38.2	6.8	0.85

Taluk level Residue-wise Data for Jamjodhpur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	24.3	20.9	41.8	4.2	0.54
Groundnut	Shell	24.3	20.9	6.3	4.4	0.53
Others	Others	3.40E-05	1.53E-05	3.79E-05	3.79E-06	4.93E-07
Total		24.3	20.9	48.1	8.6	1.1

Taluk level Residue-wise Data for Jamnagar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	35.5	30.5	61.2	6.1	0.80
Groundnut	Shell	35.5	30.5	9.2	6.4	0.77
Total		35.5	30.5	70.3	12.5	1.6

Taluk level Residue-wise Data for Jodiya ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	21.2	18.2	36.5	3.6	0.47
Groundnut	Shell	21.2	18.2	5.5	3.8	0.46
Total		21.2	18.2	41.9	7.5	0.93

Taluk level Residue-wise Data for Kalavad ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	34.2	29.4	58.9	5.9	0.77
Groundnut	Shell	34.2	29.4	8.8	6.2	0.74
Others	Others	2.00E-05	9.00E-06	2.23E-05	2.23E-06	2.90E-07
Total		34.2	29.4	67.7	12.1	1.5

Taluk level Residue-wise Data for Kalyanpur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	11.4	9.8	19.7	2.0	0.26
Groundnut	Shell	11.4	9.8	3.0	2.1	0.25
Others	Others	2.00E-06	9.00E-07	2.23E-06	2.23E-07	2.90E-08
Total		11.4	9.8	22.6	4.0	0.50

Taluk level Residue-wise Data for Khambhaliya ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	13.5	11.6	23.3	2.3	0.30
Groundnut	Shell	13.5	11.6	3.5	2.4	0.29
Total		13.5	11.6	26.8	4.8	0.60

Taluk level Residue-wise Data for Lalpur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	5.9	5.0	10.1	1.0	0.13
Groundnut	Shell	5.9	5.0	1.5	1.1	0.13
Total		5.9	5.0	11.6	2.1	0.26

Taluk level Residue-wise Data for Okhamandal ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	22.5	19.4	38.8	3.9	0.50
Groundnut	Shell	22.5	19.4	5.8	4.1	0.49
Total		22.5	19.4	44.6	8.0	0.99

Taluk level Residue-wise Data for Bhesan ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	34.2	30.8	61.6	6.2	0.80

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Shell	34.2	30.8	9.2	6.5	0.78
Others	Others	0.31	0.64	1.7	0.28	0.036
Total		34.5	31.4	72.5	12.9	1.6

Taluk level Residue-wise Data for Junagadh ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	29.9	26.9	53.8	5.4	0.70
Groundnut	Shell	29.9	26.9	8.1	5.6	0.68
Bajra	Stalks	1.8	3.8	7.6	0.76	0.098
Bajra	Cobs	1.8	3.8	1.2	0.62	0.081
Others	Others	0	0	1.1	0.28	0.034
Total		31.7	30.6	71.8	12.7	1.6

Taluk level Residue-wise Data for Keshod ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	26.6	24.0	48.0	4.8	0.62
Groundnut	Shell	26.6	24.0	7.2	5.0	0.60
Bajra	Stalks	1.6	3.2	6.4	0.64	0.083
Bajra	Cobs	1.6	3.2	1.1	0.53	0.069
Others	Others	0	0	0.96	0.24	0.029
Total		28.2	27.2	63.6	11.2	1.4

Taluk level Residue-wise Data for Kodinar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	26.0	23.4	46.9	4.7	0.61
Groundnut	Shell	26.0	23.4	7.0	4.9	0.59
Bajra	Stalks	1.4	2.8	5.6	0.56	0.073
Bajra	Cobs	1.4	2.8	0.92	0.46	0.060
Others	Others	0	0	0.84	0.21	0.025
Total		27.4	26.2	61.3	10.8	1.4

Taluk level Residue-wise Data for Maliya ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	39.1	35.2	70.5	7.0	0.92
Groundnut	Shell	39.1	35.2	10.6	7.4	0.89
Bajra	Stalks	4.5	9.2	18.3	1.8	0.24
Bajra	Cobs	4.5	9.2	3.0	1.5	0.20
Bajra	Husk	4.5	9.2	2.8	0.69	0.083
Total		43.6	44.4	105.2	18.5	2.3

Taluk level Residue-wise Data for Manavadar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	39.5	35.6	71.2	7.1	0.93
Groundnut	Shell	39.5	35.6	10.7	7.5	0.90
Others	Others	0	0	1.4	0.53	0.067
Bajra	Stalks	1.1	2.2	4.4	0.44	0.057
Total		40.6	37.8	87.7	15.6	1.9

Taluk level Residue-wise Data for Mangrol ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	28.8	25.9	51.8	5.2	0.67
Groundnut	Shell	28.8	25.9	7.8	5.4	0.65
Others	Others	0.50	1.0	2.7	0.45	0.058
Total		29.3	26.9	62.3	11.1	1.4

Taluk level Residue-wise Data for Mendarda ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	8.4	7.6	15.2	1.5	0.20
Groundnut	Shell	8.4	7.6	2.3	1.6	0.19
Bajra	Stalks	2.0	4.1	8.2	0.82	0.11

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Cobs	2.0	4.1	1.3	0.67	0.087
Others	Others	0	0	1.2	0.31	0.037
Total		10.4	11.7	28.2	4.9	0.62

Taluk level Residue-wise Data for Sutrapada ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	15.5	13.9	27.9	2.8	0.36
Groundnut	Shell	15.5	13.9	4.2	2.9	0.35
Others	Others	0.37	0.75	2.0	0.33	0.042
Total		15.8	14.7	34.1	6.0	0.76

Taluk level Residue-wise Data for Talala ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	20.4	18.3	36.7	3.7	0.48
Groundnut	Shell	20.4	18.3	5.5	3.9	0.46
Others	Others	0.35	0.71	1.9	0.31	0.040
Total		20.7	19.1	44.1	7.8	0.98

Taluk level Residue-wise Data for Una ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	58.0	52.2	104.5	10.4	1.4
Groundnut	Shell	58.0	52.2	15.7	11.0	1.3
Bajra	Stalks	1.4	2.8	5.6	0.56	0.072
Bajra	Cobs	1.4	2.8	0.92	0.46	0.060
Others	Others	0	0	0.83	0.21	0.025
Total		59.3	54.9	127.4	22.6	2.8

Taluk level Residue-wise Data for Vanthali ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	25.2	22.7	45.4	4.5	0.59
Groundnut	Shell	25.2	22.7	6.8	4.8	0.57
Bajra	Stalks	2.0	4.2	8.3	0.83	0.11
Bajra	Cobs	2.0	4.2	1.4	0.69	0.089
Others	Others	0	0	1.2	0.31	0.037
Total		27.2	26.8	63.1	11.1	1.4

Taluk level Residue-wise Data for Veraval ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	24.9	22.4	44.8	4.5	0.58
Groundnut	Shell	24.9	22.4	6.7	4.7	0.56
Others	Others	0	0	1.3	0.50	0.063
Bajra	Stalks	1.0	2.1	4.1	0.41	0.054
Total		25.9	24.4	56.9	10.1	1.3

Taluk level Residue-wise Data for Visavadar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	36.6	33.0	66.0	6.6	0.86
Groundnut	Shell	36.6	33.0	9.9	6.9	0.83
Bajra	Stalks	1.7	3.4	6.8	0.68	0.089
Bajra	Cobs	1.7	3.4	1.1	0.56	0.073
Others	Others	0	0	1.0	0.26	0.031
Total		38.3	36.4	84.9	15.0	1.9

Taluk level Residue-wise Data for Abadasa ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	7.7	10.7	42.8	21.4	2.8
Guar	Stalks	10.0	3.3	6.6	4.6	0.65
Groundnut	Stalks	11.4	16.1	32.4	3.2	0.42
Groundnut	Shell	11.4	16.1	4.9	3.4	0.41

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	8.4	7.8	15.6	1.6	0.20
Bajra	Cobs	8.4	7.8	2.6	1.3	0.17
Til	Stalks	12.5	4.9	12.3	1.2	0.16
Bajra	Husk	8.4	7.8	2.3	0.58	0.070
Castorseed	Husk	7.7	10.7	1.1	0.54	0.064
Moong	Stalks	12.1	3.9	4.2	0.42	0.055
Others	Others	0	0	0.58	0.058	0.0069
Total		62.2	46.6	125.3	38.3	5.0

Taluk level Residue-wise Data for Anjar ; Season : Kharif

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Guar	Stalks	6.5	2.1	4.3	3.0	0.42
Castorseed	Stalks	1.00	1.4	5.6	2.8	0.36
Bajra	Stalks	4.9	4.5	9.0	0.90	0.12
Others	Others	7.1	2.5	6.1	0.87	0.11
Bajra	Cobs	4.9	4.5	1.5	0.74	0.097
Groundnut	Stalks	2.6	3.7	7.4	0.74	0.096
Groundnut	Shell	2.6	3.7	1.1	0.77	0.093
Moth	Stalks	6.1	3.4	6.0	0.60	0.079
Total		28.1	17.5	41.0	10.4	1.4

Taluk level Residue-wise Data for Bhachau ; Season : Kharif

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Guar	Stalks	8.7	2.9	5.7	4.0	0.56
Groundnut	Stalks	8.9	12.6	25.3	2.5	0.33
Groundnut	Shell	8.9	12.6	3.8	2.7	0.32
Bajra	Stalks	5.4	5.0	10.0	1.00	0.13
Bajra	Cobs	5.4	5.0	1.6	0.82	0.11
Til	Stalks	6.3	2.4	6.2	0.62	0.080
Moong	Stalks	15.2	4.9	5.3	0.53	0.069
Others	Others	1.0	0.57	3.2	0.55	0.067
Total		45.6	28.3	61.1	12.7	1.7

Taluk level Residue-wise Data for Bhuj ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	53.5	74.4	298.1	149.0	19.4
Guar	Stalks	25.8	8.5	17.0	11.9	1.7
Bajra	Stalks	24.5	22.6	45.3	4.5	0.59
Bajra	Cobs	24.5	22.6	7.5	3.7	0.49
Castorseed	Husk	53.5	74.4	7.5	3.7	0.45
Groundnut	Stalks	7.1	10.0	20.1	2.0	0.26
Groundnut	Shell	7.1	10.0	3.0	2.1	0.25
Bajra	Husk	24.5	22.6	6.8	1.7	0.20
Til	Stalks	6.7	2.6	6.6	0.66	0.086
Moong	Stalks	17.9	5.7	6.3	0.63	0.081
Others	Others	0	0	0.85	0.085	0.010
Total		135.6	123.8	418.9	180.1	23.5

Taluk level Residue-wise Data for Gandhidham ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	1.7	2.4	9.4	4.7	0.61
Others	Others	0.33	0.12	0.47	0.14	0.017
Total		2.0	2.5	9.9	4.9	0.63

Taluk level Residue-wise Data for Lakhpat ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	9.5	4.7	10.4	1.4	0.18
Guar	Stalks	1.9	0.63	1.3	0.88	0.12
Groundnut	Stalks	2.0	2.8	5.5	0.55	0.072
Groundnut	Shell	2.0	2.8	0.83	0.58	0.070
Total		13.3	8.0	18.0	3.4	0.44

Taluk level Residue-wise Data for Mandvi ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	2.4	3.3	13.1	6.6	0.85
Guar	Stalks	10.1	3.3	6.6	4.6	0.65
Bajra	Stalks	7.8	7.1	14.3	1.4	0.19
Groundnut	Stalks	4.6	6.5	13.0	1.3	0.17
Groundnut	Shell	4.6	6.5	1.9	1.4	0.16
Bajra	Cobs	7.8	7.1	2.4	1.2	0.15
Others	Others	13.7	5.1	8.3	0.96	0.12
Bajra	Husk	7.8	7.1	2.2	0.54	0.065
Total		38.4	25.3	61.8	18.0	2.4

Taluk level Residue-wise Data for Mundra ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Guar	Stalks	4.9	1.6	3.2	2.2	0.31
Groundnut	Stalks	5.3	7.4	14.9	1.5	0.19
Groundnut	Shell	5.3	7.4	2.2	1.6	0.19
Others	Others	8.0	4.1	8.6	1.1	0.14
Total		18.1	13.2	29.0	6.4	0.84

Taluk level Residue-wise Data for Nakhtrana ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	4.7	6.5	26.0	13.0	1.7
Guar	Stalks	12.3	4.0	8.1	5.6	0.79
Groundnut	Stalks	15.7	22.1	44.3	4.4	0.58
Groundnut	Shell	15.7	22.1	6.6	4.7	0.56
Bajra	Stalks	22.8	21.0	42.2	4.2	0.55
Bajra	Cobs	22.8	21.0	7.0	3.5	0.45
Bajra	Husk	22.8	21.0	6.3	1.6	0.19
Others	Others	7.5	2.6	4.2	0.68	0.085
Til	Stalks	4.7	1.8	4.6	0.46	0.060
Total		67.7	58.1	149.4	38.2	5.0

Taluk level Residue-wise Data for Rann-Of-Kachchh ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	13.1	7.4	14.8	2.1	0.26
Guar	Stalks	1.9	0.62	1.2	0.87	0.12
Total		15.0	8.0	16.0	2.9	0.39

Taluk level Residue-wise Data for Rapar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Guar	Stalks	13.2	4.4	8.7	6.1	0.85
Bajra	Stalks	10.7	9.8	19.7	2.0	0.26
Groundnut	Stalks	6.4	9.0	18.0	1.8	0.23
Groundnut	Shell	6.4	9.0	2.7	1.9	0.23
Bajra	Cobs	10.7	9.8	3.3	1.6	0.21
Others	Others	12.3	4.4	7.3	0.73	0.094
Bajra	Husk	10.7	9.8	3.0	0.74	0.089
Total		42.5	27.5	62.6	14.8	2.0

Taluk level Residue-wise Data for Balasinor ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	5.4	10.7	16.1	1.6	0.19
Paddy	Husk	5.4	10.7	2.1	1.7	0.19
Maize	Stalks	2.1	5.9	11.9	1.2	0.15
Others	Others	3.4	2.9	7.7	1.00	0.13
Maize	Cobs	2.1	5.9	1.8	0.89	0.12
Total		10.9	19.6	39.7	6.4	0.79

Taluk level Residue-wise Data for Kapadvanj ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.22	0.23	2.1	0.61	0.080
Bajra	Stalks	1.9	2.5	5.1	0.51	0.066
Maize	Stalks	0.78	2.2	4.3	0.43	0.056
Bajra	Cobs	1.9	2.5	0.84	0.42	0.054
Til	Stalks	2.4	1.6	4.1	0.41	0.053
Total		5.3	6.6	16.4	2.4	0.31

Taluk level Residue-wise Data for Kathlal ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	9.7	12.8	25.6	2.6	0.33
Bajra	Cobs	9.7	12.8	4.2	2.1	0.27
Arhar	Stalks	5.6	5.9	14.6	1.5	0.19
Bajra	Husk	9.7	12.8	3.8	0.96	0.12
Arhar	Husk	5.6	5.9	1.8	0.88	0.11
Maize	Stalks	1.2	3.3	6.6	0.66	0.086
Maize	Cobs	1.2	3.3	0.99	0.49	0.069
Others	Others	1.0	0.71	1.8	0.18	0.023
Total		17.5	22.7	59.4	9.3	1.2

Taluk level Residue-wise Data for Kheda ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.18	0.49	1.1	0.17	0.023
Total		0.18	0.49	1.1	0.17	0.023

Taluk level Residue-wise Data for Mahemdabad ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	37.4	49.3	98.5	9.9	1.3
Bajra	Cobs	37.4	49.3	16.3	8.1	1.1

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Husk	37.4	49.3	14.8	3.7	0.44
Others	Others	1.9	2.4	6.0	0.84	0.11
Total		39.2	51.7	135.6	22.5	2.9

Taluk level Residue-wise Data for Mahudha ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	21.2	42.3	63.4	6.3	0.76
Paddy	Husk	21.2	42.3	8.4	6.8	0.74
Maize	Stalks	1.5	4.2	8.4	0.84	0.11
Maize	Cobs	1.5	4.2	1.3	0.63	0.088
Others	Others	1.4	1.1	2.9	0.35	0.045
Total		24.2	47.6	84.3	14.9	1.7

Taluk level Residue-wise Data for Matar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	32.4	64.4	96.5	9.7	1.2
Paddy	Husk	32.4	64.4	12.9	10.3	1.1
Maize	Stalks	1.1	2.9	5.9	0.59	0.077
Bajra	Stalks	1.9	2.4	4.9	0.49	0.064
Maize	Cobs	1.1	2.9	0.88	0.44	0.062
Bajra	Cobs	1.9	2.4	0.81	0.40	0.052
Others	Others	0.80	0.59	2.2	0.35	0.043
Total		36.1	70.4	124.1	22.2	2.6

Taluk level Residue-wise Data for Nadiad ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.2	1.6	4.0	0.64	0.082
Total		1.2	1.6	4.0	0.64	0.082

Taluk level Residue-wise Data for Thasara ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	42.5	84.6	126.8	12.7	1.5
Paddy	Husk	42.5	84.6	16.9	13.5	1.5
Maize	Stalks	2.2	6.0	12.0	1.2	0.16
Bajra	Stalks	4.5	5.9	11.8	1.2	0.15
Bajra	Cobs	4.5	5.9	2.0	0.98	0.13
Maize	Cobs	2.2	6.0	1.8	0.90	0.13
Til	Stalks	3.7	2.5	6.3	0.63	0.082
Others	Others	1.5	1.5	4.3	0.62	0.078
Bajra	Husk	4.5	5.9	1.8	0.44	0.053
Total		54.3	100.6	183.8	32.2	3.8

Taluk level Residue-wise Data for Virpur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	15.2	42.5	85.1	8.5	1.1
Maize	Cobs	15.2	42.5	12.8	6.4	0.89
Bajra	Stalks	2.5	3.3	6.6	0.66	0.086
Others	Others	1.1	1.1	3.9	0.64	0.080
Bajra	Cobs	2.5	3.3	1.1	0.55	0.071
Total		18.9	46.9	109.4	16.7	2.2

Taluk level Residue-wise Data for Becharaji ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	0.43	0.59	2.4	1.2	0.15
Til	Stalks	4.8	2.6	6.4	0.64	0.083
Others	Others	1.0	0.71	1.8	0.31	0.039
Total		6.2	3.9	10.6	2.1	0.28

Taluk level Residue-wise Data for Kadi ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Guar	Stalks	6.0	3.0	6.0	4.2	0.59
Bajra	Stalks	11.1	9.6	19.3	1.9	0.25
Bajra	Cobs	11.1	9.6	3.2	1.6	0.21
Castorseed	Stalks	0.41	0.56	2.3	1.1	0.15
Bajra	Husk	11.1	9.6	2.9	0.72	0.087
Moong	Stalks	11.8	4.0	4.4	0.44	0.057
Others	Others	0	0	0.66	0.088	0.011
Total		29.3	17.2	38.7	10.1	1.3

Taluk level Residue-wise Data for Kheralu ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	7.8	10.6	42.7	21.4	2.8
Castorseed	Husk	7.8	10.6	1.1	0.53	0.064
Total		7.8	10.6	43.8	21.9	2.8

Taluk level Residue-wise Data for Mahesana ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	40.0	34.8	69.7	7.0	0.91
Guar	Stalks	8.4	4.2	8.5	5.9	0.83
Bajra	Cobs	40.0	34.8	11.5	5.8	0.75
Bajra	Husk	40.0	34.8	10.5	2.6	0.31
Total		48.5	39.0	100.2	21.3	2.8

Taluk level Residue-wise Data for Satlasana ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	9.4	3.3	4.6	0.46	0.059
Total		9.4	3.3	4.6	0.46	0.059

Taluk level Residue-wise Data for Vijapur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	11.9	16.2	65.1	32.6	4.2
Bajra	Stalks	6.9	6.0	12.1	1.2	0.16
Bajra	Cobs	6.9	6.0	2.0	1.00	0.13
Castorseed	Husk	11.9	16.2	1.6	0.81	0.098
Bajra	Husk	6.9	6.0	1.8	0.45	0.054
Total		18.9	22.3	82.7	36.0	4.7

Taluk level Residue-wise Data for Visnagar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	8.3	11.3	45.4	22.7	3.0
Til	Stalks	8.4	4.5	11.2	1.1	0.15
Castorseed	Husk	8.3	11.3	1.1	0.57	0.068
Total		16.7	15.8	57.8	24.4	3.2

Taluk level Residue-wise Data for Dediapada ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Arhar	Stalks	15.7	9.9	24.8	2.5	0.32
Arhar	Husk	15.7	9.9	3.0	1.5	0.18
Jowar	Stalks	2.3	2.5	4.3	0.86	0.11
Others	Others	0.20	0.32	2.5	0.62	0.081
Total		18.1	12.7	34.6	5.4	0.69

Taluk level Residue-wise Data for Nandod ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	12.7	19.6	29.4	2.9	0.35
Paddy	Husk	12.7	19.6	3.9	3.1	0.35
Maize	Stalks	8.1	13.0	26.0	2.6	0.34
Maize	Cobs	8.1	13.0	3.9	1.9	0.27
Jowar	Stalks	5.5	6.1	10.4	2.1	0.27
Arhar	Stalks	5.7	3.6	9.0	0.90	0.12
Jowar	Cobs	5.5	6.1	3.0	0.61	0.085
Jowar	Husk	5.5	6.1	1.2	0.61	0.073
Arhar	Husk	5.7	3.6	1.1	0.54	0.065
Total		31.9	42.3	88.0	15.4	1.9

Taluk level Residue-wise Data for Sagbara ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.5	2.1	4.7	1.1	0.14
Maize	Stalks	1.3	2.2	4.3	0.43	0.056
Total		2.9	4.3	9.1	1.6	0.20

Taluk level Residue-wise Data for Tilakwada ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	3.2	2.5	6.5	1.2	0.15
Total		3.2	2.5	6.5	1.2	0.15

Taluk level Residue-wise Data for Chikhli ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	47.3	116.3	174.2	17.4	2.1
Paddy	Husk	47.3	116.3	23.2	18.6	2.0
Urad	Stalks	2.0	1.1	1.2	0.61	0.080
Others	Others	0	0	0.22	0.11	0.013
Total		49.2	117.4	198.9	36.7	4.2

Taluk level Residue-wise Data for Gandevi ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	2.2	5.5	8.2	0.82	0.098
Paddy	Husk	2.2	5.5	1.1	0.87	0.096
Total		2.2	5.5	9.3	1.7	0.19

Taluk level Residue-wise Data for Jalalpur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	3.2	7.8	11.7	1.2	0.14
Paddy	Husk	3.2	7.8	1.6	1.2	0.14
Arhar	Stalks	5.1	2.7	6.8	0.68	0.088
Urad	Stalks	1.7	0.95	1.0	0.52	0.068
Others	Others	0	0	1.0	0.50	0.060
Total		10.0	11.5	22.0	4.1	0.49

Taluk level Residue-wise Data for Navsari ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	1.5	3.7	5.5	0.55	0.066
Paddy	Husk	1.5	3.7	0.73	0.58	0.064
Total		1.5	3.7	6.2	1.1	0.13

Taluk level Residue-wise Data for Vansda ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.22	0.11	0.32	0.045	0.0057
Total		0.22	0.11	0.32	0.045	0.0057

Taluk level Residue-wise Data for Godhara ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	32.3	67.9	101.8	10.2	1.2
Paddy	Husk	32.3	67.9	13.6	10.9	1.2
Maize	Stalks	5.6	10.9	21.7	2.2	0.28
Maize	Cobs	5.6	10.9	3.3	1.6	0.23
Others	Others	1.5	1.1	3.1	0.44	0.055
Total		39.4	79.9	143.4	25.3	3.0

Taluk level Residue-wise Data for Halol ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	14.9	28.8	57.4	5.7	0.75
Maize	Cobs	14.9	28.8	8.6	4.3	0.60
Bajra	Stalks	6.5	4.9	9.9	0.99	0.13
Others	Others	1.4	1.7	5.1	0.95	0.11
Bajra	Cobs	6.5	4.9	1.6	0.82	0.11
Total		22.8	35.4	82.7	12.8	1.7

Taluk level Residue-wise Data for Jambughoda ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	3.6	6.9	13.8	1.4	0.18
Maize	Cobs	3.6	6.9	2.1	1.0	0.15
Others	Others	0.98	2.1	3.5	0.64	0.073
Total		4.6	9.0	19.4	3.1	0.40

Taluk level Residue-wise Data for Kadana ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	12.5	24.2	48.3	4.8	0.63
Maize	Cobs	12.5	24.2	7.2	3.6	0.51
Bajra	Stalks	4.7	3.6	7.1	0.71	0.092
Bajra	Cobs	4.7	3.6	1.2	0.59	0.076
Others	Others	0.28	0.59	2.1	0.45	0.053
Total		17.5	28.3	65.9	10.2	1.4

Taluk level Residue-wise Data for Kalol(Panchmahals) ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	1.4	2.7	5.5	0.55	0.071
Others	Others	0.93	2.0	3.3	0.60	0.069
Maize	Cobs	1.4	2.7	0.82	0.41	0.058
Total		2.4	4.7	9.6	1.6	0.20

Taluk level Residue-wise Data for Khanpur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	7.3	14.1	28.2	2.8	0.37
Maize	Cobs	7.3	14.1	4.2	2.1	0.30
Others	Others	0.90	1.9	3.2	0.59	0.067
Total		8.2	16.0	35.6	5.5	0.73

Taluk level Residue-wise Data for Lunawada ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	8.9	17.1	34.2	3.4	0.44
Paddy	Straw	10.4	21.8	32.8	3.3	0.39
Paddy	Husk	10.4	21.8	4.4	3.5	0.38
Maize	Cobs	8.9	17.1	5.1	2.6	0.36
Others	Others	0.67	0.50	1.4	0.20	0.025
Total		20.0	39.5	77.9	13.0	1.6

Taluk level Residue-wise Data for Morva ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	27.3	52.7	105.2	10.5	1.4
Maize	Cobs	27.3	52.7	15.8	7.9	1.1
Others	Others	0.55	1.2	2.0	0.36	0.041
Total		27.9	53.9	123.0	18.8	2.5

Taluk level Residue-wise Data for Santrampur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	43.6	84.2	168.1	16.8	2.2
Maize	Cobs	43.6	84.2	25.2	12.6	1.8
Others	Others	0.94	2.0	3.4	0.61	0.070
Total		44.6	86.2	196.7	30.0	4.0

Taluk level Residue-wise Data for Shahera ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Arhar	Stalks	31.7	23.8	59.1	5.9	0.77
Maize	Stalks	10.9	21.0	41.8	4.2	0.54
Maize	Cobs	10.9	21.0	6.3	3.1	0.44
Arhar	Husk	31.7	23.8	7.1	3.5	0.43
Others	Others	0.60	1.3	2.2	0.39	0.045
Total		43.2	46.0	116.5	17.2	2.2

Taluk level Residue-wise Data for Chanasma ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	2.5	3.4	13.7	6.8	0.89
Others	Others	1.8	1.2	3.2	0.78	0.10
Total		4.3	4.6	16.8	7.6	0.99

Taluk level Residue-wise Data for Harij ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	7.4	10.1	40.5	20.2	2.6
Bajra	Stalks	27.8	24.2	48.4	4.8	0.63
Bajra	Cobs	27.8	24.2	8.0	4.0	0.52
Bajra	Husk	27.8	24.2	7.3	1.8	0.22
Castorseed	Husk	7.4	10.1	1.0	0.51	0.061
Others	Others	1.6	0.59	0.80	0.19	0.026
Total		36.9	34.9	106.0	31.6	4.1

Taluk level Residue-wise Data for Patan ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.57	0.52	1.6	0.48	0.062
Guar	Stalks	0.60	0.30	0.61	0.43	0.060
Total		1.2	0.82	2.2	0.90	0.12

Taluk level Residue-wise Data for Radhanpur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	2.0	2.8	11.2	5.6	0.73
Bajra	Stalks	19.7	17.1	34.3	3.4	0.45
Guar	Stalks	4.1	2.1	4.1	2.9	0.41
Bajra	Cobs	19.7	17.1	5.7	2.8	0.37
Bajra	Husk	19.7	17.1	5.1	1.3	0.15
Others	Others	3.0	1.0	1.5	0.26	0.033
Total		28.8	23.0	62.0	16.3	2.1

Taluk level Residue-wise Data for Sami ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	5.0	6.8	27.1	13.6	1.8
Guar	Stalks	6.2	3.1	6.2	4.4	0.61
Others	Others	4.7	1.6	3.6	0.76	0.093
Bajra	Stalks	3.5	3.0	6.0	0.60	0.078
Bajra	Cobs	3.5	3.0	1.00	0.50	0.065
Total		19.3	14.5	43.9	19.8	2.6

Taluk level Residue-wise Data for Santalpur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	8.4	11.4	45.8	22.9	3.0
Bajra	Stalks	9.8	8.5	17.1	1.7	0.22
Bajra	Cobs	9.8	8.5	2.8	1.4	0.18
Guar	Stalks	1.4	0.72	1.4	1.0	0.14
Bajra	Husk	9.8	8.5	2.6	0.64	0.077
Castorseed	Husk	8.4	11.4	1.1	0.57	0.069
Others	Others	4.5	1.5	1.9	0.19	0.025
Total		24.2	22.2	72.7	28.4	3.7

Taluk level Residue-wise Data for Sidhpur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	0.32	0.44	1.8	0.88	0.11
Others	Others	1.2	0.60	1.2	0.19	0.025
Total		1.5	1.0	3.0	1.1	0.14

Taluk level Residue-wise Data for Unjha ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.18	0.16	0.41	0.069	0.0089
Total		0.18	0.16	0.41	0.069	0.0089

Taluk level Residue-wise Data for Vagdod ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	25.2	21.9	43.9	4.4	0.57
Bajra	Cobs	25.2	21.9	7.2	3.6	0.47
Bajra	Husk	25.2	21.9	6.6	1.6	0.20
Castorseed	Stalks	0.37	0.50	2.0	1.0	0.13
Others	Others	0.24	0.081	0.15	0.035	0.0043
Total		25.8	22.5	59.9	10.7	1.4

Taluk level Residue-wise Data for Kutiyana ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	25.6	23.0	46.1	4.6	0.60
Groundnut	Shell	25.6	23.0	6.9	4.8	0.58
Others	Others	0.43	0.89	2.3	0.39	0.050
Total		26.0	23.9	55.4	9.8	1.2

Taluk level Residue-wise Data for Porbandar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	43.3	38.9	78.0	7.8	1.0
Groundnut	Shell	43.3	38.9	11.7	8.2	0.98
Others	Others	0	0	1.3	0.51	0.065
Bajra	Stalks	1.0	2.1	4.3	0.43	0.056
Total		44.3	41.1	95.3	16.9	2.1

Taluk level Residue-wise Data for Ranavav ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	10.6	9.6	19.2	1.9	0.25
Groundnut	Shell	10.6	9.6	2.9	2.0	0.24
Bajra	Stalks	1.9	3.8	7.7	0.77	0.100
Bajra	Cobs	1.9	3.8	1.3	0.63	0.082
Others	Others	0	0	1.2	0.29	0.035
Total		12.5	13.4	32.2	5.6	0.71

Taluk level Residue-wise Data for Dhoraji ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	23.8	29.8	59.6	6.0	0.77
Groundnut	Shell	23.8	29.8	8.9	6.3	0.75
Others	Others	2.6	1.2	2.9	0.29	0.038
Total		26.4	31.0	71.4	12.5	1.6

Taluk level Residue-wise Data for Gondal ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	46.2	57.8	115.5	11.6	1.5
Groundnut	Shell	46.2	57.8	17.3	12.1	1.5
Til	Stalks	12.2	5.6	13.9	1.4	0.18
Others	Others	0.40	0.81	2.1	0.36	0.046
Total		58.8	64.2	148.9	25.4	3.2

Taluk level Residue-wise Data for Jamkandorna ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	10.0	12.5	24.9	2.5	0.32
Groundnut	Shell	10.0	12.5	3.7	2.6	0.31
Others	Others	2.7	2.2	5.5	0.77	0.099
Total		12.6	14.6	34.2	5.9	0.74

Taluk level Residue-wise Data for Jasdan ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	32.7	40.9	81.7	8.2	1.1
Groundnut	Shell	32.7	40.9	12.3	8.6	1.0
Til	Stalks	9.3	4.3	10.6	1.1	0.14
Bajra	Stalks	1.4	3.0	5.9	0.59	0.077
Bajra	Cobs	1.4	3.0	0.98	0.49	0.063
Others	Others	0	0	0.89	0.22	0.027
Total		43.5	48.1	112.4	19.1	2.4

Taluk level Residue-wise Data for Jetpur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	27.4	34.3	68.6	6.9	0.89
Groundnut	Shell	27.4	34.3	10.3	7.2	0.86
Bajra	Stalks	2.1	4.4	8.8	0.88	0.11
Bajra	Cobs	2.1	4.4	1.5	0.73	0.095
Til	Stalks	3.7	1.7	4.3	0.43	0.055
Others	Others	0	0	1.3	0.33	0.040
Total		33.3	40.4	94.8	16.4	2.1

Taluk level Residue-wise Data for Kotdasangani ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	11.5	14.4	28.9	2.9	0.38
Groundnut	Shell	11.5	14.4	4.3	3.0	0.36
Bajra	Stalks	1.3	2.7	5.4	0.54	0.070
Bajra	Cobs	1.3	2.7	0.89	0.45	0.058
Others	Others	1.8	0.82	2.8	0.41	0.051
Total		14.6	18.0	42.3	7.3	0.92

Taluk level Residue-wise Data for Lodhika ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	36.3	45.3	90.7	9.1	1.2
Groundnut	Shell	36.3	45.3	13.6	9.5	1.1
Others	Others	0.061	0.028	0.069	0.0069	0.00090
Total		36.3	45.4	104.4	18.6	2.3

Taluk level Residue-wise Data for Maliya ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	9.3	11.6	23.3	2.3	0.30
Groundnut	Shell	9.3	11.6	3.5	2.4	0.29
Others	Others	1.4	0.79	2.0	0.23	0.030
Total		10.8	12.4	28.8	5.0	0.63

Taluk level Residue-wise Data for Morvi ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	90.8	113.5	227.0	22.7	3.0
Groundnut	Shell	90.8	113.5	34.0	23.8	2.9
Til	Stalks	10.3	4.7	11.7	1.2	0.15
Bajra	Stalks	2.3	4.7	9.4	0.94	0.12
Bajra	Cobs	2.3	4.7	1.6	0.78	0.10
Others	Others	0	0	1.4	0.35	0.043
Total		103.4	122.9	285.1	49.8	6.2

Taluk level Residue-wise Data for Paddhari ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	20.5	25.6	51.2	5.1	0.67
Groundnut	Shell	20.5	25.6	7.7	5.4	0.64
Til	Stalks	4.0	1.8	4.5	0.45	0.059
Others	Others	0.064	0.13	0.34	0.057	0.0074
Total		24.5	27.5	63.7	11.0	1.4

Taluk level Residue-wise Data for Rajkot ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	32.0	40.0	80.0	8.0	1.0
Groundnut	Shell	32.0	40.0	12.0	8.4	1.0
Others	Others	2.2	1.1	2.8	0.31	0.040
Total		34.2	41.1	94.8	16.7	2.1

Taluk level Residue-wise Data for Tankara ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	30.3	62.2	124.5	12.5	1.6
Bajra	Cobs	30.3	62.2	20.5	10.3	1.3
Groundnut	Stalks	24.3	30.4	60.8	6.1	0.79
Groundnut	Shell	24.3	30.4	9.1	6.4	0.77
Bajra	Husk	30.3	62.2	18.7	4.7	0.56
Others	Others	1.5	0.71	1.8	0.18	0.023
Total		56.2	93.3	235.4	40.0	5.1

Taluk level Residue-wise Data for Upleta ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	13.5	16.9	33.7	3.4	0.44
Groundnut	Shell	13.5	16.9	5.1	3.5	0.43
Others	Others	2.3	1.2	2.9	0.32	0.041
Total		15.8	18.0	41.7	7.2	0.90

Taluk level Residue-wise Data for Vankaner ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	16.6	20.8	41.5	4.2	0.54
Groundnut	Shell	16.6	20.8	6.2	4.4	0.52
Others	Others	3.1	1.9	4.8	0.59	0.076
Total		19.8	22.7	52.6	9.1	1.1

Taluk level Residue-wise Data for Bayad ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	6.2	7.9	15.8	1.6	0.21
Maize	Cobs	6.2	7.9	2.4	1.2	0.17
Castorseed	Stalks	0.36	0.32	1.3	0.64	0.083
Others	Others	0	0	0.032	0.016	0.0019
Total		6.6	8.2	19.4	3.4	0.46

Taluk level Residue-wise Data for Bhiloda ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	20.5	25.8	51.8	5.2	0.67
Maize	Cobs	20.5	25.8	7.8	3.9	0.54
Castorseed	Stalks	1.1	0.94	3.8	1.9	0.25
Others	Others	0.69	0.23	0.39	0.20	0.025
Total		22.3	27.0	63.7	11.1	1.5

Taluk level Residue-wise Data for Himatnagar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	53.7	67.6	135.5	13.6	1.8
Maize	Cobs	53.7	67.6	20.3	10.2	1.4
Castorseed	Stalks	1.7	1.5	5.9	3.0	0.38
Bajra	Stalks	10.5	11.4	22.7	2.3	0.30
Bajra	Cobs	10.5	11.4	3.7	1.9	0.24
Bajra	Husk	10.5	11.4	3.4	0.85	0.10
Others	Others	0	0	0.15	0.074	0.0089
Total		65.9	80.5	191.8	31.7	4.2

Taluk level Residue-wise Data for Idar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Arhar	Stalks	31.8	19.7	49.4	4.9	0.64
Castorseed	Stalks	2.0	1.8	7.1	3.5	0.46
Arhar	Husk	31.8	19.7	5.9	3.0	0.36
Maize	Stalks	3.0	3.8	7.6	0.76	0.099
Maize	Cobs	3.0	3.8	1.1	0.57	0.080
Others	Others	1.6	1.3	3.1	0.60	0.075
Total		38.4	26.6	74.2	13.4	1.7

Taluk level Residue-wise Data for Khedbrahma ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	54.3	68.4	137.1	13.7	1.8
Maize	Cobs	54.3	68.4	20.6	10.3	1.4
Castorseed	Stalks	4.6	4.0	16.1	8.0	1.0
Others	Others	0.81	0.87	2.7	0.58	0.073
Total		59.7	73.3	176.5	32.6	4.3

Taluk level Residue-wise Data for Malpur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	12.8	11.2	45.1	22.5	2.9
Urad	Stalks	11.3	3.7	4.1	2.0	0.27
Others	Others	1.0	0.65	2.6	0.63	0.077
Castorseed	Husk	12.8	11.2	1.1	0.56	0.068
Total		25.1	15.6	52.8	25.8	3.3

Taluk level Residue-wise Data for Malpurmalpur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	1.7	2.1	4.3	0.43	0.056
Others	Others	0	0	0.65	0.32	0.045
Total		1.7	2.1	4.9	0.75	0.10

Taluk level Residue-wise Data for Meghraj ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	0.95	0.83	3.3	1.7	0.22
Others	Others	0	0	0.084	0.042	0.0050
Total		0.95	0.83	3.4	1.7	0.22

Taluk level Residue-wise Data for Modasa ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	3.2	2.8	11.2	5.6	0.73
Maize	Stalks	21.6	27.2	54.4	5.4	0.71
Maize	Cobs	21.6	27.2	8.2	4.1	0.57
Others	Others	0.68	0.74	2.2	0.46	0.058
Total		25.4	30.7	76.0	15.6	2.1

Taluk level Residue-wise Data for Prantij ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	38.3	30.6	61.3	6.1	0.80
Groundnut	Shell	38.3	30.6	9.2	6.4	0.77
Castorseed	Stalks	0.68	0.60	2.4	1.2	0.16
Others	Others	1.8	1.4	2.9	0.61	0.081
Total		40.8	32.6	75.8	14.4	1.8

Taluk level Residue-wise Data for Talod ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	0.85	0.75	3.0	1.5	0.20
Bajra	Stalks	5.4	5.9	11.7	1.2	0.15
Bajra	Cobs	5.4	5.9	1.9	0.96	0.13
Bajra	Husk	5.4	5.9	1.8	0.44	0.053
Others	Others	0	0	0.075	0.038	0.0045
Total		6.3	6.6	18.5	4.1	0.53

Taluk level Residue-wise Data for Vadali ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.1	1.2	3.3	0.60	0.077
Urad	Stalks	2.5	0.82	0.90	0.45	0.059
Total		3.6	2.0	4.2	1.1	0.14

Taluk level Residue-wise Data for Vijaynagar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	0.30	0.27	1.1	0.54	0.070
Others	Others	0	0	0.027	0.013	0.0016
Total		0.30	0.27	1.1	0.55	0.071

Taluk level Residue-wise Data for Bardoli ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	8.5	24.1	36.2	3.6	0.43
Paddy	Husk	8.5	24.1	4.8	3.9	0.42
Others	Others	2.0	2.2	5.5	1.0	0.13
Total		10.5	26.3	46.5	8.5	0.99

Taluk level Residue-wise Data for Choryasi ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	11.0	31.2	46.8	4.7	0.56
Paddy	Husk	11.0	31.2	6.2	5.0	0.55
Jowar	Stalks	4.9	7.9	13.4	2.7	0.35
Others	Others	2.9	2.9	7.2	1.2	0.15
Jowar	Cobs	4.9	7.9	3.9	0.79	0.11
Jowar	Husk	4.9	7.9	1.6	0.79	0.095
Total		18.9	42.0	79.2	15.1	1.8

Taluk level Residue-wise Data for Kamrej ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Arhar	Stalks	23.1	15.9	39.7	4.0	0.52
Paddy	Straw	9.0	25.4	38.2	3.8	0.46
Paddy	Husk	9.0	25.4	5.1	4.1	0.45
Arhar	Husk	23.1	15.9	4.8	2.4	0.29
Others	Others	0.54	0.86	2.1	0.47	0.061
Total		32.6	42.2	89.8	14.7	1.8

Taluk level Residue-wise Data for Mahuva ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.2	2.2	5.2	1.00	0.12
Jowar	Stalks	0.85	1.4	2.3	0.46	0.060
Total		2.0	3.6	7.5	1.5	0.18

Taluk level Residue-wise Data for Mandvi ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jowar	Stalks	13.9	22.2	37.7	7.5	0.98
Jowar	Cobs	13.9	22.2	11.1	2.2	0.31
Jowar	Husk	13.9	22.2	4.4	2.2	0.27
Paddy	Straw	1.9	5.3	7.9	0.79	0.095
Paddy	Husk	1.9	5.3	1.1	0.85	0.093
Others	Others	1.8	1.7	4.3	0.68	0.085
Total		17.6	29.2	66.5	14.3	1.8

Taluk level Residue-wise Data for Mangrol ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	17.8	50.5	75.8	7.6	0.91
Paddy	Husk	17.8	50.5	10.1	8.1	0.89
Groundnut	Stalks	5.7	8.2	16.5	1.6	0.21
Groundnut	Shell	5.7	8.2	2.5	1.7	0.21
Others	Others	2.1	1.4	5.9	1.1	0.14
Jowar	Stalks	1.7	2.7	4.6	0.92	0.12
Total		27.3	62.9	115.3	21.1	2.5

Taluk level Residue-wise Data for Nizar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	19.8	56.1	84.2	8.4	1.0
Paddy	Husk	19.8	56.1	11.2	9.0	0.99
Others	Others	1.4	1.2	4.5	0.85	0.11
Jowar	Stalks	1.1	1.8	3.0	0.60	0.078
Total		22.4	59.1	102.9	18.9	2.2

Taluk level Residue-wise Data for Olpad ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.56	0.73	1.7	0.31	0.039
Total		0.56	0.73	1.7	0.31	0.039

Taluk level Residue-wise Data for Palsana ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.5	1.5	3.7	0.61	0.077
Total		1.5	1.5	3.7	0.61	0.077

Taluk level Residue-wise Data for Sonagadh ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.3	0.92	5.3	1.4	0.18
Jowar	Stalks	1.9	3.1	5.2	1.0	0.14
Groundnut	Stalks	1.6	2.3	4.7	0.47	0.061
Groundnut	Shell	1.6	2.3	0.70	0.49	0.059
Paddy	Straw	0.99	2.8	4.2	0.42	0.051
Total		5.9	9.1	20.0	3.8	0.48

Taluk level Residue-wise Data for Surat City ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.1	1.1	4.5	0.95	0.12
Jowar	Stalks	1.6	2.5	4.3	0.86	0.11
Total		2.7	3.7	8.8	1.8	0.23

Taluk level Residue-wise Data for Uchchhal ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	2.3	3.8	9.0	1.7	0.21
Jowar	Stalks	1.2	1.9	3.2	0.63	0.082
Total		3.5	5.7	12.1	2.3	0.29

Taluk level Residue-wise Data for Umarpada ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	1.3	3.6	5.4	0.54	0.065
Paddy	Husk	1.3	3.6	0.72	0.58	0.064
Others	Others	0.65	0.64	1.7	0.30	0.039
Total		1.9	4.3	7.8	1.4	0.17

Taluk level Residue-wise Data for Valod ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	16.9	47.7	71.6	7.2	0.86
Paddy	Husk	16.9	47.7	9.5	7.6	0.84
Others	Others	0.23	0.37	0.88	0.20	0.026
Total		17.1	48.1	82.0	15.0	1.7

Taluk level Residue-wise Data for Vyara ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	2.2	1.7	5.4	0.94	0.12
Paddy	Straw	2.3	6.5	9.8	0.98	0.12
Paddy	Husk	2.3	6.5	1.3	1.0	0.11
Jowar	Stalks	0.78	1.3	2.1	0.43	0.055
Total		5.2	9.5	18.7	3.4	0.41

Taluk level Residue-wise Data for Chotila ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.3	1.6	3.7	0.66	0.082
Til	Stalks	4.5	1.8	4.6	0.46	0.060
Total		5.8	3.5	8.3	1.1	0.14

Taluk level Residue-wise Data for Chuda ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	3.7	7.5	15.1	1.5	0.20
Bajra	Cobs	3.7	7.5	2.5	1.2	0.16
Bajra	Husk	3.7	7.5	2.3	0.56	0.068
Til	Stalks	3.8	1.6	3.9	0.39	0.051
Others	Others	0.15	0.19	0.43	0.077	0.0096
Total		7.6	9.3	24.1	3.8	0.49

Taluk level Residue-wise Data for Dasada ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Til	Stalks	23.4	9.6	24.0	2.4	0.31
Bajra	Stalks	4.8	9.9	19.9	2.0	0.26
Bajra	Cobs	4.8	9.9	3.3	1.6	0.21
Groundnut	Stalks	3.8	4.6	9.2	0.92	0.12
Groundnut	Shell	3.8	4.6	1.4	0.97	0.12
Bajra	Husk	4.8	9.9	3.0	0.75	0.090
Total		32.0	24.1	60.8	8.7	1.1

Taluk level Residue-wise Data for Dhrangadhra ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	22.1	45.3	90.6	9.1	1.2
Bajra	Cobs	22.1	45.3	14.9	7.5	0.97
Bajra	Husk	22.1	45.3	13.6	3.4	0.41

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Til	Stalks	20.3	8.3	20.8	2.1	0.27
Groundnut	Stalks	2.9	3.5	7.0	0.70	0.091
Groundnut	Shell	2.9	3.5	1.1	0.74	0.088
Total		45.2	57.1	148.0	23.5	3.0

Taluk level Residue-wise Data for Halvad ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	18.3	37.4	74.9	7.5	0.97
Bajra	Cobs	18.3	37.4	12.4	6.2	0.80
Bajra	Husk	18.3	37.4	11.2	2.8	0.34
Til	Stalks	10.2	4.2	10.5	1.0	0.14
Groundnut	Stalks	2.7	3.3	6.5	0.65	0.085
Groundnut	Shell	2.7	3.3	0.98	0.69	0.082
Total		31.1	44.9	116.5	18.9	2.4

Taluk level Residue-wise Data for Lakhtar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Til	Stalks	8.1	3.3	8.4	0.84	0.11
Others	Others	0.46	0.56	1.3	0.23	0.029
Total		8.6	3.9	9.7	1.1	0.14

Taluk level Residue-wise Data for Limbdi ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	4.7	5.7	11.4	1.1	0.15
Til	Stalks	10.9	4.5	11.2	1.1	0.15
Groundnut	Shell	4.7	5.7	1.7	1.2	0.14
Others	Others	0.65	1.3	3.5	0.59	0.075
Total		16.2	11.5	27.9	4.0	0.51

Taluk level Residue-wise Data for Muli ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	10.1	12.3	24.6	2.5	0.32
Groundnut	Shell	10.1	12.3	3.7	2.6	0.31
Til	Stalks	18.6	7.6	19.1	1.9	0.25
Bajra	Stalks	4.3	8.7	17.5	1.8	0.23
Bajra	Cobs	4.3	8.7	2.9	1.4	0.19
Bajra	Husk	4.3	8.7	2.6	0.66	0.079
Total		33.0	28.7	70.4	10.8	1.4

Taluk level Residue-wise Data for Sayla ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	3.6	7.5	14.9	1.5	0.19
Bajra	Cobs	3.6	7.5	2.5	1.2	0.16
Others	Others	2.9	2.1	5.0	0.76	0.095
Bajra	Husk	3.6	7.5	2.2	0.56	0.067
Total		6.5	9.6	24.6	4.0	0.52

Taluk level Residue-wise Data for Vadhvan ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	26.2	53.8	107.7	10.8	1.4
Bajra	Cobs	26.2	53.8	17.8	8.9	1.2
Bajra	Husk	26.2	53.8	16.2	4.0	0.48
Til	Stalks	7.9	3.2	8.1	0.81	0.10
Others	Others	1.5	1.9	4.3	0.76	0.095
Total		35.6	58.9	153.9	25.3	3.2

Taluk level Residue-wise Data for Dangas ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	14.1	16.2	24.2	2.4	0.29

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Husk	14.1	16.2	3.2	2.6	0.28
Jowar	Stalks	5.5	6.3	10.7	2.1	0.28
Urad	Stalks	4.0	2.0	2.2	1.1	0.14
Groundnut	Stalks	4.3	3.6	7.2	0.72	0.093
Groundnut	Shell	4.3	3.6	1.1	0.76	0.091
Jowar	Cobs	5.5	6.3	3.2	0.63	0.088
Arhar	Stalks	4.1	2.6	6.5	0.65	0.084
Others	Others	0.28	0.28	1.6	0.68	0.082
Jowar	Husk	5.5	6.3	1.3	0.63	0.076
Total		32.3	30.9	61.1	12.3	1.5

Taluk level Residue-wise Data for Chhota-Udepur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	22.2	37.0	74.1	7.4	0.96
Maize	Cobs	22.2	37.0	11.1	5.6	0.78
Jowar	Stalks	1.9	2.0	3.4	0.69	0.089
Others	Others	0	0	1.4	0.40	0.053
Total		24.1	39.1	90.0	14.1	1.9

Taluk level Residue-wise Data for Dabhoi ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Arhar	Stalks	23.3	17.4	43.3	4.3	0.56
Arhar	Husk	23.3	17.4	5.2	2.6	0.31
Urad	Stalks	2.5	1.6	1.8	0.90	0.12
Maize	Stalks	2.6	4.3	8.6	0.86	0.11
Maize	Cobs	2.6	4.3	1.3	0.64	0.090
Others	Others	0.51	0.55	1.6	0.46	0.058
Total		28.9	23.9	61.8	9.8	1.3

Taluk level Residue-wise Data for Jetpur-Pavi ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	12.9	21.5	43.0	4.3	0.56
Maize	Cobs	12.9	21.5	6.5	3.2	0.45
Paddy	Straw	3.9	4.8	7.1	0.71	0.086
Paddy	Husk	3.9	4.8	0.95	0.76	0.084
Total		16.8	26.3	57.6	9.0	1.2

Taluk level Residue-wise Data for Karjan ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Arhar	Stalks	49.8	37.4	92.8	9.3	1.2
Arhar	Husk	49.8	37.4	11.1	5.6	0.67
Others	Others	0.36	0.60	1.4	0.21	0.028
Total		50.2	38.0	105.3	15.1	1.9

Taluk level Residue-wise Data for Kawant ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	2.4	4.1	8.1	0.81	0.11
Maize	Cobs	2.4	4.1	1.2	0.61	0.085
Total		2.4	4.1	9.3	1.4	0.19

Taluk level Residue-wise Data for Naswadi ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	37.4	45.7	68.6	6.9	0.82
Paddy	Husk	37.4	45.7	9.1	7.3	0.80
Maize	Stalks	2.0	3.3	6.6	0.66	0.086
Maize	Cobs	2.0	3.3	0.99	0.50	0.070
Total		39.4	49.0	85.3	15.3	1.8

Taluk level Residue-wise Data for Padra ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	4.1	6.9	13.7	1.4	0.18
Maize	Cobs	4.1	6.9	2.1	1.0	0.14
Urad	Stalks	1.4	0.92	1.0	0.50	0.066
Others	Others	0	0	0.18	0.092	0.011
Total		5.5	7.8	17.0	3.0	0.40

Taluk level Residue-wise Data for Sankheda ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	6.8	11.3	22.6	2.3	0.29
Maize	Cobs	6.8	11.3	3.4	1.7	0.24
Urad	Stalks	4.4	2.9	3.1	1.6	0.20
Arhar	Stalks	8.0	6.0	14.9	1.5	0.19
Arhar	Husk	8.0	6.0	1.8	0.89	0.11
Others	Others	0	0	1.7	0.60	0.076
Jowar	Stalks	1.5	1.6	2.7	0.54	0.070
Total		20.7	21.8	50.2	9.1	1.2

Taluk level Residue-wise Data for Savli ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Arhar	Stalks	14.6	10.9	27.1	2.7	0.35
Paddy	Straw	13.7	16.7	25.1	2.5	0.30
Paddy	Husk	13.7	16.7	3.4	2.7	0.29
Arhar	Husk	14.6	10.9	3.3	1.6	0.20
Jowar	Stalks	2.7	3.0	5.0	1.00	0.13
Maize	Stalks	2.3	3.8	7.5	0.75	0.098
Others	Others	0	0	2.3	0.70	0.090
Urad	Stalks	1.8	1.1	1.3	0.63	0.082
Maize	Cobs	2.3	3.8	1.1	0.57	0.079
Total		35.0	35.5	76.1	13.2	1.6

Taluk level Residue-wise Data for Shinor ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.00089	0.0015	0.0034	0.00052	7.00E-05
Total		0.00089	0.0015	0.0034	0.00052	7.00E-05

Taluk level Residue-wise Data for Vadodara ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	2.1	3.5	7.0	0.70	0.091
Maize	Cobs	2.1	3.5	1.1	0.53	0.074
Others	Others	0.92	0.60	0.78	0.39	0.050
Total		3.0	4.1	8.8	1.6	0.21

Taluk level Residue-wise Data for Vaghodiya ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	7.9	13.2	26.4	2.6	0.34
Maize	Cobs	7.9	13.2	4.0	2.0	0.28
Urad	Stalks	2.2	1.4	1.6	0.79	0.10
Others	Others	0	0	0.29	0.14	0.017
Total		10.1	14.6	32.3	5.6	0.74

Taluk level Residue-wise Data for Dharampur ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	1.2	3.0	4.6	0.46	0.055
Paddy	Husk	1.2	3.0	0.61	0.49	0.053
Others	Others	0.50	0.28	0.84	0.42	0.052
Arhar	Stalks	3.0	1.6	4.0	0.40	0.052
Total		4.8	4.9	10.0	1.8	0.21

Taluk level Residue-wise Data for Kaprada ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	8.8	21.6	32.4	3.2	0.39
Paddy	Husk	8.8	21.6	4.3	3.5	0.38
Others	Others	2.2	1.2	2.4	0.64	0.081
Total		11.0	22.8	39.1	7.3	0.85

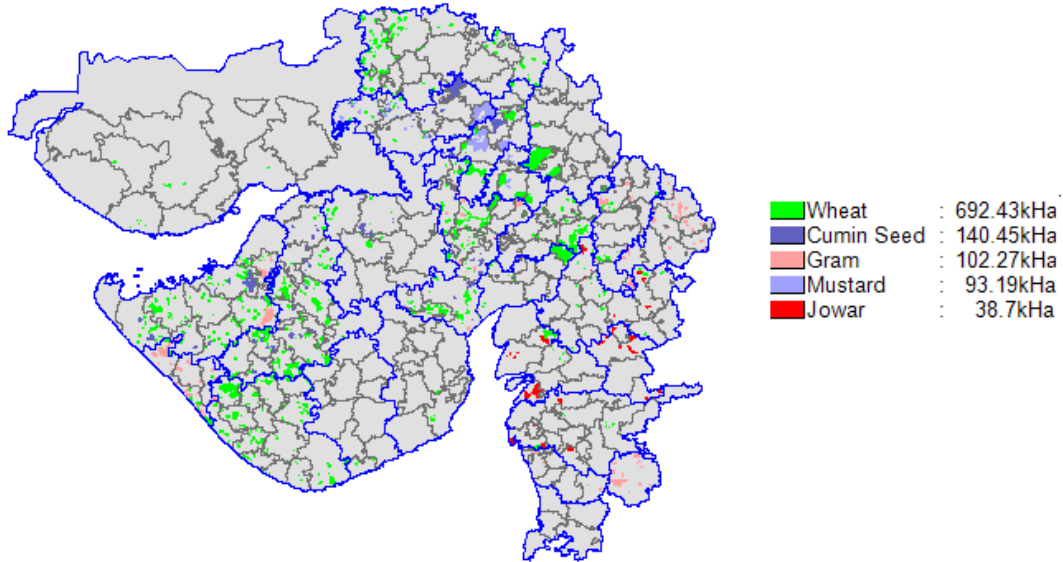
Taluk level Residue-wise Data for Pardi ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	1.7	4.3	6.4	0.64	0.077
Paddy	Husk	1.7	4.3	0.85	0.68	0.075
Others	Others	0.59	0.33	0.50	0.20	0.026
Total		2.3	4.6	7.7	1.5	0.18

Taluk level Residue-wise Data for Umargaon ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	5.0	12.4	18.5	1.9	0.22
Paddy	Husk	5.0	12.4	2.5	2.0	0.22
Urad	Stalks	2.1	1.2	1.3	0.67	0.087
Others	Others	1.1	0.60	1.9	0.36	0.044
Total		8.3	14.2	24.2	4.9	0.57

Taluk level Residue-wise Data for Valsad ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	43.1	106.1	158.9	15.9	1.9
Paddy	Husk	43.1	106.1	21.2	17.0	1.9
Others	Others	1.0	0.56	1.2	0.29	0.036
Total		44.1	106.6	181.3	33.1	3.8

Rabi

Gujarat-Rabi



State Level Residue Wise

State level Residue-wise Data for Gujarat; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	692.4	1505.0	451.4	225.7	31.6
Wheat	Stalks	692.4	1505.0	2257.0	225.7	29.3
Cuminseed	Stalks	140.5	51.7	80.0	64.0	9.0
Gram	Stalks	102.3	64.2	70.7	56.6	7.4
Mustard	Husk	93.2	114.1	34.2	32.5	3.9
Mustard	Stalks	93.2	114.1	205.4	20.5	2.7
Jowar	Stalks	38.7	45.5	77.2	15.4	2.0
Jowar	Cobs	38.7	45.5	22.7	4.5	0.64
Jowar	Husk	38.7	45.5	9.1	4.5	0.55
Total		1067.1	1780.6	3207.7	649.5	87.0

State Level District Wise

State level District-wise Data for Gujarat ; Season : Rabi					
District	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Junagadh	95.4	293.9	528.4	88.1	11.9
Rajkot	116.0	226.8	404.1	85.3	11.6
Ahmedabad	138.3	154.5	273.1	53.6	7.2
Jamnagar	86.6	128.6	218.3	53.2	7.1
Mahesana	87.4	140.1	266.0	53.7	7.0
Patan	81.4	76.1	150.4	42.9	5.6
Kheda	50.5	98.1	176.2	29.4	4.0
Surendranagar	50.1	53.6	94.2	24.3	3.3
Gandhinagar	32.6	75.1	137.8	24.1	3.2
Sabarkantha	47.6	77.0	138.6	23.1	3.1
Banaskantha	35.9	76.5	137.6	22.9	3.1
Anand	35.4	68.6	123.3	20.6	2.8
Bharuch	39.8	48.9	102.1	20.3	2.7
Panchmahal	32.2	41.8	70.3	16.7	2.2
Porbander	17.4	23.9	33.7	15.0	2.0
Dahod	27.1	16.9	18.8	14.6	1.9
Kachchh	17.8	43.4	78.1	13.0	1.8
Vadodara	19.4	35.8	69.1	12.6	1.7
Amreli	14.0	34.3	61.7	10.3	1.4
Bhavnagar	13.9	32.2	58.1	9.7	1.3
Surat	14.5	24.6	49.4	9.4	1.2
Narmada	5.0	5.6	13.5	3.0	0.40
Thehangs	6.0	3.0	3.3	2.7	0.35
Navsari	2.5	1.3	1.4	1.1	0.15
Total	1067.1	1780.6	3207.7	649.5	87.0

State Level Taluk Wise

State level Taluk-wise Data for Gujarat ; Season : Rabi						
District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Mahesana	Mahesana	44.7	69.3	136.4	27.3	3.5
Kheda	Thasara	39.4	76.4	137.3	22.9	3.1
Junagadh	Maliya	23.6	72.7	130.7	21.8	2.9
Rajkot	Morvi	30.3	40.2	70.2	20.5	2.8
Sabarkantha	Prantij	38.3	62.0	111.6	18.6	2.5
Patan	Unjha	30.9	38.0	79.7	17.7	2.2
Rajkot	Jetpur	20.2	49.0	88.0	15.8	2.1
Junagadh	Manavadar	16.7	51.6	92.7	15.5	2.1
Anand	Umreth	24.6	47.8	85.9	14.3	1.9
Jamnagar	Kalavad	21.1	30.2	48.2	14.2	1.9
Banaskantha	Vav	21.1	45.0	81.0	13.5	1.8
Ahmedabad	Sanand	32.3	41.8	75.1	13.0	1.7
Gandhinagar	Gandhinagar	17.0	41.6	75.7	13.0	1.7
Jamnagar	Jamnagar	21.1	30.7	54.7	11.6	1.6
Patan	Vagdod	24.5	8.9	13.6	10.9	1.5
Porbander	Porbandar	13.0	19.5	28.6	11.3	1.5
Rajkot	Gondal	13.4	32.5	58.4	10.4	1.4
Jamnagar	Dhrol	15.5	16.2	23.5	9.9	1.3
Amreli	Jafrabad	13.1	31.9	57.4	9.6	1.3
Rajkot	Rajkot	12.0	29.4	52.9	9.4	1.3
Bhavnagar	Talaja	12.9	29.9	53.8	9.0	1.2
Junagadh	Visavadar	9.3	28.6	51.4	8.6	1.2
Surendranagar	Dhrangadhra	18.1	13.1	22.4	8.2	1.1
Mahesana	Kadi	11.8	26.1	47.0	8.2	1.1
Junagadh	Bhesan	7.9	24.4	43.8	7.3	0.99
Ahmedabad	Barwala	18.0	23.2	41.6	7.2	0.97
Ahmedabad	Dholka	18.9	12.5	21.3	7.0	0.96
Mahesana	Vadnagar	9.8	23.1	41.7	6.9	0.94
Panchmahal	Kalol(Panchmahals)	13.4	22.2	39.9	6.9	0.93
Surendranagar	Halvad	12.8	19.7	35.3	6.8	0.92
Rajkot	Paddhari	8.4	22.4	40.5	6.7	0.91
Bharuch	Amod	14.5	18.5	36.5	6.8	0.91
Rajkot	Jamkandorna	8.7	18.1	32.3	6.5	0.88
Junagadh	Mangrol	7.1	21.8	39.2	6.5	0.88

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bharuch	Hansot	11.2	12.6	30.1	6.8	0.88
Dahod	Jhalod	12.6	7.7	8.4	6.7	0.87
Junagadh	Junagadh	6.4	19.8	35.7	5.9	0.80
Panchmahal	Lunawada	10.8	14.2	24.0	5.6	0.75
Gandhinagar	Dehgam	6.9	18.5	33.2	5.5	0.75
Ahmedabad	Daskroi	15.3	14.5	24.6	5.5	0.74
Kachchh	Bhuj	7.5	18.3	32.8	5.5	0.74
Ahmedabad	Dhandhuka	14.6	14.6	25.3	5.5	0.74
Kheda	Kathlal	9.4	18.2	32.7	5.4	0.74
Anand	Tarapur	9.2	17.8	32.0	5.3	0.72
Ahmedabad	Bavla	13.1	15.9	28.3	5.2	0.70
Junagadh	Veraval	5.6	17.2	30.9	5.2	0.70
Ahmedabad	Detroj-Rampur	12.4	16.7	30.1	5.0	0.68
Jamnagar	Khambhaliya	6.7	16.4	29.6	4.9	0.67
Jamnagar	Jamjodhpur	7.8	14.3	25.6	4.8	0.65
Junagadh	Keshod	5.2	16.1	29.0	4.8	0.65
Mahesana	Vijapur	9.0	10.8	22.6	5.1	0.63
Junagadh	Una	5.1	15.6	28.0	4.7	0.63
Rajkot	Vankaner	7.1	6.1	10.3	4.5	0.62
Surendranagar	Muli	9.2	10.7	18.8	4.5	0.62
Junagadh	Vanthali	4.9	15.0	26.9	4.5	0.61
Patan	Santalpur	8.4	8.9	17.3	4.6	0.59
Rajkot	Kotdasangani	5.2	11.8	21.1	4.0	0.54
Patan	Sami	7.7	8.0	16.1	4.2	0.53
Sabarkantha	Talod	8.0	12.9	23.3	3.9	0.52
Kachchh	Mandvi	5.2	12.8	23.0	3.8	0.52
Patan	Radhanpur	6.7	8.8	17.4	3.9	0.50
Mahesana	Visnagar	8.0	2.9	4.5	3.6	0.50
Banaskantha	Tharad	5.8	12.3	22.1	3.7	0.50
Bharuch	Bharuch	8.9	12.0	21.7	3.6	0.49
Surendranagar	Vadhvan	6.8	9.0	16.0	3.4	0.47
Ahmedabad	Ranpur	8.7	10.6	18.9	3.4	0.46
Surat	Mandvi	6.4	11.2	20.1	3.3	0.45
Dahod	Ghoghamba	6.0	3.7	4.0	3.2	0.42
Rajkot	Jasdan	4.5	5.5	9.6	3.0	0.41
Vadodara	Vaghodiya	4.4	10.2	18.4	3.1	0.41
Bharuch	Vagara	5.2	5.8	13.9	3.1	0.41

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Vadodara	Savli	4.5	7.0	14.4	2.8	0.37
Gandhinagar	Kalol	3.6	9.0	16.3	2.8	0.37
Gandhinagar	Mansa	5.1	6.0	12.7	2.8	0.35
Thedangs	Dangs	6.0	3.0	3.3	2.7	0.35
Jamnagar	Bhanvad	5.7	4.5	7.8	2.4	0.33
Banaskantha	Danta	3.6	7.7	13.9	2.3	0.31
Kachchh	Bhachau	3.1	7.5	13.4	2.2	0.30
Vadodara	Sankheda	3.8	4.7	10.6	2.2	0.29
Porbander	Ranavav	2.7	2.5	2.8	2.3	0.29
Jamnagar	Kalyanpur	3.4	5.6	10.0	2.0	0.27
Dahod	Garbada	3.7	2.3	2.5	2.0	0.26
Jamnagar	Jodiya	2.9	5.7	10.3	1.9	0.25
Mahesana	Satlasana	2.6	6.1	10.9	1.8	0.25
Rajkot	Upleta	2.3	6.0	10.9	1.8	0.25
Surat	Choryasi	2.3	3.8	8.4	1.8	0.23
Narmada	Nandod	2.9	3.3	7.8	1.8	0.23
Banaskantha	Amirgadh	2.6	5.6	10.1	1.7	0.23
Vadodara	Chhota-Udepur	2.2	5.0	8.9	1.5	0.20
Kachchh	Nakhtrana	2.0	4.9	8.9	1.5	0.20
Panchmahal	Jambughoda	2.8	1.7	1.9	1.5	0.20
Porbander	Kutiyana	1.7	1.9	2.3	1.5	0.19
Jamnagar	Lalpur	1.9	4.7	8.4	1.4	0.19
Surat	Surat City	1.7	2.7	6.4	1.4	0.19
Surendranagar	Chuda	3.1	1.1	1.7	1.3	0.19
Junagadh	Talala	1.4	4.2	7.5	1.2	0.17
Rajkot	Dhoraji	1.9	1.9	3.3	1.2	0.17
Patan	Harij	2.2	2.4	4.3	1.2	0.16
Surat	Sonagadh	2.1	3.8	6.8	1.1	0.15
Vadodara	Jetpur-Pavi	1.8	3.1	6.1	1.1	0.15
Ahmedabad	Viramgam	2.7	3.2	5.8	1.1	0.15
Dahod	Limkheda	1.9	1.5	1.9	1.1	0.14
Panchmahal	Santrampur	1.9	1.7	2.4	1.0	0.13
Dahod	Dahod	1.8	1.1	1.2	0.98	0.13
Narmada	Sagbara	1.6	1.8	4.3	0.96	0.13
Panchmahal	Halol	1.7	1.1	1.2	0.93	0.12
Mahesana	Becharaji	1.5	1.7	3.0	0.84	0.11
Navsari	Jalalpur	1.9	0.95	1.1	0.84	0.11

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Junagadh	Kodinar	0.86	2.7	4.8	0.80	0.11
Junagadh	Sutrapada	0.84	2.6	4.7	0.78	0.10
Rajkot	Lodhika	1.0	1.8	3.2	0.74	0.10
Banaskantha	Bhabhar	1.2	2.5	4.4	0.74	0.100
Vadodara	Karjan	1.0	2.4	4.3	0.71	0.096
Bhavnagar	Shihor	1.0	2.4	4.3	0.71	0.096
Anand	Khambhat	1.2	2.3	4.1	0.68	0.091
Rajkot	Tankara	0.93	1.6	2.8	0.66	0.090
Sabarkantha	Himatnagar	1.3	2.1	3.8	0.63	0.085
Ahmedabad	Mandal	2.0	1.1	1.6	0.63	0.083
Surat	Mahuva	0.73	1.2	2.8	0.63	0.082
Surat	Vyara	0.67	1.1	2.6	0.58	0.075
Banaskantha	Kankrej	0.83	1.8	3.2	0.53	0.071
Junagadh	Mendarda	0.56	1.7	3.1	0.52	0.070
Surat	Mangrol	0.61	0.98	2.4	0.53	0.069
Kheda	Kapadvanj	0.86	1.7	3.0	0.50	0.068
Panchmahal	Godhara	0.82	0.50	0.55	0.44	0.057
Vadodara	Naswadi	0.62	1.1	2.1	0.40	0.053
Vadodara	Vadodara	0.55	1.3	2.3	0.38	0.051
Amreli	Dhari	0.51	1.3	2.3	0.38	0.051
Amreli	Savarkundla	0.47	1.1	2.0	0.34	0.046
Patan	Chanasma	0.62	0.72	1.4	0.35	0.045
Dahod	Fatepura	0.64	0.39	0.43	0.34	0.044
Panchmahal	Kadana	0.59	0.36	0.40	0.32	0.041
Narmada	Tilakwada	0.52	0.58	1.4	0.31	0.041
Kheda	Balasinor	0.48	0.93	1.7	0.28	0.038
Vadodara	Dabhoi	0.32	0.75	1.3	0.22	0.030
Banaskantha	Dhanera	0.31	0.67	1.2	0.20	0.027
Navsari	Vansda	0.46	0.23	0.25	0.20	0.026
Patan	Patan	0.37	0.32	0.54	0.19	0.026
Anand	Borsad	0.33	0.64	1.1	0.19	0.026
Dahod	Dhanpur	0.37	0.22	0.25	0.20	0.026
Banaskantha	Dantiwada	0.23	0.49	0.87	0.15	0.020
Jamnagar	Okhamandal	0.30	0.24	0.42	0.13	0.018
Vadodara	Padra	0.18	0.41	0.75	0.12	0.017
Rajkot	Maliya	0.15	0.41	0.73	0.12	0.017
Kheda	Mahudha	0.19	0.38	0.68	0.11	0.015

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kheda	Virpur	0.19	0.37	0.66	0.11	0.015
Ahmedabad	Ahamdabad City	0.26	0.35	0.63	0.11	0.014
Navsari	Chikhli	0.18	0.090	0.100	0.080	0.010
Banaskantha	Vadgam	0.11	0.24	0.44	0.073	0.0098
Panchmahal	Khanpur	0.081	0.050	0.054	0.043	0.0057
Kheda	Mahemdabad	0.071	0.14	0.25	0.041	0.0055
Banaskantha	Deesa	0.060	0.13	0.23	0.038	0.0052
Anand	Anklav	0.057	0.11	0.20	0.033	0.0045
Banaskantha	Palanpur	0.052	0.11	0.20	0.033	0.0045
Dahod	Devgadhbaria	0.044	0.027	0.030	0.024	0.0031
Patan	Sidhpur	0.049	0.018	0.028	0.022	0.0031
Navsari	Navsari	0.0062	0.0031	0.0034	0.0027	0.00036
Kheda	Nadiad	0.0026	0.0050	0.0089	0.0015	0.00020
Kheda	Matar	0.0012	0.0024	0.0043	0.00072	9.74E-05
Vadodara	Shinor	0.00040	0.00093	0.0017	0.00028	3.75E-05
Anand	Sojitra	0.00044	0.00085	0.0015	0.00025	3.44E-05
Mahesana	Kheralu	0.00027	9.72E-05	0.00015	0.00012	1.67E-05
Anand	Anand	0.00015	0.00030	0.00054	8.95E-05	1.21E-05
Panchmahal	Shahera	8.60E-05	5.25E-05	5.75E-05	4.60E-05	5.98E-06
Anand	Petlad	2.20E-05	4.27E-05	7.67E-05	1.28E-05	1.73E-06
Navsari	Gandevi	1.00E-06	5.00E-07	5.54E-07	4.44E-07	5.77E-08
Total		1067.1	1780.6	3207.7	649.5	87.0

District Level Residue Wise

District level Residue-wise Data for Ahmedabad; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	107.0	144.5	43.4	21.7	3.0
Wheat	Stalks	107.0	144.5	216.9	21.7	2.8
Gram	Stalks	17.9	6.1	6.7	5.4	0.70
Cuminseed	Stalks	13.3	3.9	6.0	4.8	0.68
Total		138.3	154.5	273.1	53.6	7.2

District level Residue-wise Data for Amreli; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	14.0	34.3	10.3	5.1	0.72
Wheat	Stalks	14.0	34.3	51.4	5.1	0.67
Total		14.0	34.3	61.7	10.3	1.4

District level Residue-wise Data for Anand; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	35.4	68.6	20.6	10.3	1.4
Wheat	Stalks	35.4	68.6	102.8	10.3	1.3
Total		35.4	68.6	123.3	20.6	2.8

District level Residue-wise Data for Banaskantha; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	35.9	76.5	22.9	11.5	1.6
Wheat	Stalks	35.9	76.5	114.7	11.5	1.5
Total		35.9	76.5	137.6	22.9	3.1

District level Residue-wise Data for Bharuch; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jowar	Stalks	21.2	23.8	40.3	8.1	1.0
Wheat	Pod	18.6	25.1	7.5	3.8	0.53
Wheat	Stalks	18.6	25.1	37.7	3.8	0.49
Jowar	Cobs	21.2	23.8	11.8	2.4	0.33
Jowar	Husk	21.2	23.8	4.7	2.4	0.28
Total		39.8	48.9	102.1	20.3	2.7

District level Residue-wise Data for Bhavnagar; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	13.9	32.2	9.7	4.8	0.68
Wheat	Stalks	13.9	32.2	48.4	4.8	0.63
Total		13.9	32.2	58.1	9.7	1.3

District level Residue-wise Data for Dahod; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	27.0	16.5	18.1	14.5	1.9
Others	Others	0.058	0.39	0.71	0.12	0.016
Total		27.1	16.9	18.8	14.6	1.9

District level Residue-wise Data for Gandhinagar; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	24.7	65.7	19.7	9.8	1.4
Wheat	Stalks	24.7	65.7	98.3	9.8	1.3
Mustard	Husk	7.9	9.4	2.8	2.7	0.32
Mustard	Stalks	7.9	9.4	17.0	1.7	0.22
Total		32.6	75.1	137.8	24.1	3.2

District level Residue-wise Data for Jamnagar; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	43.7	106.6	32.0	16.0	2.2
Wheat	Stalks	43.7	106.6	159.8	16.0	2.1
Gram	Stalks	22.9	16.7	18.5	14.8	1.9
Cuminseed	Stalks	19.9	5.2	8.1	6.5	0.91
Total		86.6	128.6	218.3	53.2	7.1

District level Residue-wise Data for Junagadh; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	95.4	293.9	88.1	44.0	6.2
Wheat	Stalks	95.4	293.9	440.3	44.0	5.7
Total		95.4	293.9	528.4	88.1	11.9

District level Residue-wise Data for Kachchh; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	17.8	43.4	13.0	6.5	0.91
Wheat	Stalks	17.8	43.4	65.1	6.5	0.85
Total		17.8	43.4	78.1	13.0	1.8

District level Residue-wise Data for Kheda; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	50.5	98.1	29.4	14.7	2.1
Wheat	Stalks	50.5	98.1	146.8	14.7	1.9
Total		50.5	98.1	176.2	29.4	4.0

District level Residue-wise Data for Mahesana; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	36.7	86.9	26.1	13.0	1.8
Wheat	Stalks	36.7	86.9	130.4	13.0	1.7
Mustard	Husk	40.2	49.4	14.8	14.1	1.7
Mustard	Stalks	40.2	49.4	88.9	8.9	1.2
Cuminseed	Stalks	10.5	3.8	5.8	4.7	0.65
Total		87.4	140.1	266.0	53.7	7.0

District level Residue-wise Data for Narmada; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jowar	Stalks	5.0	5.6	9.6	1.9	0.25
Jowar	Cobs	5.0	5.6	2.8	0.56	0.079
Jowar	Husk	5.0	5.6	1.1	0.56	0.068
Total		5.0	5.6	13.5	3.0	0.40

District level Residue-wise Data for Navsari; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	2.5	1.3	1.4	1.1	0.15
Total		2.5	1.3	1.4	1.1	0.15

District level Residue-wise Data for Panchmahal; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	11.8	7.2	7.9	6.3	0.82
Wheat	Pod	20.4	34.6	10.4	5.2	0.73
Wheat	Stalks	20.4	34.6	52.0	5.2	0.68
Total		32.2	41.8	70.3	16.7	2.2

District level Residue-wise Data for Patan; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cuminseed	Stalks	32.6	11.7	18.0	14.4	2.0
Mustard	Husk	45.0	55.3	16.6	15.8	1.9
Mustard	Stalks	45.0	55.3	99.5	9.9	1.3
Wheat	Pod	3.8	9.1	2.7	1.4	0.19
Wheat	Stalks	3.8	9.1	13.6	1.4	0.18
Total		81.4	76.1	150.4	42.9	5.6

District level Residue-wise Data for Porbander; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	13.9	13.4	14.8	11.8	1.5
Wheat	Pod	3.4	10.5	3.2	1.6	0.22
Wheat	Stalks	3.4	10.5	15.8	1.6	0.20
Total		17.4	23.9	33.7	15.0	2.0

District level Residue-wise Data for Rajkot; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	77.8	208.5	62.6	31.3	4.4
Wheat	Stalks	77.8	208.5	313.2	31.3	4.1
Cuminseed	Stalks	38.2	18.3	28.4	22.7	3.2
Total		116.0	226.8	404.1	85.3	11.6

District level Residue-wise Data for Sabarkantha; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	47.6	77.0	23.1	11.5	1.6
Wheat	Stalks	47.6	77.0	115.5	11.5	1.5
Total		47.6	77.0	138.6	23.1	3.1

District level Residue-wise Data for Surat; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jowar	Stalks	5.3	8.5	14.4	2.9	0.37
Wheat	Pod	9.2	16.2	4.8	2.4	0.34
Wheat	Stalks	9.2	16.2	24.2	2.4	0.31
Jowar	Cobs	5.3	8.5	4.2	0.85	0.12
Jowar	Husk	5.3	8.5	1.7	0.85	0.10
Total		14.5	24.6	49.4	9.4	1.2

District level Residue-wise Data for Surendranagar; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cuminseed	Stalks	25.8	8.8	13.6	10.9	1.5
Wheat	Pod	24.2	44.8	13.4	6.7	0.94
Wheat	Stalks	24.2	44.8	67.2	6.7	0.87
Total		50.1	53.6	94.2	24.3	3.3

District level Residue-wise Data for Thedangs; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	6.0	3.0	3.3	2.7	0.35
Total		6.0	3.0	3.3	2.7	0.35

District level Residue-wise Data for Vadodara; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	12.3	28.2	8.5	4.2	0.59
Wheat	Stalks	12.3	28.2	42.3	4.2	0.55
Jowar	Stalks	7.1	7.6	13.0	2.6	0.34
Jowar	Cobs	7.1	7.6	3.8	0.76	0.11
Jowar	Husk	7.1	7.6	1.5	0.76	0.092
Total		19.4	35.8	69.1	12.6	1.7

District Level Taluk Wise

DistrictLevel Taluk-wise Data for Ahmedabad ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sanand	32.3	41.8	75.1	13.0	1.7
Barwala	18.0	23.2	41.6	7.2	0.97
Dholka	18.9	12.5	21.3	7.0	0.96
Daskroi	15.3	14.5	24.6	5.5	0.74

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Dhandhuka	14.6	14.6	25.3	5.5	0.74
Bavla	13.1	15.9	28.3	5.2	0.70
Detroj-Rampur	12.4	16.7	30.1	5.0	0.68
Ranpur	8.7	10.6	18.9	3.4	0.46
Viramgam	2.7	3.2	5.8	1.1	0.15
Mandal	2.0	1.1	1.6	0.63	0.083
Ahamdabad City	0.26	0.35	0.63	0.11	0.014
Total		138.3	154.5	273.1	53.6

DistrictLevel Taluk-wise Data for Amreli ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jafrabad	13.1	31.9	57.4	9.6	1.3
Dhari	0.51	1.3	2.3	0.38	0.051
Savarkundla	0.47	1.1	2.0	0.34	0.046
Total		14.0	34.3	61.7	10.3

DistrictLevel Taluk-wise Data for Anand ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Umreth	24.6	47.8	85.9	14.3	1.9
Tarapur	9.2	17.8	32.0	5.3	0.72
Khambhat	1.2	2.3	4.1	0.68	0.091
Borsad	0.33	0.64	1.1	0.19	0.026
Anklav	0.057	0.11	0.20	0.033	0.0045
Sojitra	0.00044	0.00085	0.0015	0.00025	3.44E-05
Anand	0.00015	0.00030	0.00054	8.95E-05	1.21E-05
Petlad	2.20E-05	4.27E-05	7.67E-05	1.28E-05	1.73E-06
Total		35.4	68.6	123.3	20.6

DistrictLevel Taluk-wise Data for Banaskantha ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Vav	21.1	45.0	81.0	13.5	1.8
Tharad	5.8	12.3	22.1	3.7	0.50
Danta	3.6	7.7	13.9	2.3	0.31
Amirgadh	2.6	5.6	10.1	1.7	0.23
Bhabhar	1.2	2.5	4.4	0.74	0.100
Kankrej	0.83	1.8	3.2	0.53	0.071
Dhanera	0.31	0.67	1.2	0.20	0.027
Dantiwada	0.23	0.49	0.87	0.15	0.020
Vadgam	0.11	0.24	0.44	0.073	0.0098
Deesa	0.060	0.13	0.23	0.038	0.0052
Palanpur	0.052	0.11	0.20	0.033	0.0045
Total		35.9	76.5	137.6	22.9

DistrictLevel Taluk-wise Data for Bharuch ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Amod	14.5	18.5	36.5	6.8	0.91
Hansot	11.2	12.6	30.1	6.8	0.88
Bharuch	8.9	12.0	21.7	3.6	0.49
Vagara	5.2	5.8	13.9	3.1	0.41
Total		39.8	48.9	102.1	20.3

DistrictLevel Taluk-wise Data for Bhavnagar ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Talaja	12.9	29.9	53.8	9.0	1.2
Shihor	1.0	2.4	4.3	0.71	0.096
Total		13.9	32.2	58.1	9.7

DistrictLevel Taluk-wise Data for Dahod ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jhalod	12.6	7.7	8.4	6.7	0.87
Ghoghamba	6.0	3.7	4.0	3.2	0.42
Garbada	3.7	2.3	2.5	2.0	0.26
Limkheda	1.9	1.5	1.9	1.1	0.14
Dahod	1.8	1.1	1.2	0.98	0.13
Fatepura	0.64	0.39	0.43	0.34	0.044
Dhanpur	0.37	0.22	0.25	0.20	0.026
Devgadhbharia	0.044	0.027	0.030	0.024	0.0031
Total		27.1	16.9	18.8	14.6

DistrictLevel Taluk-wise Data for Gandhinagar ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gandhinagar	17.0	41.6	75.7	13.0	1.7
Dehgam	6.9	18.5	33.2	5.5	0.75
Kalol	3.6	9.0	16.3	2.8	0.37
Mansa	5.1	6.0	12.7	2.8	0.35
Total		32.6	75.1	137.8	24.1

DistrictLevel Taluk-wise Data for Jamnagar ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kalavad	21.1	30.2	48.2	14.2	1.9
Jamnagar	21.1	30.7	54.7	11.6	1.6
Dhrol	15.5	16.2	23.5	9.9	1.3
Khambhaliya	6.7	16.4	29.6	4.9	0.67
Jamjodhpur	7.8	14.3	25.6	4.8	0.65
Bhanvad	5.7	4.5	7.8	2.4	0.33
Kalyanpur	3.4	5.6	10.0	2.0	0.27
Jodiya	2.9	5.7	10.3	1.9	0.25
Lalpur	1.9	4.7	8.4	1.4	0.19
Okhamandal	0.30	0.24	0.42	0.13	0.018
Total		86.6	128.6	218.3	53.2

DistrictLevel Taluk-wise Data for Junagadh ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maliya	23.6	72.7	130.7	21.8	2.9
Manavadar	16.7	51.6	92.7	15.5	2.1
Visavadar	9.3	28.6	51.4	8.6	1.2
Bhesan	7.9	24.4	43.8	7.3	0.99
Mangrol	7.1	21.8	39.2	6.5	0.88
Junagadh	6.4	19.8	35.7	5.9	0.80
Veraval	5.6	17.2	30.9	5.2	0.70
Keshod	5.2	16.1	29.0	4.8	0.65
Una	5.1	15.6	28.0	4.7	0.63
Vanthali	4.9	15.0	26.9	4.5	0.61
Talala	1.4	4.2	7.5	1.2	0.17
Kodinar	0.86	2.7	4.8	0.80	0.11
Sutrapada	0.84	2.6	4.7	0.78	0.10
Mendarda	0.56	1.7	3.1	0.52	0.070
Total		95.4	293.9	528.4	88.1

DistrictLevel Taluk-wise Data for Kachchh ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bhuj	7.5	18.3	32.8	5.5	0.74
Mandvi	5.2	12.8	23.0	3.8	0.52
Bhachau	3.1	7.5	13.4	2.2	0.30
Nakhtrana	2.0	4.9	8.9	1.5	0.20
Total		17.8	43.4	78.1	13.0

DistrictLevel Taluk-wise Data for Kheda ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Thasara	39.4	76.4	137.3	22.9	3.1
Kathlal	9.4	18.2	32.7	5.4	0.74
Kapadvanj	0.86	1.7	3.0	0.50	0.068

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Balasinor	0.48	0.93	1.7	0.28	0.038
Mahudha	0.19	0.38	0.68	0.11	0.015
Virpur	0.19	0.37	0.66	0.11	0.015
Mahemdabad	0.071	0.14	0.25	0.041	0.0055
Nadiad	0.0026	0.0050	0.0089	0.0015	0.00020
Matar	0.0012	0.0024	0.0043	0.00072	9.74E-05
Total		50.5	98.1	176.2	29.4

DistrictLevel Taluk-wise Data for Mahesana ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Mahesana	44.7	69.3	136.4	27.3	3.5
Kadi	11.8	26.1	47.0	8.2	1.1
Vadnagar	9.8	23.1	41.7	6.9	0.94
Vijapur	9.0	10.8	22.6	5.1	0.63
Visnagar	8.0	2.9	4.5	3.6	0.50
Satlasana	2.6	6.1	10.9	1.8	0.25
Becharaji	1.5	1.7	3.0	0.84	0.11
Kheralu	0.00027	9.72E-05	0.00015	0.00012	1.67E-05
Total		87.4	140.1	266.0	53.7

DistrictLevel Taluk-wise Data for Narmada ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Nandod	2.9	3.3	7.8	1.8	0.23
Sagbara	1.6	1.8	4.3	0.96	0.13
Tilakwada	0.52	0.58	1.4	0.31	0.041
Total		5.0	5.6	13.5	3.0

DistrictLevel Taluk-wise Data for Navsari ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jalalpur	1.9	0.95	1.1	0.84	0.11
Vansda	0.46	0.23	0.25	0.20	0.026
Chikhli	0.18	0.090	0.100	0.080	0.010
Navsari	0.0062	0.0031	0.0034	0.0027	0.00036
Gandevi	1.00E-06	5.00E-07	5.54E-07	4.44E-07	5.77E-08
Total		2.5	1.3	1.4	1.1

DistrictLevel Taluk-wise Data for Panchmahal ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kalol(Panchmahals)	13.4	22.2	39.9	6.9	0.93
Lunawada	10.8	14.2	24.0	5.6	0.75
Jambughoda	2.8	1.7	1.9	1.5	0.20
Santrampur	1.9	1.7	2.4	1.0	0.13
Halol	1.7	1.1	1.2	0.93	0.12
Godhara	0.82	0.50	0.55	0.44	0.057
Kadana	0.59	0.36	0.40	0.32	0.041
Khanpur	0.081	0.050	0.054	0.043	0.0057
Shahera	8.60E-05	5.25E-05	5.75E-05	4.60E-05	5.98E-06
Total		32.2	41.8	70.3	16.7

DistrictLevel Taluk-wise Data for Patan ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Unjha	30.9	38.0	79.7	17.7	2.2
Vagdod	24.5	8.9	13.6	10.9	1.5
Santalpur	8.4	8.9	17.3	4.6	0.59
Sami	7.7	8.0	16.1	4.2	0.53
Radhanpur	6.7	8.8	17.4	3.9	0.50
Harij	2.2	2.4	4.3	1.2	0.16
Chanasma	0.62	0.72	1.4	0.35	0.045
Patan	0.37	0.32	0.54	0.19	0.026
Sidhpur	0.049	0.018	0.028	0.022	0.0031
Total		81.4	76.1	150.4	42.9

DistrictLevel Taluk-wise Data for Porbander ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Porbandar	13.0	19.5	28.6	11.3	1.5
Ranavav	2.7	2.5	2.8	2.3	0.29
Kutiyana	1.7	1.9	2.3	1.5	0.19
Total		17.4	23.9	33.7	15.0

DistrictLevel Taluk-wise Data for Rajkot ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Morvi	30.3	40.2	70.2	20.5	2.8
Jetpur	20.2	49.0	88.0	15.8	2.1
Gondal	13.4	32.5	58.4	10.4	1.4
Rajkot	12.0	29.4	52.9	9.4	1.3
Paddhari	8.4	22.4	40.5	6.7	0.91
Jamkandorna	8.7	18.1	32.3	6.5	0.88
Vankaner	7.1	6.1	10.3	4.5	0.62
Kotdasangani	5.2	11.8	21.1	4.0	0.54
Jasdan	4.5	5.5	9.6	3.0	0.41
Upleta	2.3	6.0	10.9	1.8	0.25
Dhoraji	1.9	1.9	3.3	1.2	0.17
Lodhika	1.0	1.8	3.2	0.74	0.10
Tankara	0.93	1.6	2.8	0.66	0.090
Maliya	0.15	0.41	0.73	0.12	0.017
Total		116.0	226.8	404.1	85.3

DistrictLevel Taluk-wise Data for Sabarkantha ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Prantij	38.3	62.0	111.6	18.6	2.5
Talod	8.0	12.9	23.3	3.9	0.52
Himatnagar	1.3	2.1	3.8	0.63	0.085
Total		47.6	77.0	138.6	23.1

DistrictLevel Taluk-wise Data for Surat ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Mandvi	6.4	11.2	20.1	3.3	0.45
Choryasi	2.3	3.8	8.4	1.8	0.23
Surat City	1.7	2.7	6.4	1.4	0.19
Sonagadh	2.1	3.8	6.8	1.1	0.15
Mahuva	0.73	1.2	2.8	0.63	0.082
Vyara	0.67	1.1	2.6	0.58	0.075
Mangrol	0.61	0.98	2.4	0.53	0.069
Total		14.5	24.6	49.4	9.4

DistrictLevel Taluk-wise Data for Surendranagar ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Dhrangadhra	18.1	13.1	22.4	8.2	1.1
Halvad	12.8	19.7	35.3	6.8	0.92
Muli	9.2	10.7	18.8	4.5	0.62
Vadhvan	6.8	9.0	16.0	3.4	0.47
Chuda	3.1	1.1	1.7	1.3	0.19
Total		50.1	53.6	94.2	24.3

DistrictLevel Taluk-wise Data for The dangs ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Dangs	6.0	3.0	3.3	2.7	0.35
Total		6.0	3.0	3.3	2.7

DistrictLevel Taluk-wise Data for Vadodara ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Vaghodiya	4.4	10.2	18.4	3.1	0.41
Savli	4.5	7.0	14.4	2.8	0.37
Sankheda	3.8	4.7	10.6	2.2	0.29
Chhota-Udepur	2.2	5.0	8.9	1.5	0.20
Jetpur-Pavi	1.8	3.1	6.1	1.1	0.15
Karjan	1.0	2.4	4.3	0.71	0.096
Naswadi	0.62	1.1	2.1	0.40	0.053
Vadodara	0.55	1.3	2.3	0.38	0.051
Dabhoi	0.32	0.75	1.3	0.22	0.030
Padra	0.18	0.41	0.75	0.12	0.017
Shinor	0.00040	0.00093	0.0017	0.00028	3.75E-05
Total		19.4	35.8	69.1	12.6

Taluk Level Residue Wise

Taluk level Residue-wise Data for Ahamdabad City ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.26	0.35	0.63	0.11	0.014
Total		0.26	0.35	0.63	0.11	0.014

Taluk level Residue-wise Data for Barwala ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	16.9	22.8	6.9	3.4	0.48
Wheat	Stalks	16.9	22.8	34.3	3.4	0.45
Others	Others	1.1	0.36	0.43	0.34	0.045
Total		18.0	23.2	41.6	7.2	0.97

Taluk level Residue-wise Data for Bavla ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	11.4	15.3	4.6	2.3	0.32
Wheat	Stalks	11.4	15.3	23.0	2.3	0.30
Others	Others	1.8	0.57	0.70	0.56	0.075
Total		13.1	15.9	28.3	5.2	0.70

Taluk level Residue-wise Data for Daskroi ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	9.2	12.4	3.7	1.9	0.26
Wheat	Stalks	9.2	12.4	18.6	1.9	0.24
Gram	Stalks	6.1	2.1	2.3	1.8	0.24
Total		15.3	14.5	24.6	5.5	0.74

Taluk level Residue-wise Data for Detroj-Rampur ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	12.4	16.7	5.0	2.5	0.35
Wheat	Stalks	12.4	16.7	25.1	2.5	0.33
Others	Others	0.071	0.024	0.027	0.021	0.0028
Total		12.4	16.7	30.1	5.0	0.68

Taluk level Residue-wise Data for Dhandhuka ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	9.6	12.9	3.9	1.9	0.27
Wheat	Stalks	9.6	12.9	19.4	1.9	0.25
Gram	Stalks	3.6	1.2	1.4	1.1	0.14
Cuminseed	Stalks	1.4	0.41	0.65	0.52	0.073
Total		14.6	14.6	25.3	5.5	0.74

Taluk level Residue-wise Data for Dholka ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cuminseed	Stalks	10.1	2.9	4.6	3.7	0.51
Wheat	Pod	6.5	8.8	2.6	1.3	0.19
Wheat	Stalks	6.5	8.8	13.2	1.3	0.17
Gram	Stalks	2.3	0.77	0.84	0.67	0.087
Total		18.9	12.5	21.3	7.0	0.96

Taluk level Residue-wise Data for Mandal ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	1.5	0.53	0.58	0.46	0.060
Others	Others	0.42	0.56	1.0	0.17	0.023
Total		2.0	1.1	1.6	0.63	0.083

Taluk level Residue-wise Data for Ranpur ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	7.6	10.2	3.1	1.5	0.22
Wheat	Stalks	7.6	10.2	15.4	1.5	0.20
Others	Others	1.1	0.37	0.42	0.34	0.044
Total		8.7	10.6	18.9	3.4	0.46

Taluk level Residue-wise Data for Sanand ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	30.6	41.3	12.4	6.2	0.87
Wheat	Stalks	30.6	41.3	62.0	6.2	0.81
Others	Others	1.8	0.56	0.71	0.57	0.077
Total		32.3	41.8	75.1	13.0	1.7

Taluk level Residue-wise Data for Viramgam ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	2.3	3.1	0.93	0.47	0.065
Wheat	Stalks	2.3	3.1	4.7	0.47	0.061
Others	Others	0.43	0.13	0.18	0.14	0.019
Total		2.7	3.2	5.8	1.1	0.15

Taluk level Residue-wise Data for Dhari ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.51	1.3	2.3	0.38	0.051
Total		0.51	1.3	2.3	0.38	0.051

Taluk level Residue-wise Data for Jafrabad ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	13.1	31.9	9.6	4.8	0.67
Wheat	Stalks	13.1	31.9	47.9	4.8	0.62
Total		13.1	31.9	57.4	9.6	1.3

Taluk level Residue-wise Data for Savarkundla ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.47	1.1	2.0	0.34	0.046
Total		0.47	1.1	2.0	0.34	0.046

Taluk level Residue-wise Data for Anand ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.00015	0.00030	0.00054	8.95E-05	1.21E-05
Total		0.00015	0.00030	0.00054	8.95E-05	1.21E-05

Taluk level Residue-wise Data for Anklay ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.057	0.11	0.20	0.033	0.0045
Total		0.057	0.11	0.20	0.033	0.0045

Taluk level Residue-wise Data for Borsad ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.33	0.64	1.1	0.19	0.026
Total		0.33	0.64	1.1	0.19	0.026

Taluk level Residue-wise Data for Khambhat ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.2	2.3	4.1	0.68	0.091
Total		1.2	2.3	4.1	0.68	0.091

Taluk level Residue-wise Data for Petlad ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	2.20E-05	4.27E-05	7.67E-05	1.28E-05	1.73E-06
Total		2.20E-05	4.27E-05	7.67E-05	1.28E-05	1.73E-06

Taluk level Residue-wise Data for Sojitra ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.00044	0.00085	0.0015	0.00025	3.44E-05
Total		0.00044	0.00085	0.0015	0.00025	3.44E-05

Taluk level Residue-wise Data for Tarapur ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	9.2	17.8	5.3	2.7	0.37
Wheat	Stalks	9.2	17.8	26.7	2.7	0.35
Total		9.2	17.8	32.0	5.3	0.72

Taluk level Residue-wise Data for Umreth ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	24.6	47.8	14.3	7.2	1.0
Wheat	Stalks	24.6	47.8	71.6	7.2	0.93
Total		24.6	47.8	85.9	14.3	1.9

Taluk level Residue-wise Data for Amirgadh ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	2.6	5.6	1.7	0.84	0.12
Wheat	Stalks	2.6	5.6	8.4	0.84	0.11
Total		2.6	5.6	10.1	1.7	0.23

Taluk level Residue-wise Data for Bhabhar ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	1.2	2.5	0.74	0.37	0.052
Others	Others	0	0	3.7	0.37	0.048
Total		1.2	2.5	4.4	0.74	0.100

Taluk level Residue-wise Data for Danta ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	3.6	7.7	2.3	1.2	0.16
Wheat	Stalks	3.6	7.7	11.5	1.2	0.15
Total		3.6	7.7	13.9	2.3	0.31

Taluk level Residue-wise Data for Dantiwada ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.23	0.49	0.87	0.15	0.020
Total		0.23	0.49	0.87	0.15	0.020

Taluk level Residue-wise Data for Deesa ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.060	0.13	0.23	0.038	0.0052
Total		0.060	0.13	0.23	0.038	0.0052

Taluk level Residue-wise Data for Dhanera ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.31	0.67	1.2	0.20	0.027
Total		0.31	0.67	1.2	0.20	0.027

Taluk level Residue-wise Data for Kankrej ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.83	1.8	3.2	0.53	0.071
Total		0.83	1.8	3.2	0.53	0.071

Taluk level Residue-wise Data for Palanpur ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.052	0.11	0.20	0.033	0.0045
Total		0.052	0.11	0.20	0.033	0.0045

Taluk level Residue-wise Data for Tharad ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	5.8	12.3	3.7	1.8	0.26
Wheat	Stalks	5.8	12.3	18.4	1.8	0.24
Total		5.8	12.3	22.1	3.7	0.50

Taluk level Residue-wise Data for Vadgam ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.11	0.24	0.44	0.073	0.0098
Total		0.11	0.24	0.44	0.073	0.0098

Taluk level Residue-wise Data for Vav ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	21.1	45.0	13.5	6.8	0.95
Wheat	Stalks	21.1	45.0	67.5	6.8	0.88
Total		21.1	45.0	81.0	13.5	1.8

Taluk level Residue-wise Data for Amod ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	9.7	13.1	3.9	2.0	0.27
Wheat	Stalks	9.7	13.1	19.6	2.0	0.26
Jowar	Stalks	4.8	5.4	9.1	1.8	0.24
Jowar	Cobs	4.8	5.4	2.7	0.54	0.075
Jowar	Husk	4.8	5.4	1.1	0.54	0.065
Total		14.5	18.5	36.5	6.8	0.91

Taluk level Residue-wise Data for Bharuch ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	8.9	12.0	3.6	1.8	0.25
Wheat	Stalks	8.9	12.0	18.1	1.8	0.23
Total		8.9	12.0	21.7	3.6	0.49

Taluk level Residue-wise Data for Hansot ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jowar	Stalks	11.2	12.6	21.3	4.3	0.55
Jowar	Cobs	11.2	12.6	6.3	1.3	0.18
Jowar	Husk	11.2	12.6	2.5	1.3	0.15
Total		11.2	12.6	30.1	6.8	0.88

Taluk level Residue-wise Data for Vagara ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jowar	Stalks	5.2	5.8	9.8	2.0	0.26
Jowar	Cobs	5.2	5.8	2.9	0.58	0.081
Jowar	Husk	5.2	5.8	1.2	0.58	0.069
Total		5.2	5.8	13.9	3.1	0.41

Taluk level Residue-wise Data for Shihor ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.0	2.4	4.3	0.71	0.096
Total		1.0	2.4	4.3	0.71	0.096

Taluk level Residue-wise Data for Talaja ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	12.9	29.9	9.0	4.5	0.63
Wheat	Stalks	12.9	29.9	44.9	4.5	0.58
Total		12.9	29.9	53.8	9.0	1.2

Taluk level Residue-wise Data for Dahod ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	1.8	1.1	1.2	0.98	0.13
Total		1.8	1.1	1.2	0.98	0.13

Taluk level Residue-wise Data for Devgadhbaria ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.044	0.027	0.030	0.024	0.0031
Total		0.044	0.027	0.030	0.024	0.0031

Taluk level Residue-wise Data for Dhanpur ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.37	0.22	0.25	0.20	0.026
Total		0.37	0.22	0.25	0.20	0.026

Taluk level Residue-wise Data for Fatepura ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.64	0.39	0.43	0.34	0.044
Total		0.64	0.39	0.43	0.34	0.044

Taluk level Residue-wise Data for Garbada ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	3.7	2.3	2.5	2.0	0.26
Total		3.7	2.3	2.5	2.0	0.26

Taluk level Residue-wise Data for Ghoghamba ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	6.0	3.7	4.0	3.2	0.42
Total		6.0	3.7	4.0	3.2	0.42

Taluk level Residue-wise Data for Jhalod ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	12.6	7.7	8.4	6.7	0.87
Total		12.6	7.7	8.4	6.7	0.87

Taluk level Residue-wise Data for Limkheda ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	1.8	1.1	1.2	0.97	0.13
Others	Others	0.058	0.39	0.71	0.12	0.016
Total		1.9	1.5	1.9	1.1	0.14

Taluk level Residue-wise Data for Dehgam ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	6.9	18.5	5.5	2.8	0.39
Wheat	Stalks	6.9	18.5	27.7	2.8	0.36
Total		6.9	18.5	33.2	5.5	0.75

Taluk level Residue-wise Data for Gandhinagar ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	14.5	38.6	11.6	5.8	0.81
Wheat	Stalks	14.5	38.6	57.8	5.8	0.75
Mustard	Husk	2.5	3.0	0.90	0.85	0.10
Mustard	Stalks	2.5	3.0	5.4	0.54	0.070
Total		17.0	41.6	75.7	13.0	1.7

Taluk level Residue-wise Data for Kalol ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	3.2	8.6	2.6	1.3	0.18
Wheat	Stalks	3.2	8.6	12.9	1.3	0.17
Others	Others	0.35	0.41	0.87	0.19	0.024
Total		3.6	9.0	16.3	2.8	0.37

Taluk level Residue-wise Data for Mansa ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Mustard	Husk	5.1	6.0	1.8	1.7	0.21
Mustard	Stalks	5.1	6.0	10.9	1.1	0.14
Total		5.1	6.0	12.7	2.8	0.35

Taluk level Residue-wise Data for Bhanvad ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cuminseed	Stalks	4.4	1.1	1.8	1.4	0.20
Wheat	Pod	1.4	3.3	1.00	0.50	0.070
Wheat	Stalks	1.4	3.3	5.0	0.50	0.065
Total		5.7	4.5	7.8	2.4	0.33

Taluk level Residue-wise Data for Dhrol ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	11.1	8.1	8.9	7.1	0.93
Wheat	Pod	3.2	7.8	2.3	1.2	0.16
Wheat	Stalks	3.2	7.8	11.7	1.2	0.15
Cuminseed	Stalks	1.3	0.33	0.51	0.41	0.057
Total		15.5	16.2	23.5	9.9	1.3

Taluk level Residue-wise Data for Jamjodhpur ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	5.6	13.7	4.1	2.1	0.29
Wheat	Stalks	5.6	13.7	20.6	2.1	0.27
Cuminseed	Stalks	2.2	0.56	0.87	0.70	0.098
Total		7.8	14.3	25.6	4.8	0.65

Taluk level Residue-wise Data for Jamnagar ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	11.6	28.3	8.5	4.2	0.59
Wheat	Stalks	11.6	28.3	42.3	4.2	0.55
Cuminseed	Stalks	9.5	2.5	3.9	3.1	0.43
Total		21.1	30.7	54.7	11.6	1.6

Taluk level Residue-wise Data for Jodiya ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	2.3	5.6	1.7	0.84	0.12
Wheat	Stalks	2.3	5.6	8.4	0.84	0.11
Others	Others	0.62	0.16	0.25	0.20	0.028
Total		2.9	5.7	10.3	1.9	0.25

Taluk level Residue-wise Data for Kalavad ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	11.8	8.6	9.5	7.6	0.99
Wheat	Pod	8.8	21.4	6.4	3.2	0.45
Wheat	Stalks	8.8	21.4	32.1	3.2	0.42
Others	Others	0.53	0.14	0.22	0.17	0.024
Total		21.1	30.2	48.2	14.2	1.9

Taluk level Residue-wise Data for Kalyanpur ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	2.2	5.3	1.6	0.79	0.11
Wheat	Stalks	2.2	5.3	7.9	0.79	0.10
Cuminseed	Stalks	1.3	0.33	0.51	0.41	0.057
Total		3.4	5.6	10.0	2.0	0.27

Taluk level Residue-wise Data for Khambhaliya ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	6.7	16.4	4.9	2.5	0.34
Wheat	Stalks	6.7	16.4	24.6	2.5	0.32
Total		6.7	16.4	29.6	4.9	0.67

Taluk level Residue-wise Data for Lalpur ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	1.9	4.7	1.4	0.70	0.098
Wheat	Stalks	1.9	4.7	7.0	0.70	0.091
Total		1.9	4.7	8.4	1.4	0.19

Taluk level Residue-wise Data for Okhamandal ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.30	0.24	0.42	0.13	0.018
Total		0.30	0.24	0.42	0.13	0.018

Taluk level Residue-wise Data for Bhesan ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	7.9	24.4	7.3	3.7	0.51
Wheat	Stalks	7.9	24.4	36.5	3.7	0.47
Total		7.9	24.4	43.8	7.3	0.99

Taluk level Residue-wise Data for Junagadh ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	6.4	19.8	5.9	3.0	0.42
Wheat	Stalks	6.4	19.8	29.7	3.0	0.39
Total		6.4	19.8	35.7	5.9	0.80

Taluk level Residue-wise Data for Keshod ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	5.2	16.1	4.8	2.4	0.34
Wheat	Stalks	5.2	16.1	24.2	2.4	0.31
Total		5.2	16.1	29.0	4.8	0.65

Taluk level Residue-wise Data for Kodinar ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	0.86	2.7	0.80	0.40	0.056
Wheat	Stalks	0.86	2.7	4.0	0.40	0.052
Total		0.86	2.7	4.8	0.80	0.11

Taluk level Residue-wise Data for Maliya ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	23.6	72.7	21.8	10.9	1.5
Wheat	Stalks	23.6	72.7	108.9	10.9	1.4
Total		23.6	72.7	130.7	21.8	2.9

Taluk level Residue-wise Data for Manavadar ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	16.7	51.6	15.5	7.7	1.1
Wheat	Stalks	16.7	51.6	77.3	7.7	1.0
Total		16.7	51.6	92.7	15.5	2.1

Taluk level Residue-wise Data for Mangrol ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	7.1	21.8	6.5	3.3	0.46
Wheat	Stalks	7.1	21.8	32.7	3.3	0.42
Total		7.1	21.8	39.2	6.5	0.88

Taluk level Residue-wise Data for Mendarda ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.56	1.7	3.1	0.52	0.070
Total		0.56	1.7	3.1	0.52	0.070

Taluk level Residue-wise Data for Sutrapada ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	0.84	2.6	0.78	0.39	0.054
Wheat	Stalks	0.84	2.6	3.9	0.39	0.051
Total		0.84	2.6	4.7	0.78	0.10

Taluk level Residue-wise Data for Talala ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	1.4	4.2	1.2	0.62	0.087
Wheat	Stalks	1.4	4.2	6.2	0.62	0.081
Total		1.4	4.2	7.5	1.2	0.17

Taluk level Residue-wise Data for Una ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	5.1	15.6	4.7	2.3	0.33
Wheat	Stalks	5.1	15.6	23.3	2.3	0.30
Total		5.1	15.6	28.0	4.7	0.63

Taluk level Residue-wise Data for Vanthali ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	4.9	15.0	4.5	2.2	0.31
Wheat	Stalks	4.9	15.0	22.4	2.2	0.29
Total		4.9	15.0	26.9	4.5	0.61

Taluk level Residue-wise Data for Veraval ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	5.6	17.2	5.2	2.6	0.36
Wheat	Stalks	5.6	17.2	25.8	2.6	0.34
Total		5.6	17.2	30.9	5.2	0.70

Taluk level Residue-wise Data for Visavadar ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	9.3	28.6	8.6	4.3	0.60
Wheat	Stalks	9.3	28.6	42.8	4.3	0.56
Total		9.3	28.6	51.4	8.6	1.2

Taluk level Residue-wise Data for Bhachau ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	3.1	7.5	2.2	1.1	0.16
Wheat	Stalks	3.1	7.5	11.2	1.1	0.15
Total		3.1	7.5	13.4	2.2	0.30

Taluk level Residue-wise Data for Bhuj ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	7.5	18.3	5.5	2.7	0.38
Wheat	Stalks	7.5	18.3	27.4	2.7	0.36
Total		7.5	18.3	32.8	5.5	0.74

Taluk level Residue-wise Data for Mandvi ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	5.2	12.8	3.8	1.9	0.27
Wheat	Stalks	5.2	12.8	19.2	1.9	0.25
Total		5.2	12.8	23.0	3.8	0.52

Taluk level Residue-wise Data for Nakhtrana ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	2.0	4.9	1.5	0.74	0.10
Wheat	Stalks	2.0	4.9	7.4	0.74	0.096
Total		2.0	4.9	8.9	1.5	0.20

Taluk level Residue-wise Data for Balasinor ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.48	0.93	1.7	0.28	0.038
Total		0.48	0.93	1.7	0.28	0.038

Taluk level Residue-wise Data for Kapadvanj ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.86	1.7	3.0	0.50	0.068
Total		0.86	1.7	3.0	0.50	0.068

Taluk level Residue-wise Data for Kathlal ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	9.4	18.2	5.4	2.7	0.38
Wheat	Stalks	9.4	18.2	27.2	2.7	0.35
Total		9.4	18.2	32.7	5.4	0.74

Taluk level Residue-wise Data for Mahemdabad ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.071	0.14	0.25	0.041	0.0055
Total		0.071	0.14	0.25	0.041	0.0055

Taluk level Residue-wise Data for Mahudha ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.19	0.38	0.68	0.11	0.015
Total		0.19	0.38	0.68	0.11	0.015

Taluk level Residue-wise Data for Matar ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.0012	0.0024	0.0043	0.00072	9.74E-05
Total		0.0012	0.0024	0.0043	0.00072	9.74E-05

Taluk level Residue-wise Data for Nadiad ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.0026	0.0050	0.0089	0.0015	0.00020
Total		0.0026	0.0050	0.0089	0.0015	0.00020

Taluk level Residue-wise Data for Thasara ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	39.4	76.4	22.9	11.4	1.6
Wheat	Stalks	39.4	76.4	114.4	11.4	1.5
Total		39.4	76.4	137.3	22.9	3.1

Taluk level Residue-wise Data for Virpur ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.19	0.37	0.66	0.11	0.015
Total		0.19	0.37	0.66	0.11	0.015

Taluk level Residue-wise Data for Becharaji ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cuminseed	Stalks	0.94	0.34	0.52	0.42	0.059
Others	Others	0.59	1.4	2.5	0.42	0.056
Total		1.5	1.7	3.0	0.84	0.11

Taluk level Residue-wise Data for Kadi ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	10.9	25.8	7.7	3.9	0.54
Wheat	Stalks	10.9	25.8	38.7	3.9	0.50
Cuminseed	Stalks	0.94	0.34	0.52	0.42	0.058
Total		11.8	26.1	47.0	8.2	1.1

Taluk level Residue-wise Data for Kheralu ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.00027	9.72E-05	0.00015	0.00012	1.67E-05
Total		0.00027	9.72E-05	0.00015	0.00012	1.67E-05

Taluk level Residue-wise Data for Mahesana ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Mustard	Husk	31.5	38.7	11.6	11.0	1.3
Mustard	Stalks	31.5	38.7	69.7	7.0	0.91
Wheat	Pod	12.9	30.5	9.2	4.6	0.64
Wheat	Stalks	12.9	30.5	45.8	4.6	0.59
Others	Others	0.35	0.12	0.19	0.15	0.021
Total		44.7	69.3	136.4	27.3	3.5

Taluk level Residue-wise Data for Satlasana ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	2.6	6.1	1.8	0.91	0.13
Wheat	Stalks	2.6	6.1	9.1	0.91	0.12
Others	Others	0.0022	0.00080	0.0012	0.00098	0.00014
Total		2.6	6.1	10.9	1.8	0.25

Taluk level Residue-wise Data for Vadnagar ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	9.8	23.1	6.9	3.5	0.49
Wheat	Stalks	9.8	23.1	34.7	3.5	0.45
Others	Others	0.00084	0.00030	0.00047	0.00037	5.23E-05
Total		9.8	23.1	41.7	6.9	0.94

Taluk level Residue-wise Data for Vijapur ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Mustard	Husk	8.7	10.7	3.2	3.1	0.37
Mustard	Stalks	8.7	10.7	19.3	1.9	0.25
Others	Others	0.25	0.090	0.14	0.11	0.015
Total		9.0	10.8	22.6	5.1	0.63

Taluk level Residue-wise Data for Visnagar ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cuminseed	Stalks	8.0	2.9	4.5	3.6	0.50
Total		8.0	2.9	4.5	3.6	0.50

Taluk level Residue-wise Data for Nandod ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jowar	Stalks	2.9	3.3	5.6	1.1	0.14
Others	Others	0	0	2.3	0.65	0.085
Total		2.9	3.3	7.8	1.8	0.23

Taluk level Residue-wise Data for Sagbara ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jowar	Stalks	1.6	1.8	3.0	0.61	0.079
Others	Others	0	0	1.2	0.36	0.046
Total		1.6	1.8	4.3	0.96	0.13

Taluk level Residue-wise Data for Tilakwada ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.52	0.58	1.4	0.31	0.041
Total		0.52	0.58	1.4	0.31	0.041

Taluk level Residue-wise Data for Chikhli ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.18	0.090	0.100	0.080	0.010
Total		0.18	0.090	0.100	0.080	0.010

Taluk level Residue-wise Data for Gandevi ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.00E-06	5.00E-07	5.54E-07	4.44E-07	5.77E-08
Total		1.00E-06	5.00E-07	5.54E-07	4.44E-07	5.77E-08

Taluk level Residue-wise Data for Jalalpur ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	1.9	0.95	1.1	0.84	0.11
Total		1.9	0.95	1.1	0.84	0.11

Taluk level Residue-wise Data for Navsari ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.0062	0.0031	0.0034	0.0027	0.00036
Total		0.0062	0.0031	0.0034	0.0027	0.00036

Taluk level Residue-wise Data for Vansda ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.46	0.23	0.25	0.20	0.026
Total		0.46	0.23	0.25	0.20	0.026

Taluk level Residue-wise Data for Godhara ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	0.82	0.50	0.55	0.44	0.057
Total		0.82	0.50	0.55	0.44	0.057

Taluk level Residue-wise Data for Halol ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	1.7	1.1	1.2	0.93	0.12
Total		1.7	1.1	1.2	0.93	0.12

Taluk level Residue-wise Data for Jambughoda ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	2.8	1.7	1.9	1.5	0.20
Total		2.8	1.7	1.9	1.5	0.20

Taluk level Residue-wise Data for Kadana ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.59	0.36	0.40	0.32	0.041
Total		0.59	0.36	0.40	0.32	0.041

Taluk level Residue-wise Data for Kalol(Panchmahals) ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	12.9	21.9	6.6	3.3	0.46
Wheat	Stalks	12.9	21.9	33.0	3.3	0.43
Others	Others	0.52	0.32	0.35	0.28	0.036
Total		13.4	22.2	39.9	6.9	0.93

Taluk level Residue-wise Data for Khanpur ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.081	0.050	0.054	0.043	0.0057
Total		0.081	0.050	0.054	0.043	0.0057

Taluk level Residue-wise Data for Lunawada ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	3.8	2.3	2.5	2.0	0.27
Wheat	Pod	7.0	11.9	3.6	1.8	0.25
Wheat	Stalks	7.0	11.9	17.9	1.8	0.23
Total		10.8	14.2	24.0	5.6	0.75

Taluk level Residue-wise Data for Santrampur ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	1.4	0.88	0.97	0.77	0.10
Others	Others	0.47	0.79	1.4	0.24	0.032
Total		1.9	1.7	2.4	1.0	0.13

Taluk level Residue-wise Data for Shahera ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	8.60E-05	5.25E-05	5.75E-05	4.60E-05	5.98E-06
Total		8.60E-05	5.25E-05	5.75E-05	4.60E-05	5.98E-06

Taluk level Residue-wise Data for Chanasma ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.62	0.72	1.4	0.35	0.045
Total		0.62	0.72	1.4	0.35	0.045

Taluk level Residue-wise Data for Harij ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.90	1.9	3.5	0.62	0.082
Cuminseed	Stalks	1.3	0.47	0.73	0.58	0.081
Total		2.2	2.4	4.3	1.2	0.16

Taluk level Residue-wise Data for Patan ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.37	0.32	0.54	0.19	0.026
Total		0.37	0.32	0.54	0.19	0.026

Taluk level Residue-wise Data for Radhanpur ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Mustard	Husk	4.3	5.2	1.6	1.5	0.18
Mustard	Stalks	4.3	5.2	9.4	0.94	0.12
Cuminseed	Stalks	1.1	0.40	0.62	0.50	0.070
Wheat	Pod	1.3	3.2	0.96	0.48	0.067
Wheat	Stalks	1.3	3.2	4.8	0.48	0.062
Total		6.7	8.8	17.4	3.9	0.50

Taluk level Residue-wise Data for Sami ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Mustard	Husk	5.2	6.4	1.9	1.8	0.22
Mustard	Stalks	5.2	6.4	11.4	1.1	0.15
Cuminseed	Stalks	2.1	0.76	1.2	0.93	0.13
Others	Others	0.38	0.90	1.6	0.27	0.036
Total		7.7	8.0	16.1	4.2	0.53

Taluk level Residue-wise Data for Santalpur ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cuminseed	Stalks	3.1	1.1	1.7	1.4	0.19
Mustard	Husk	4.2	5.1	1.5	1.5	0.18
Mustard	Stalks	4.2	5.1	9.2	0.92	0.12
Wheat	Pod	1.1	2.7	0.81	0.41	0.057
Wheat	Stalks	1.1	2.7	4.1	0.41	0.053
Total		8.4	8.9	17.3	4.6	0.59

Taluk level Residue-wise Data for Sidhpur ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.049	0.018	0.028	0.022	0.0031
Total		0.049	0.018	0.028	0.022	0.0031

Taluk level Residue-wise Data for Unjha ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Mustard	Husk	30.9	38.0	11.4	10.8	1.3
Mustard	Stalks	30.9	38.0	68.3	6.8	0.89
Others	Others	0.00015	0.00013	0.00022	7.53E-05	1.04E-05
Total		30.9	38.0	79.7	17.7	2.2

Taluk level Residue-wise Data for Vagdod ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cuminseed	Stalks	24.5	8.8	13.5	10.8	1.5
Others	Others	0.022	0.050	0.090	0.015	0.0021
Total		24.5	8.9	13.6	10.9	1.5

Taluk level Residue-wise Data for Kutiyana ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	1.6	1.5	1.7	1.4	0.18
Others	Others	0.10	0.32	0.57	0.095	0.013
Total		1.7	1.9	2.3	1.5	0.19

Taluk level Residue-wise Data for Porbandar ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	9.7	9.3	10.3	8.2	1.1
Wheat	Pod	3.3	10.2	3.1	1.5	0.21
Wheat	Stalks	3.3	10.2	15.3	1.5	0.20
Total		13.0	19.5	28.6	11.3	1.5

Taluk level Residue-wise Data for Ranavav ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	2.7	2.5	2.8	2.3	0.29
Total		2.7	2.5	2.8	2.3	0.29

Taluk level Residue-wise Data for Dhoraji ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cuminseed	Stalks	1.4	0.66	1.0	0.82	0.11
Others	Others	0.47	1.3	2.3	0.38	0.052
Total		1.9	1.9	3.3	1.2	0.17

Taluk level Residue-wise Data for Gondal ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	11.9	31.8	9.6	4.8	0.67
Wheat	Stalks	11.9	31.8	47.8	4.8	0.62
Cuminseed	Stalks	1.5	0.71	1.1	0.88	0.12
Total		13.4	32.5	58.4	10.4	1.4

Taluk level Residue-wise Data for Jamkandorna ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	6.3	16.9	5.1	2.5	0.36
Wheat	Stalks	6.3	16.9	25.4	2.5	0.33
Cuminseed	Stalks	2.4	1.1	1.8	1.4	0.20
Total		8.7	18.1	32.3	6.5	0.88

Taluk level Residue-wise Data for Jasdan ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cuminseed	Stalks	3.0	1.4	2.2	1.8	0.25
Wheat	Pod	1.5	4.1	1.2	0.62	0.087
Wheat	Stalks	1.5	4.1	6.2	0.62	0.080
Total		4.5	5.5	9.6	3.0	0.41

Taluk level Residue-wise Data for Jetpur ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	17.9	47.8	14.4	7.2	1.0
Wheat	Stalks	17.9	47.8	71.9	7.2	0.93
Cuminseed	Stalks	2.4	1.1	1.8	1.4	0.20
Total		20.2	49.0	88.0	15.8	2.1

Taluk level Residue-wise Data for Kotdasangani ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	4.2	11.3	3.4	1.7	0.24
Wheat	Stalks	4.2	11.3	17.0	1.7	0.22
Cuminseed	Stalks	0.95	0.46	0.70	0.56	0.079
Total		5.2	11.8	21.1	4.0	0.54

Taluk level Residue-wise Data for Lodhika ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.0	1.8	3.2	0.74	0.10
Total		1.0	1.8	3.2	0.74	0.10

Taluk level Residue-wise Data for Maliya ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.15	0.41	0.73	0.12	0.017
Total		0.15	0.41	0.73	0.12	0.017

Taluk level Residue-wise Data for Morvi ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cuminseed	Stalks	18.7	9.0	13.8	11.1	1.6
Wheat	Pod	11.7	31.2	9.4	4.7	0.66
Wheat	Stalks	11.7	31.2	46.9	4.7	0.61
Total		30.3	40.2	70.2	20.5	2.8

Taluk level Residue-wise Data for Paddhari ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	8.4	22.4	6.7	3.4	0.47
Wheat	Stalks	8.4	22.4	33.7	3.4	0.44
Total		8.4	22.4	40.5	6.7	0.91

Taluk level Residue-wise Data for Rajkot ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	10.7	28.8	8.7	4.3	0.61
Wheat	Stalks	10.7	28.8	43.3	4.3	0.56
Cuminseed	Stalks	1.3	0.61	0.94	0.76	0.11
Total		12.0	29.4	52.9	9.4	1.3

Taluk level Residue-wise Data for Tankara ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.93	1.6	2.8	0.66	0.090
Total		0.93	1.6	2.8	0.66	0.090

Taluk level Residue-wise Data for Upleta ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	2.3	6.0	1.8	0.91	0.13
Wheat	Stalks	2.3	6.0	9.1	0.91	0.12
Total		2.3	6.0	10.9	1.8	0.25

Taluk level Residue-wise Data for Vankaner ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cuminseed	Stalks	5.9	2.8	4.4	3.5	0.49
Wheat	Pod	1.2	3.3	0.98	0.49	0.069
Wheat	Stalks	1.2	3.3	4.9	0.49	0.064
Total		7.1	6.1	10.3	4.5	0.62

Taluk level Residue-wise Data for Himatnagar ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.3	2.1	3.8	0.63	0.085
Total		1.3	2.1	3.8	0.63	0.085

Taluk level Residue-wise Data for Prantij ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	38.3	62.0	18.6	9.3	1.3
Wheat	Stalks	38.3	62.0	93.0	9.3	1.2
Total		38.3	62.0	111.6	18.6	2.5

Taluk level Residue-wise Data for Talod ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	8.0	12.9	3.9	1.9	0.27
Wheat	Stalks	8.0	12.9	19.4	1.9	0.25
Total		8.0	12.9	23.3	3.9	0.52

Taluk level Residue-wise Data for Choryasi ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.70	1.2	4.0	0.88	0.12
Jowar	Stalks	1.6	2.6	4.4	0.88	0.11
Total		2.3	3.8	8.4	1.8	0.23

Taluk level Residue-wise Data for Mahuva ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jowar	Stalks	0.73	1.2	2.0	0.40	0.051
Others	Others	0	0	0.81	0.23	0.030
Total		0.73	1.2	2.8	0.63	0.082

Taluk level Residue-wise Data for Mandvi ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	6.4	11.2	3.3	1.7	0.23
Wheat	Stalks	6.4	11.2	16.7	1.7	0.22
Total		6.4	11.2	20.1	3.3	0.45

Taluk level Residue-wise Data for Mangrol ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.61	0.98	2.4	0.53	0.069
Total		0.61	0.98	2.4	0.53	0.069

Taluk level Residue-wise Data for Sonagadh ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	2.1	3.8	1.1	0.56	0.079
Wheat	Stalks	2.1	3.8	5.6	0.56	0.073
Total		2.1	3.8	6.8	1.1	0.15

Taluk level Residue-wise Data for Surat City ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jowar	Stalks	1.7	2.7	4.5	0.91	0.12
Others	Others	0	0	1.9	0.53	0.069
Total		1.7	2.7	6.4	1.4	0.19

Taluk level Residue-wise Data for Vyara ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.67	1.1	2.6	0.58	0.075
Total		0.67	1.1	2.6	0.58	0.075

Taluk level Residue-wise Data for Chuda ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cuminseed	Stalks	3.1	1.1	1.7	1.3	0.19
Total		3.1	1.1	1.7	1.3	0.19

Taluk level Residue-wise Data for Dhrangadhra ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cuminseed	Stalks	13.6	4.6	7.1	5.7	0.80
Wheat	Pod	4.6	8.5	2.5	1.3	0.18
Wheat	Stalks	4.6	8.5	12.7	1.3	0.17
Total		18.1	13.1	22.4	8.2	1.1

Taluk level Residue-wise Data for Halvad ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	10.2	18.8	5.6	2.8	0.40
Wheat	Stalks	10.2	18.8	28.2	2.8	0.37
Cuminseed	Stalks	2.7	0.90	1.4	1.1	0.16
Total		12.8	19.7	35.3	6.8	0.92

Taluk level Residue-wise Data for Muli ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cuminseed	Stalks	4.2	1.4	2.2	1.8	0.25
Wheat	Pod	5.0	9.2	2.8	1.4	0.19
Wheat	Stalks	5.0	9.2	13.9	1.4	0.18
Total		9.2	10.7	18.8	4.5	0.62

Taluk level Residue-wise Data for Vadhvan ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	4.5	8.2	2.5	1.2	0.17
Wheat	Stalks	4.5	8.2	12.3	1.2	0.16
Cuminseed	Stalks	2.3	0.79	1.2	0.97	0.14
Total		6.8	9.0	16.0	3.4	0.47

Taluk level Residue-wise Data for Dangs ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	6.0	3.0	3.3	2.7	0.35
Total		6.0	3.0	3.3	2.7	0.35

Taluk level Residue-wise Data for Chhota-Udepur ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	2.2	5.0	1.5	0.74	0.10
Wheat	Stalks	2.2	5.0	7.4	0.74	0.097
Total		2.2	5.0	8.9	1.5	0.20

Taluk level Residue-wise Data for Dabhoi ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.32	0.75	1.3	0.22	0.030
Total		0.32	0.75	1.3	0.22	0.030

Taluk level Residue-wise Data for Jetpur-Pavi ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.8	3.1	6.1	1.1	0.15
Total		1.8	3.1	6.1	1.1	0.15

Taluk level Residue-wise Data for Karjan ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.0	2.4	4.3	0.71	0.096
Total		1.0	2.4	4.3	0.71	0.096

Taluk level Residue-wise Data for Naswadi ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.62	1.1	2.1	0.40	0.053
Total		0.62	1.1	2.1	0.40	0.053

Taluk level Residue-wise Data for Padra ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.18	0.41	0.75	0.12	0.017
Total		0.18	0.41	0.75	0.12	0.017

Taluk level Residue-wise Data for Sankheda ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jowar	Stalks	3.2	3.4	5.9	1.2	0.15
Others	Others	0.56	1.3	4.7	1.1	0.14
Total		3.8	4.7	10.6	2.2	0.29

Taluk level Residue-wise Data for Savli ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jowar	Stalks	2.8	3.0	5.1	1.0	0.13
Wheat	Pod	1.7	4.0	1.2	0.60	0.084
Wheat	Stalks	1.7	4.0	6.0	0.60	0.078
Others	Others	0	0	2.1	0.60	0.078
Total		4.5	7.0	14.4	2.8	0.37

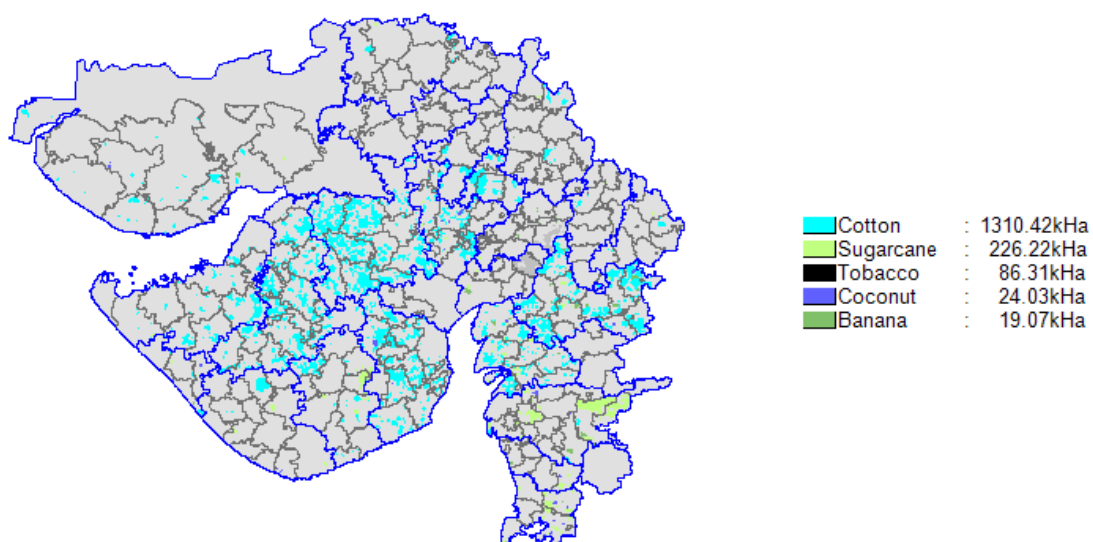
Taluk level Residue-wise Data for Shinor ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.00040	0.00093	0.0017	0.00028	3.75E-05
Total		0.00040	0.00093	0.0017	0.00028	3.75E-05

Taluk level Residue-wise Data for Vadodara ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.55	1.3	2.3	0.38	0.051
Total		0.55	1.3	2.3	0.38	0.051

Taluk level Residue-wise Data for Vaghodiya ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	4.4	10.2	3.1	1.5	0.21
Wheat	Stalks	4.4	10.2	15.3	1.5	0.20
Total		4.4	10.2	18.4	3.1	0.41

Yearly

Gujarat-Yearly



State Level Residue Wise

State level Residue-wise Data for Gujarat; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	1310.4	902.4	4979.6	3485.7	488.0
Cotton	Husk	1310.4	902.4	993.2	695.3	97.3
Cotton	Bollshell	1310.4	902.4	993.2	695.3	97.3
Banana	Residue	19.1	1226.8	3680.4	368.0	47.8
Sugarcane	Tops & Leaves	226.2	13685.6	684.3	171.1	23.9
Coconut	FronDS	24.0	65.3	96.1	48.1	6.7
Coconut	Husk & Pith	24.0	65.3	34.6	17.3	2.2
Tobacco	Stalks	86.3	158.8	158.7	15.9	2.1
Coconut	Shell	24.0	65.3	14.4	11.5	1.6
Total		1666.1	16038.9	11634.6	5508.1	767.1

State Level District Wise

State level District-wise Data for Gujarat ; Season : Yearly					
District	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Surendranagar	222.6	71.4	1002.8	701.9	98.3
Vadodara	187.1	636.8	1911.1	683.7	94.6
Rajkot	153.7	123.9	796.4	556.8	78.0
Bharuch	168.9	1456.7	1507.6	547.3	75.8
Ahmedabad	120.0	253.5	784.7	540.3	75.6
Bhavnagar	154.2	87.3	762.8	500.8	70.0
Amreli	116.4	601.2	642.3	437.7	61.3
Gandhinagar	58.4	166.2	568.1	395.9	55.4
Jamnagar	48.8	57.5	264.7	184.3	25.8
Kachchh	51.9	70.8	337.2	179.2	25.0
Surat	119.3	8493.1	844.1	157.3	21.6
Sabarkantha	36.4	58.3	184.7	121.9	17.0
Junagadh	30.5	597.4	219.7	103.9	14.5
Mahesana	20.2	28.9	139.9	97.8	13.7
Banaskantha	24.3	11.4	106.1	74.2	10.4
Kheda	44.5	309.7	691.4	70.0	9.1
Anand	48.8	273.8	582.1	58.9	7.7
Valsad	26.4	1479.5	113.9	27.8	3.8
Porbander	7.9	154.4	55.2	26.6	3.7
Navsari	19.4	1088.3	83.8	20.4	2.8
Panchmahal	3.5	9.7	19.8	11.5	1.6
Dahod	3.0	8.1	16.2	9.8	1.4
The dangs	0.020	1.0	0.050	0.013	0.0018
Total	1666.1	16038.9	11634.6	5508.1	767.1

State Level Taluk Wise

State level Taluk-wise Data for Gujarat ; Season : Yearly						
District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Amreli	Vadia	46.3	66.1	321.7	225.2	31.5
Ahmedabad	Dholka	41.8	58.5	286.8	200.6	28.1
Surendranagar	Halvad	53.0	17.0	238.8	167.2	23.4

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Vadodara	Karjan	50.0	17.5	228.6	159.9	22.4
Gandhinagar	Gandhinagar	21.7	60.0	214.3	149.8	21.0
Ahmedabad	Sanand	32.6	60.7	215.3	148.6	20.8
Surendranagar	Dhrangadhra	39.4	12.6	177.5	124.3	17.4
Bharuch	Jambusar	24.1	349.3	749.6	125.4	16.9
Gandhinagar	Kalol	17.2	52.4	165.0	114.9	16.1
Vadodara	Chhota-Udepur	28.0	73.4	314.5	105.9	14.6
Surendranagar	Limbdi	31.3	10.0	141.0	98.7	13.8
Vadodara	Padra	29.9	10.5	136.8	95.8	13.4
Bhavnagar	Palitana	27.7	12.3	129.0	89.4	12.5
Surendranagar	Muli	27.9	8.9	125.5	87.9	12.3
Rajkot	Morvi	24.0	42.1	123.7	86.0	12.0
Vadodara	Savli	21.3	82.7	291.6	84.8	11.7
Bharuch	Hansot	25.9	59.3	115.8	79.9	11.2
Jamnagar	Kalavad	21.0	15.7	114.0	79.7	11.2
Bharuch	Vagara	30.5	363.8	124.8	79.3	11.1
Bharuch	Jhaghadia	22.1	33.7	168.0	75.9	10.6
Junagadh	Junagadh	17.8	17.6	106.3	74.4	10.4
Sabarkantha	Modasa	21.6	9.9	103.8	72.6	10.2
Bharuch	Bharuch	23.5	113.0	102.5	69.4	9.7
Vadodara	Jetpur-Pavi	17.9	85.1	236.9	69.9	9.6
Bhavnagar	Shihor	20.1	23.9	141.7	68.9	9.6
Rajkot	Gondal	18.7	11.8	97.1	68.0	9.5
Bhavnagar	Gadhada	21.1	10.3	98.6	68.0	9.5
Surendranagar	Chuda	21.4	6.8	96.3	67.4	9.4
Ahmedabad	Bavla	16.5	62.7	98.5	67.3	9.4
Banaskantha	Dantiwada	21.5	5.6	94.2	65.9	9.2
Gandhinagar	Dehgam	10.1	26.7	95.4	65.9	9.2
Gandhinagar	Mansa	9.5	27.0	93.4	65.2	9.1
Amreli	Jafrabad	13.1	18.8	91.4	64.0	9.0
Ahmedabad	Detroj-Rampur	14.2	29.8	91.7	62.7	8.8
Surat	Sonagadh	45.7	3267.0	356.9	63.0	8.6
Rajkot	Jasdan	16.8	10.6	87.1	61.0	8.5
Surendranagar	Sayla	19.1	6.1	85.9	60.1	8.4
Bharuch	Amod	19.7	71.8	87.2	59.5	8.3
Rajkot	Paddhari	15.3	9.7	79.5	55.7	7.8
Mahesana	Kadi	11.5	16.5	79.6	55.6	7.8

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Amreli	Lathi	18.9	154.0	81.9	54.2	7.6
Rajkot	Rajkot	14.8	9.3	76.8	53.7	7.5
Bhavnagar	Mahuva	16.2	13.4	74.7	52.1	7.3
Rajkot	Dhoraji	13.7	8.6	70.8	49.6	6.9
Sabarkantha	Vijaynagar	14.1	6.5	67.9	47.6	6.7
Bhavnagar	Ghogha	14.7	5.3	67.5	47.3	6.6
Bharuch	Ankleshwar	19.8	460.8	144.8	47.4	6.6
Bhavnagar	Talaja	14.5	5.7	66.9	46.7	6.5
Kachchh	Bhuj	13.8	7.2	65.9	45.7	6.4
Ahmedabad	Daskroi	9.2	12.9	63.0	44.0	6.2
Vadodara	Sankheda	12.0	42.1	123.4	43.9	6.1
Mahesana	Mahesana	8.7	12.4	60.3	42.2	5.9
Vadodara	Vaghodiya	7.1	132.7	289.4	43.6	5.8
Surendranagar	Vadhvan	13.0	4.2	58.4	40.9	5.7
Anand	Khambhat	2.4	148.6	418.5	42.1	5.5
Rajkot	Lodhika	10.4	6.6	54.0	37.8	5.3
Amreli	Babra	8.2	22.9	53.9	36.8	5.1
Rajkot	Jetpur	10.0	6.3	51.7	36.2	5.1
Kachchh	Nakhtrana	10.8	10.3	54.3	35.9	5.0
Surat	Uchchhal	37.9	2785.8	139.3	34.8	4.9
Bhavnagar	Bhavnagar	10.7	3.9	49.2	34.4	4.8
Bhavnagar	Vallabhipur	10.1	3.6	46.5	32.6	4.6
Vadodara	Kawant	10.0	54.6	44.8	30.2	4.2
Surendranagar	Chotila	9.2	3.1	41.3	28.9	4.0
Rajkot	Vankaner	7.8	4.9	40.5	28.4	4.0
Kachchh	Mandvi	8.4	3.8	39.5	27.6	3.9
Bhavnagar	Botad	8.4	5.1	40.0	27.2	3.8
Kachchh	Anjar	8.2	3.4	38.6	27.0	3.8
Bhavnagar	Umarala	8.1	2.9	37.1	26.0	3.6
Amreli	Savarkundla	7.9	56.6	37.5	25.1	3.5
Jamnagar	Bhanvad	6.4	4.7	34.7	24.3	3.4
Jamnagar	Jamnagar	6.2	4.6	33.7	23.6	3.3
Rajkot	Kotdasangani	6.3	4.0	32.6	22.8	3.2
Rajkot	Tankara	6.0	3.8	31.2	21.8	3.1
Surendranagar	Dasada	6.7	2.1	30.1	21.0	2.9
Kachchh	Bhachau	4.3	30.6	105.2	21.6	2.9
Rajkot	Jamkandorna	5.8	3.7	29.9	20.9	2.9

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Porbander	Porbandar	5.1	33.4	42.2	20.9	2.9
Surat	Kamrej	21.7	1596.5	79.8	20.0	2.8
Kheda	Matar	1.3	80.8	212.5	21.3	2.8
Vadodara	Dabhoi	2.8	102.8	155.2	19.8	2.6
Navsari	Vansda	19.3	1082.2	65.5	18.6	2.6
Jamnagar	Jamjodhpur	4.4	3.3	23.8	16.7	2.3
Surat	Vyara	1.6	50.2	152.2	17.7	2.3
Amreli	Dhari	7.3	76.3	25.3	16.1	2.3
Valsad	Dharampur	14.4	817.8	72.3	15.6	2.2
Kheda	Thasara	40.5	104.3	165.4	16.6	2.2
Jamnagar	Jodiya	3.9	3.8	21.0	14.7	2.1
Rajkot	Upleta	3.5	2.2	18.2	12.8	1.8
Vadodara	Vadodara	2.8	33.3	65.5	13.0	1.8
Ahmedabad	Viramgam	3.5	17.1	19.4	11.6	1.6
Vadodara	Naswadi	3.6	1.5	16.5	11.4	1.6
Panchmahal	Lunawada	3.3	1.6	15.8	11.1	1.6
Surat	Choryasi	2.9	151.4	79.2	11.2	1.5
Bharuch	Valiya	3.3	5.1	14.9	10.3	1.4
Jamnagar	Dhrol	2.7	3.2	15.4	10.2	1.4
Kachchh	Rapar	2.9	12.8	13.6	9.2	1.3
Junagadh	Kodinar	2.5	8.6	16.5	8.8	1.2
Valsad	Kaprada	9.1	518.4	31.1	8.5	1.2
Kheda	Kathlal	0.81	35.5	89.1	9.0	1.2
Junagadh	Keshod	2.0	6.3	19.8	8.4	1.2
Anand	Tarapur	6.6	50.1	85.0	8.8	1.2
Bhavnagar	Gariadhar	2.5	0.91	11.6	8.1	1.1
Kheda	Kapadvanj	0.52	27.5	82.3	8.5	1.1
Kachchh	Rann-Of-Kachchh	2.1	1.9	13.0	7.3	1.0
Junagadh	Manavadar	3.3	223.1	58.9	7.4	0.99
Anand	Anand	39.8	73.2	73.2	7.3	0.95
Banaskantha	Vav	2.2	0.57	9.6	6.8	0.95
Amreli	Rajula	1.3	1.9	9.1	6.4	0.90
Surat	Mandvi	6.4	469.3	23.5	5.9	0.82
Kheda	Mahudha	0.32	20.1	60.3	6.0	0.78
Surendranagar	Lakhtar	1.8	0.57	8.0	5.6	0.78
Vadodara	Shinor	1.7	0.61	8.0	5.6	0.78
Dahod	Ghoghamba	1.6	0.71	7.7	5.4	0.75

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jamnagar	Kalyanpur	1.6	19.6	8.0	5.2	0.73
Jamnagar	Lalpur	1.3	0.96	7.0	4.9	0.69
Ahmedabad	Mandal	2.1	11.5	8.8	4.8	0.66
Kheda	Virpur	0.86	29.1	44.5	4.9	0.64
Porbander	Ranavav	1.8	77.1	8.9	4.2	0.59
Amreli	Bagasara	0.85	1.2	5.9	4.2	0.58
Dahod	Dahod	1.2	0.70	5.9	4.2	0.58
Jamnagar	Khambhaliya	1.1	1.4	5.9	4.1	0.57
Kachchh	Abadasa	1.1	0.68	5.2	3.5	0.50
Kheda	Balasinor	0.20	12.4	37.1	3.7	0.48
Surat	Mangrol	1.4	49.9	7.1	3.3	0.45
Junagadh	Una	3.1	222.3	11.1	2.8	0.39
Amreli	Liliya	11.7	200.7	10.0	2.5	0.35
Rajkot	Maliya	0.63	0.39	3.2	2.3	0.32
Amreli	Amreli	0.53	2.2	3.8	2.0	0.28
Navsari	Jalalpur	0.11	6.1	18.2	1.8	0.24
Surat	Surat City	1.7	123.1	6.2	1.5	0.22
Porbander	Kutiyana	0.89	43.9	4.1	1.6	0.21
Banaskantha	Tharad	0.55	4.9	2.2	1.4	0.20
Valsad	Umargaon	1.9	112.3	5.6	1.4	0.20
Kachchh	Mundra	0.40	0.17	1.9	1.3	0.19
Valsad	Pardi	0.51	11.2	2.7	1.3	0.18
Amreli	Khambha	0.25	0.35	1.7	1.2	0.17
Junagadh	Maliya	1.3	90.5	4.5	1.1	0.16
Sabarkantha	Himatnagar	0.10	3.6	10.9	1.1	0.14
Valsad	Valsad	0.52	19.9	2.3	0.95	0.13
Jamnagar	Okhamandal	0.21	0.15	1.1	0.79	0.11
Ahmedabad	Ahamdabad City	0.16	0.24	1.1	0.77	0.11
Junagadh	Sutrapada	0.18	0.61	1.2	0.63	0.086
Anand	Anklav	0.038	1.8	5.4	0.56	0.073
Sabarkantha	Khedbrahma	0.60	38.1	1.9	0.48	0.067
Junagadh	Visavadar	0.40	28.5	1.4	0.36	0.050
Panchmahal	Shahera	0.022	1.2	3.1	0.31	0.040
Dahod	Garbada	0.014	0.73	2.2	0.22	0.028
Panchmahal	Kadana	0.096	6.3	0.31	0.078	0.011
Dahod	Jhalod	0.087	5.7	0.29	0.071	0.0100
Sabarkantha	Talod	0.018	0.060	0.12	0.063	0.0087

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sabarkantha	Prantij	0.010	0.034	0.067	0.036	0.0049
Panchmahal	Jambughoda	0.0033	0.16	0.35	0.037	0.0048
Kachchh	Lakhpat	0.010	0.039	0.046	0.032	0.0044
Banaskantha	Palanpur	0.0057	0.067	0.031	0.016	0.0022
Panchmahal	Kalol(Panchmahals)	0.00093	0.048	0.15	0.015	0.0019
Dahod	Devgadhbaria	0.0044	0.28	0.12	0.014	0.0018
The dangs	Dangs	0.020	1.0	0.050	0.013	0.0018
Panchmahal	Morva	0.0042	0.0085	0.023	0.012	0.0017
Kheda	Nadiad	0.0026	0.0086	0.017	0.0090	0.0012
Banaskantha	Danta	0.0029	0.070	0.013	0.0062	0.00086
Anand	Sojitra	0.00073	0.017	0.052	0.0065	0.00085
Banaskantha	Kankrej	0.0030	0.076	0.013	0.0061	0.00084
Sabarkantha	Bayad	0.0017	0.0057	0.011	0.0059	0.00082
Mahesana	Vijapur	0.0014	0.0042	0.0088	0.0047	0.00064
Panchmahal	Santrampur	0.0041	0.26	0.013	0.0033	0.00046
Anand	Umreth	0.00040	0.0052	0.017	0.0025	0.00034
Banaskantha	Deesa	0.00073	0.0021	0.0045	0.0024	0.00033
Panchmahal	Godhara	0.0017	0.092	0.0063	0.0021	0.00029
Anand	Petlad	0.00039	0.0028	0.0096	0.0019	0.00026
Panchmahal	Halol	0.00031	0.012	0.010	0.0014	0.00018
Anand	Borsad	0.00022	0.0023	0.0076	0.0013	0.00017
Mahesana	Vadnagar	0.00026	0.00077	0.0016	0.00085	0.00012
Panchmahal	Khanpur	5.40E-05	0.0025	0.0074	0.00076	9.95E-05
Dahod	Dhanpur	0.00061	0.040	0.0020	0.00050	6.95E-05
Mahesana	Kheralu	7.00E-05	0.00021	0.00044	0.00023	3.20E-05
Banaskantha	Amirgadh	0.00028	0.014	0.00071	0.00018	2.49E-05
Mahesana	Satlasana	5.10E-05	0.00015	0.00032	0.00017	2.33E-05
Mahesana	Becharaji	2.90E-05	8.70E-05	0.00018	9.64E-05	1.33E-05
Mahesana	Visnagar	2.80E-05	8.40E-05	0.00018	9.30E-05	1.28E-05
Banaskantha	Bhabhar	2.10E-05	6.07E-05	0.00013	6.88E-05	9.47E-06
Dahod	Limkheda	5.70E-05	0.0037	0.00019	4.63E-05	6.48E-06
Dahod	Fatepura	4.00E-06	0.00026	1.30E-05	3.25E-06	4.55E-07
Total		1666.1	16038.9	11634.6	5508.1	767.1

District Level Residue Wise

District level Residue-wise Data for Ahmedabad; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	108.5	151.9	412.3	288.6	40.4
Cotton	Bollshell	108.5	151.9	166.9	116.8	16.4
Cotton	Husk	108.5	151.9	166.9	116.8	16.4
Coconut	FronDs	6.4	8.9	25.6	12.8	1.8
Coconut	Husk & Pith	6.4	8.9	4.7	2.4	0.31
Coconut	Shell	6.4	8.9	2.0	1.6	0.22
Sugarcane	Tops & Leaves	4.9	92.1	4.6	1.2	0.16
Others	Others	0.17	0.56	1.7	0.17	0.022
Total		120.0	253.5	784.7	540.3	75.6

District level Residue-wise Data for Amreli; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	87.8	125.5	333.6	233.5	32.7
Cotton	Bollshell	87.8	125.5	138.4	96.9	13.6
Cotton	Husk	87.8	125.5	138.4	96.9	13.6
Sugarcane	Tops & Leaves	27.5	470.8	23.5	5.9	0.82
Coconut	FronDs	1.2	4.9	4.6	2.3	0.32
Coconut	Husk & Pith	1.2	4.9	2.6	1.3	0.17
Coconut	Shell	1.2	4.9	1.1	0.86	0.12
Total		116.4	601.2	642.3	437.7	61.3

District level Residue-wise Data for Anand; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	2.6	165.3	496.0	49.6	6.4
Tobacco	Stalks	45.7	84.1	84.0	8.4	1.1
Others	Others	0.48	24.4	2.1	0.85	0.12
Total		48.8	273.8	582.1	58.9	7.7

District level Residue-wise Data for Banaskantha; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	24.2	6.3	92.0	64.4	9.0
Cotton	Bollshell	24.2	6.3	6.9	4.8	0.68
Cotton	Husk	24.2	6.3	6.9	4.8	0.68
Others	Others	0.11	5.1	0.31	0.096	0.013
Total		24.3	11.4	106.1	74.2	10.4

District level Residue-wise Data for Bharuch; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	142.0	48.3	539.5	377.6	52.9
Banana	Residue	4.4	267.9	803.7	80.4	10.4
Cotton	Bollshell	142.0	48.3	53.1	37.2	5.2
Cotton	Husk	142.0	48.3	53.1	37.2	5.2
Sugarcane	Tops & Leaves	22.3	1139.9	57.0	14.2	2.0
Coconut	FronDs	0.19	0.62	0.75	0.38	0.053
Others	Others	0	0	0.46	0.27	0.036
Total		168.9	1456.7	1507.6	547.3	75.8

District level Residue-wise Data for Bhavnagar; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	151.4	54.5	575.3	402.7	56.4
Cotton	Bollshell	151.4	54.5	60.2	42.2	5.9
Cotton	Husk	151.4	54.5	60.2	42.2	5.9
Coconut	FronDs	2.5	8.2	10.0	5.0	0.70
Banana	Residue	0.23	16.8	50.4	5.0	0.66
Coconut	Husk & Pith	2.5	8.2	4.4	2.2	0.28
Coconut	Shell	2.5	8.2	1.8	1.4	0.20
Others	Others	0.077	7.7	0.39	0.097	0.014
Total		154.2	87.3	762.8	500.8	70.0

District level Residue-wise Data for Dahod; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	2.8	1.3	10.8	7.6	1.1
Cotton	Bollshell	2.8	1.3	1.4	0.97	0.14
Cotton	Husk	2.8	1.3	1.4	0.97	0.14
Others	Others	0.11	6.9	2.6	0.31	0.041
Total		3.0	8.1	16.2	9.8	1.4

District level Residue-wise Data for Gandhinagar; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	56.4	156.7	214.2	149.9	21.0
Cotton	Bollshell	56.4	156.7	172.6	120.8	16.9
Cotton	Husk	56.4	156.7	172.6	120.8	16.9
Coconut	Fronds	1.6	2.3	6.6	3.3	0.46
Coconut	Husk & Pith	1.6	2.3	1.2	0.60	0.079
Coconut	Shell	1.6	2.3	0.50	0.40	0.056
Others	Others	0.40	7.2	0.49	0.10	0.014
Total		58.4	166.2	568.1	395.9	55.4

District level Residue-wise Data for Jamnagar; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	47.9	35.5	182.1	127.5	17.8
Cotton	Bollshell	47.9	35.5	39.0	27.3	3.8
Cotton	Husk	47.9	35.5	39.0	27.3	3.8
Coconut	Fronds	0.55	1.8	2.2	1.1	0.15
Others	Others	0.30	20.2	1.4	0.57	0.080
Coconut	Husk & Pith	0.55	1.8	0.96	0.48	0.062
Total		48.8	57.5	264.7	184.3	25.8

District level Residue-wise Data for Junagadh; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	19.0	18.8	72.1	50.5	7.1
Cotton	Bollshell	19.0	18.8	20.7	14.5	2.0
Cotton	Husk	19.0	18.8	20.7	14.5	2.0
Coconut	FronDs	3.4	11.7	13.7	6.9	0.96
Sugarcane	Tops & Leaves	7.7	548.2	27.4	6.9	0.96
Banana	Residue	0.43	18.8	56.4	5.6	0.73
Coconut	Husk & Pith	3.4	11.7	6.2	3.1	0.40
Coconut	Shell	3.4	11.7	2.6	2.1	0.29
Total		30.5	597.4	219.7	103.9	14.5

District level Residue-wise Data for Kachchh; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	48.8	20.5	185.5	129.8	18.2
Cotton	Bollshell	48.8	20.5	22.5	15.8	2.2
Cotton	Husk	48.8	20.5	22.5	15.8	2.2
Banana	Residue	0.41	29.9	89.8	9.0	1.2
Coconut	FronDs	2.5	8.2	10.0	5.0	0.70
Coconut	Husk & Pith	2.5	8.2	4.4	2.2	0.28
Coconut	Shell	2.5	8.2	1.8	1.4	0.20
Others	Others	0.20	12.2	0.61	0.15	0.021
Total		51.9	70.8	337.2	179.2	25.0

District level Residue-wise Data for Kheda; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	3.3	204.7	614.0	61.4	8.0
Tobacco	Stalks	40.6	74.7	74.7	7.5	0.97
Others	Others	0.21	0.37	1.2	0.71	0.098
Sugarcane	Tops & Leaves	0.40	30.0	1.5	0.37	0.052
Total		44.5	309.7	691.4	70.0	9.1

District level Residue-wise Data for Mahesana; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	20.1	28.7	76.3	53.4	7.5
Cotton	Bollshell	20.1	28.7	31.5	22.1	3.1
Cotton	Husk	20.1	28.7	31.5	22.1	3.1
Others	Others	0.084	0.25	0.52	0.28	0.038
Total		20.2	28.9	139.9	97.8	13.7

District level Residue-wise Data for Navsari; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sugarcane	Tops & Leaves	17.8	1076.7	53.8	13.5	1.9
Coconut	FronDs	1.4	4.7	5.7	2.8	0.40
Banana	Residue	0.13	6.9	20.7	2.1	0.27
Coconut	Husk & Pith	1.4	4.7	2.5	1.2	0.16
Coconut	Shell	1.4	4.7	1.0	0.82	0.12
Total		19.4	1088.3	83.8	20.4	2.8

District level Residue-wise Data for Panchmahal; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	3.3	1.5	12.6	8.8	1.2
Cotton	Bollshell	3.3	1.5	1.6	1.1	0.16
Cotton	Husk	3.3	1.5	1.6	1.1	0.16
Others	Others	0.14	8.2	4.0	0.46	0.061
Total		3.5	9.7	19.8	11.5	1.6

District level Residue-wise Data for Porbander; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	4.9	4.8	18.6	13.0	1.8
Cotton	Bollshell	4.9	4.8	5.3	3.7	0.52
Cotton	Husk	4.9	4.8	5.3	3.7	0.52
Sugarcane	Tops & Leaves	2.0	142.2	7.1	1.8	0.25
Coconut	FronDs	0.88	3.0	3.5	1.8	0.25
Banana	Residue	0.100	4.4	13.1	1.3	0.17
Coconut	Husk & Pith	0.88	3.0	1.6	0.79	0.10
Coconut	Shell	0.88	3.0	0.66	0.53	0.074
Total		7.9	154.4	55.2	26.6	3.7

District level Residue-wise Data for Rajkot; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	153.3	96.6	582.4	407.7	57.1
Cotton	Bollshell	153.3	96.6	106.2	74.3	10.4
Cotton	Husk	153.3	96.6	106.2	74.3	10.4
Others	Others	0.44	27.3	1.6	0.48	0.067
Total		153.7	123.9	796.4	556.8	78.0

District level Residue-wise Data for Sabarkantha; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	35.7	16.4	135.6	94.9	13.3
Cotton	Bollshell	35.7	16.4	18.1	12.6	1.8
Cotton	Husk	35.7	16.4	18.1	12.6	1.8
Banana	Residue	0.10	3.6	10.9	1.1	0.14
Sugarcane	Tops & Leaves	0.60	38.1	1.9	0.48	0.067
Others	Others	0.031	0.10	0.20	0.11	0.014
Total		36.4	58.3	184.7	121.9	17.0

District level Residue-wise Data for Surat; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sugarcane	Tops & Leaves	113.7	8353.2	417.7	104.4	14.6
Banana	Residue	2.1	136.0	407.9	40.8	5.3
Cotton	Stalks	2.8	1.3	10.5	7.3	1.0
Coconut	FronDs	0.80	2.6	3.2	1.6	0.22
Cotton	Bollshell	2.8	1.3	1.5	1.0	0.14
Cotton	Husk	2.8	1.3	1.5	1.0	0.14
Coconut	Husk & Pith	0.80	2.6	1.4	0.69	0.090
Coconut	Shell	0.80	2.6	0.58	0.46	0.064
Total		119.3	8493.1	844.1	157.3	21.6

District level Residue-wise Data for Surendranagar; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	222.6	71.2	846.0	592.2	82.9
Cotton	Bollshell	222.6	71.2	78.4	54.9	7.7
Cotton	Husk	222.6	71.2	78.4	54.9	7.7
Others	Others	0.0027	0.19	0.0094	0.0023	0.00033
Total		222.6	71.4	1002.8	701.9	98.3

District level Residue-wise Data for Thedangs; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.020	1.0	0.050	0.013	0.0018
Total		0.020	1.0	0.050	0.013	0.0018

District level Residue-wise Data for Vadodara; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	178.8	62.6	679.4	475.6	66.6
Banana	Residue	4.9	360.5	1081.6	108.2	14.1
Cotton	Bollshell	178.8	62.6	68.8	48.2	6.7

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Husk	178.8	62.6	68.8	48.2	6.7
Sugarcane	Tops & Leaves	3.1	212.8	10.6	2.7	0.37
Coconut	FronDs	0.27	0.89	1.1	0.54	0.076
Others	Others	0	0	0.67	0.39	0.053
Total		187.1	636.8	1911.1	683.7	94.6

District level Residue-wise Data for Valsad; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sugarcane	Tops & Leaves	24.2	1463.7	73.2	18.3	2.6
Coconut	FronDs	1.9	6.4	7.8	3.9	0.54
Banana	Residue	0.18	9.4	28.2	2.8	0.37
Coconut	Husk & Pith	1.9	6.4	3.4	1.7	0.22
Coconut	Shell	1.9	6.4	1.4	1.1	0.16
Total		26.4	1479.5	113.9	27.8	3.8

District Level Taluk Wise

DistrictLevel Taluk-wise Data for Ahmedabad ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Dholka	41.8	58.5	286.8	200.6	28.1
Sanand	32.6	60.7	215.3	148.6	20.8
Bavla	16.5	62.7	98.5	67.3	9.4
Detroj-Rampur	14.2	29.8	91.7	62.7	8.8
Daskroi	9.2	12.9	63.0	44.0	6.2
Viramgam	3.5	17.1	19.4	11.6	1.6
Mandal	2.1	11.5	8.8	4.8	0.66
Ahamdabad City	0.16	0.24	1.1	0.77	0.11
Total		120.0	253.5	784.7	540.3

DistrictLevel Taluk-wise Data for Amreli ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Vadia	46.3	66.1	321.7	225.2	31.5
Jafrabad	13.1	18.8	91.4	64.0	9.0
Lathi	18.9	154.0	81.9	54.2	7.6
Babra	8.2	22.9	53.9	36.8	5.1
Savarkundla	7.9	56.6	37.5	25.1	3.5
Dhari	7.3	76.3	25.3	16.1	2.3
Rajula	1.3	1.9	9.1	6.4	0.90
Bagasara	0.85	1.2	5.9	4.2	0.58
Liliya	11.7	200.7	10.0	2.5	0.35
Amreli	0.53	2.2	3.8	2.0	0.28
Khambha	0.25	0.35	1.7	1.2	0.17
Total		116.4	601.2	642.3	437.7

DistrictLevel Taluk-wise Data for Anand ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Khambhat	2.4	148.6	418.5	42.1	5.5
Tarapur	6.6	50.1	85.0	8.8	1.2
Anand	39.8	73.2	73.2	7.3	0.95
Anklav	0.038	1.8	5.4	0.56	0.073
Sojitra	0.00073	0.017	0.052	0.0065	0.00085
Umreth	0.00040	0.0052	0.017	0.0025	0.00034
Petlad	0.00039	0.0028	0.0096	0.0019	0.00026
Borsad	0.00022	0.0023	0.0076	0.0013	0.00017
Total		48.8	273.8	582.1	58.9

DistrictLevel Taluk-wise Data for Banaskantha ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Dantiwada	21.5	5.6	94.2	65.9	9.2
Vav	2.2	0.57	9.6	6.8	0.95
Tharad	0.55	4.9	2.2	1.4	0.20

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Palanpur	0.0057	0.067	0.031	0.016	0.0022
Danta	0.0029	0.070	0.013	0.0062	0.00086
Kankrej	0.0030	0.076	0.013	0.0061	0.00084
Deesa	0.00073	0.0021	0.0045	0.0024	0.00033
Amirgadh	0.00028	0.014	0.00071	0.00018	2.49E-05
Bhabhar	2.10E-05	6.07E-05	0.00013	6.88E-05	9.47E-06
Total		24.3	11.4	106.1	74.2

DistrictLevel Taluk-wise Data for Bharuch ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jambusar	24.1	349.3	749.6	125.4	16.9
Hansot	25.9	59.3	115.8	79.9	11.2
Vagara	30.5	363.8	124.8	79.3	11.1
Jhaghadia	22.1	33.7	168.0	75.9	10.6
Bharuch	23.5	113.0	102.5	69.4	9.7
Amod	19.7	71.8	87.2	59.5	8.3
Ankleshwar	19.8	460.8	144.8	47.4	6.6
Valiya	3.3	5.1	14.9	10.3	1.4
Total		168.9	1456.7	1507.6	547.3

DistrictLevel Taluk-wise Data for Bhavnagar ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Palitana	27.7	12.3	129.0	89.4	12.5
Shihor	20.1	23.9	141.7	68.9	9.6
Gadhada	21.1	10.3	98.6	68.0	9.5
Mahuva	16.2	13.4	74.7	52.1	7.3
Ghogha	14.7	5.3	67.5	47.3	6.6
Talaja	14.5	5.7	66.9	46.7	6.5
Bhavnagar	10.7	3.9	49.2	34.4	4.8
Vallabhipur	10.1	3.6	46.5	32.6	4.6
Botad	8.4	5.1	40.0	27.2	3.8

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Umarala	8.1	2.9	37.1	26.0	3.6
Gariadhar	2.5	0.91	11.6	8.1	1.1
Total		154.2	87.3	762.8	500.8

DistrictLevel Taluk-wise Data for Dahod ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Ghoghamba	1.6	0.71	7.7	5.4	0.75
Dahod	1.2	0.70	5.9	4.2	0.58
Garbada	0.014	0.73	2.2	0.22	0.028
Jhalod	0.087	5.7	0.29	0.071	0.0100
Devgadhbaria	0.0044	0.28	0.12	0.014	0.0018
Dhanpur	0.00061	0.040	0.0020	0.00050	6.95E-05
Limkheda	5.70E-05	0.0037	0.00019	4.63E-05	6.48E-06
Fatepura	4.00E-06	0.00026	1.30E-05	3.25E-06	4.55E-07
Total		3.0	8.1	16.2	9.8

DistrictLevel Taluk-wise Data for Gandhinagar ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gandhinagar	21.7	60.0	214.3	149.8	21.0
Kalol	17.2	52.4	165.0	114.9	16.1
Dehgam	10.1	26.7	95.4	65.9	9.2
Mansa	9.5	27.0	93.4	65.2	9.1
Total		58.4	166.2	568.1	395.9

DistrictLevel Taluk-wise Data for Jamnagar ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kalavad	21.0	15.7	114.0	79.7	11.2
Bhanvad	6.4	4.7	34.7	24.3	3.4
Jamnagar	6.2	4.6	33.7	23.6	3.3

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jamjodhpur	4.4	3.3	23.8	16.7	2.3
Jodiya	3.9	3.8	21.0	14.7	2.1
Dhrol	2.7	3.2	15.4	10.2	1.4
Kalyanpur	1.6	19.6	8.0	5.2	0.73
Lalpur	1.3	0.96	7.0	4.9	0.69
Khambhaliya	1.1	1.4	5.9	4.1	0.57
Okhamandal	0.21	0.15	1.1	0.79	0.11
Total		48.8	57.5	264.7	184.3

DistrictLevel Taluk-wise Data for Junagadh ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Junagadh	17.8	17.6	106.3	74.4	10.4
Kodinar	2.5	8.6	16.5	8.8	1.2
Keshod	2.0	6.3	19.8	8.4	1.2
Manavadar	3.3	223.1	58.9	7.4	0.99
Una	3.1	222.3	11.1	2.8	0.39
Maliya	1.3	90.5	4.5	1.1	0.16
Sutrapada	0.18	0.61	1.2	0.63	0.086
Visavadar	0.40	28.5	1.4	0.36	0.050
Total		30.5	597.4	219.7	103.9

DistrictLevel Taluk-wise Data for Kachchh ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bhuj	13.8	7.2	65.9	45.7	6.4
Nakhtrana	10.8	10.3	54.3	35.9	5.0
Mandvi	8.4	3.8	39.5	27.6	3.9
Anjar	8.2	3.4	38.6	27.0	3.8
Bhachau	4.3	30.6	105.2	21.6	2.9
Rapar	2.9	12.8	13.6	9.2	1.3
Rann-Of-Kachchh	2.1	1.9	13.0	7.3	1.0

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Abadasa	1.1	0.68	5.2	3.5	0.50
Mundra	0.40	0.17	1.9	1.3	0.19
Lakhpat	0.010	0.039	0.046	0.032	0.0044
Total		51.9	70.8	337.2	179.2

DistrictLevel Taluk-wise Data for Kheda ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Matar	1.3	80.8	212.5	21.3	2.8
Thasara	40.5	104.3	165.4	16.6	2.2
Kathlal	0.81	35.5	89.1	9.0	1.2
Kapadvanj	0.52	27.5	82.3	8.5	1.1
Mahudha	0.32	20.1	60.3	6.0	0.78
Virpur	0.86	29.1	44.5	4.9	0.64
Balasinor	0.20	12.4	37.1	3.7	0.48
Nadiad	0.0026	0.0086	0.017	0.0090	0.0012
Total		44.5	309.7	691.4	70.0

DistrictLevel Taluk-wise Data for Mahesana ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kadi	11.5	16.5	79.6	55.6	7.8
Mahesana	8.7	12.4	60.3	42.2	5.9
Vijapur	0.0014	0.0042	0.0088	0.0047	0.00064
Vadnagar	0.00026	0.00077	0.0016	0.00085	0.00012
Kheralu	7.00E-05	0.00021	0.00044	0.00023	3.20E-05
Satlasana	5.10E-05	0.00015	0.00032	0.00017	2.33E-05
Becharaji	2.90E-05	8.70E-05	0.00018	9.64E-05	1.33E-05
Visnagar	2.80E-05	8.40E-05	0.00018	9.30E-05	1.28E-05
Total		20.2	28.9	139.9	97.8

DistrictLevel Taluk-wise Data for Navsari ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Vansda	19.3	1082.2	65.5	18.6	2.6
Jalalpur	0.11	6.1	18.2	1.8	0.24
Total		19.4	1088.3	83.8	20.4

DistrictLevel Taluk-wise Data for Panchmahal ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Lunawada	3.3	1.6	15.8	11.1	1.6
Shahera	0.022	1.2	3.1	0.31	0.040
Kadana	0.096	6.3	0.31	0.078	0.011
Jambughoda	0.0033	0.16	0.35	0.037	0.0048
Kalol(Panchmahals)	0.00093	0.048	0.15	0.015	0.0019
Morva	0.0042	0.0085	0.023	0.012	0.0017
Santrampur	0.0041	0.26	0.013	0.0033	0.00046
Godhara	0.0017	0.092	0.0063	0.0021	0.00029
Halol	0.00031	0.012	0.010	0.0014	0.00018
Khanpur	5.40E-05	0.0025	0.0074	0.00076	9.95E-05
Total		3.5	9.7	19.8	11.5

DistrictLevel Taluk-wise Data for Porbander ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Porbandar	5.1	33.4	42.2	20.9	2.9
Ranavav	1.8	77.1	8.9	4.2	0.59
Kutiyana	0.89	43.9	4.1	1.6	0.21
Total		7.9	154.4	55.2	26.6

DistrictLevel Taluk-wise Data for Rajkot ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Morvi	24.0	42.1	123.7	86.0	12.0
Gondal	18.7	11.8	97.1	68.0	9.5
Jasdan	16.8	10.6	87.1	61.0	8.5
Paddhari	15.3	9.7	79.5	55.7	7.8
Rajkot	14.8	9.3	76.8	53.7	7.5
Dhoraji	13.7	8.6	70.8	49.6	6.9
Lodhika	10.4	6.6	54.0	37.8	5.3
Jetpur	10.0	6.3	51.7	36.2	5.1
Vankaner	7.8	4.9	40.5	28.4	4.0
Kotdasangani	6.3	4.0	32.6	22.8	3.2
Tankara	6.0	3.8	31.2	21.8	3.1
Jamkandorna	5.8	3.7	29.9	20.9	2.9
Upleta	3.5	2.2	18.2	12.8	1.8
Maliya	0.63	0.39	3.2	2.3	0.32
Total		153.7	123.9	796.4	556.8

DistrictLevel Taluk-wise Data for Sabarkantha ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Modasa	21.6	9.9	103.8	72.6	10.2
Vijaynagar	14.1	6.5	67.9	47.6	6.7
Himatnagar	0.10	3.6	10.9	1.1	0.14
Khedbrahma	0.60	38.1	1.9	0.48	0.067
Talod	0.018	0.060	0.12	0.063	0.0087
Prantij	0.010	0.034	0.067	0.036	0.0049
Bayad	0.0017	0.0057	0.011	0.0059	0.00082
Total		36.4	58.3	184.7	121.9

DistrictLevel Taluk-wise Data for Surat ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sonagadh	45.7	3267.0	356.9	63.0	8.6
Uchchhal	37.9	2785.8	139.3	34.8	4.9
Kamrej	21.7	1596.5	79.8	20.0	2.8
Vyara	1.6	50.2	152.2	17.7	2.3
Choryasi	2.9	151.4	79.2	11.2	1.5
Mandvi	6.4	469.3	23.5	5.9	0.82
Mangrol	1.4	49.9	7.1	3.3	0.45
Surat City	1.7	123.1	6.2	1.5	0.22
Total		119.3	8493.1	844.1	157.3

DistrictLevel Taluk-wise Data for Surendranagar ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Halvad	53.0	17.0	238.8	167.2	23.4
Dhrangadhra	39.4	12.6	177.5	124.3	17.4
Limbdi	31.3	10.0	141.0	98.7	13.8
Muli	27.9	8.9	125.5	87.9	12.3
Chuda	21.4	6.8	96.3	67.4	9.4
Sayla	19.1	6.1	85.9	60.1	8.4
Vadhvan	13.0	4.2	58.4	40.9	5.7
Chotila	9.2	3.1	41.3	28.9	4.0
Dasada	6.7	2.1	30.1	21.0	2.9
Lakhtar	1.8	0.57	8.0	5.6	0.78
Total		222.6	71.4	1002.8	701.9

DistrictLevel Taluk-wise Data for Thedangs ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Dangs	0.020	1.0	0.050	0.013	0.0018
Total		0.020	1.0	0.050	0.013

DistrictLevel Taluk-wise Data for Vadodara ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Karjan	50.0	17.5	228.6	159.9	22.4
Chhota-Udepur	28.0	73.4	314.5	105.9	14.6
Padra	29.9	10.5	136.8	95.8	13.4
Savli	21.3	82.7	291.6	84.8	11.7
Jetpur-Pavi	17.9	85.1	236.9	69.9	9.6
Sankheda	12.0	42.1	123.4	43.9	6.1
Vaghodiya	7.1	132.7	289.4	43.6	5.8
Kawant	10.0	54.6	44.8	30.2	4.2
Dabhoi	2.8	102.8	155.2	19.8	2.6
Vadodara	2.8	33.3	65.5	13.0	1.8
Naswadi	3.6	1.5	16.5	11.4	1.6
Shinor	1.7	0.61	8.0	5.6	0.78
Total		187.1	636.8	1911.1	683.7

DistrictLevel Taluk-wise Data for Valsad ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Dharampur	14.4	817.8	72.3	15.6	2.2
Kaprada	9.1	518.4	31.1	8.5	1.2
Umargaon	1.9	112.3	5.6	1.4	0.20
Pardi	0.51	11.2	2.7	1.3	0.18
Valsad	0.52	19.9	2.3	0.95	0.13
Total		26.4	1479.5	113.9	27.8

Taluk Level Residue Wise

Taluk level Residue-wise Data for Ahamdabad City ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	0.16	0.22	0.61	0.43	0.060
Others	Others	0.00068	0.012	0.49	0.34	0.048
Total		0.16	0.24	1.1	0.77	0.11

Taluk level Residue-wise Data for Bavla ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	13.4	18.8	51.1	35.7	5.0
Cotton	Bollshell	13.4	18.8	20.7	14.5	2.0
Cotton	Husk	13.4	18.8	20.7	14.5	2.0
Coconut	FronDs	0.79	1.1	3.2	1.6	0.22
Sugarcane	Tops & Leaves	2.3	42.8	2.1	0.54	0.075
Others	Others	0	0	0.83	0.49	0.065
Total		16.5	62.7	98.5	67.3	9.4

Taluk level Residue-wise Data for Daskroi ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	9.1	12.7	34.6	24.2	3.4
Cotton	Bollshell	9.1	12.7	14.0	9.8	1.4
Cotton	Husk	9.1	12.7	14.0	9.8	1.4
Others	Others	0.096	0.14	0.48	0.25	0.035
Total		9.2	12.9	63.0	44.0	6.2

Taluk level Residue-wise Data for Detroj-Rampur ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	12.2	17.1	46.5	32.6	4.6
Cotton	Bollshell	12.2	17.1	18.8	13.2	1.8
Cotton	Husk	12.2	17.1	18.8	13.2	1.8
Coconut	FronDs	1.4	1.9	5.5	2.8	0.39
Coconut	Husk & Pith	1.4	1.9	1.0	0.51	0.066
Others	Others	0.57	10.7	0.96	0.47	0.066
Total		14.2	29.8	91.7	62.7	8.8

Taluk level Residue-wise Data for Dholka ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	41.6	58.2	157.9	110.5	15.5
Cotton	Bollshell	41.6	58.2	63.9	44.7	6.3
Cotton	Husk	41.6	58.2	63.9	44.7	6.3
Coconut	FronDs	0.22	0.30	0.86	0.43	0.060
Others	Others	0.0019	0.035	0.23	0.13	0.018
Total		41.8	58.5	286.8	200.6	28.1

Taluk level Residue-wise Data for Mandal ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Coconut	FronDs	1.3	1.8	5.1	2.6	0.36
Others	Others	0.50	9.4	1.7	1.0	0.14
Cotton	Stalks	0.27	0.38	1.0	0.72	0.10
Coconut	Husk & Pith	1.3	1.8	0.95	0.47	0.062
Total		2.1	11.5	8.8	4.8	0.66

Taluk level Residue-wise Data for Sanand ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	29.8	41.7	113.2	79.2	11.1
Cotton	Bollshell	29.8	41.7	45.8	32.1	4.5
Cotton	Husk	29.8	41.7	45.8	32.1	4.5
Coconut	FronDs	1.9	2.7	7.7	3.9	0.54
Coconut	Husk & Pith	1.9	2.7	1.4	0.71	0.093
Coconut	Shell	1.9	2.7	0.59	0.47	0.066
Others	Others	0.87	16.3	0.81	0.20	0.028
Total		32.6	60.7	215.3	148.6	20.8

Taluk level Residue-wise Data for Viramgam ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	2.0	2.8	7.5	5.2	0.73
Cotton	Bollshell	2.0	2.8	3.0	2.1	0.30
Cotton	Husk	2.0	2.8	3.0	2.1	0.30
Coconut	FronDs	0.70	0.98	2.8	1.4	0.20
Others	Others	0.85	13.4	3.1	0.76	0.10
Total		3.5	17.1	19.4	11.6	1.6

Taluk level Residue-wise Data for Amreli ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Coconut	FronDs	0.53	2.2	2.1	1.1	0.15
Coconut	Husk & Pith	0.53	2.2	1.2	0.59	0.077
Coconut	Shell	0.53	2.2	0.49	0.39	0.055
Total		0.53	2.2	3.8	2.0	0.28

Taluk level Residue-wise Data for Babra ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	7.0	10.0	26.7	18.7	2.6
Cotton	Bollshell	7.0	10.0	11.1	7.8	1.1
Cotton	Husk	7.0	10.0	11.1	7.8	1.1
Coconut	FronDs	0.63	2.7	2.5	1.3	0.18
Coconut	Husk & Pith	0.63	2.7	1.4	0.70	0.091
Coconut	Shell	0.63	2.7	0.58	0.47	0.065
Others	Others	0.60	10.3	0.51	0.13	0.018
Total		8.2	22.9	53.9	36.8	5.1

Taluk level Residue-wise Data for Bagasara ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	0.85	1.2	3.2	2.3	0.32
Cotton	Bollshell	0.85	1.2	1.3	0.94	0.13
Cotton	Husk	0.85	1.2	1.3	0.94	0.13
Total		0.85	1.2	5.9	4.2	0.58

Taluk level Residue-wise Data for Dhari ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	3.1	4.5	11.9	8.3	1.2
Cotton	Bollshell	3.1	4.5	4.9	3.5	0.48
Cotton	Husk	3.1	4.5	4.9	3.5	0.48
Sugarcane	Tops & Leaves	4.2	71.9	3.6	0.90	0.13
Total		7.3	76.3	25.3	16.1	2.3

Taluk level Residue-wise Data for Jafrabad ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	13.1	18.8	50.0	35.0	4.9
Cotton	Bollshell	13.1	18.8	20.7	14.5	2.0
Cotton	Husk	13.1	18.8	20.7	14.5	2.0
Total		13.1	18.8	91.4	64.0	9.0

Taluk level Residue-wise Data for Khambha ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	0.25	0.35	0.94	0.65	0.092
Others	Others	0	0	0.78	0.54	0.076
Total		0.25	0.35	1.7	1.2	0.17

Taluk level Residue-wise Data for Lathi ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	10.8	15.4	41.0	28.7	4.0
Cotton	Bollshell	10.8	15.4	17.0	11.9	1.7
Cotton	Husk	10.8	15.4	17.0	11.9	1.7
Sugarcane	Tops & Leaves	8.1	138.6	6.9	1.7	0.24
Total		18.9	154.0	81.9	54.2	7.6

Taluk level Residue-wise Data for Liliya ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sugarcane	Tops & Leaves	11.7	200.7	10.0	2.5	0.35
Others	Others	0.00060	0.00085	0.0041	0.0029	0.00041
Total		11.7	200.7	10.0	2.5	0.35

Taluk level Residue-wise Data for Rajula ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	1.3	1.9	5.0	3.5	0.49
Cotton	Bollshell	1.3	1.9	2.1	1.5	0.20
Cotton	Husk	1.3	1.9	2.1	1.5	0.20
Total		1.3	1.9	9.1	6.4	0.90

Taluk level Residue-wise Data for Savarkundla ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	5.0	7.2	19.1	13.4	1.9
Cotton	Bollshell	5.0	7.2	7.9	5.6	0.78
Cotton	Husk	5.0	7.2	7.9	5.6	0.78
Sugarcane	Tops & Leaves	2.9	49.4	2.5	0.62	0.086
Total		7.9	56.6	37.5	25.1	3.5

Taluk level Residue-wise Data for Vadia ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	46.3	66.1	175.8	123.0	17.2
Cotton	Bollshell	46.3	66.1	72.9	51.1	7.1
Cotton	Husk	46.3	66.1	72.9	51.1	7.1
Total		46.3	66.1	321.7	225.2	31.5

Taluk level Residue-wise Data for Anand ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Tobacco	Stalks	39.8	73.2	73.2	7.3	0.95
Others	Others	0.00032	0.00011	0.0015	0.0010	0.00014
Total		39.8	73.2	73.2	7.3	0.95

Taluk level Residue-wise Data for Anklay ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	0.028	1.8	5.3	0.53	0.069
Others	Others	0.0091	0.0031	0.042	0.029	0.0041
Total		0.038	1.8	5.4	0.56	0.073

Taluk level Residue-wise Data for Borsad ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.00022	0.0023	0.0076	0.0013	0.00017
Total		0.00022	0.0023	0.0076	0.0013	0.00017

Taluk level Residue-wise Data for Khambhat ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	2.2	139.2	417.7	41.8	5.4
Others	Others	0.20	9.4	0.80	0.35	0.049
Total		2.4	148.6	418.5	42.1	5.5

Taluk level Residue-wise Data for Petlad ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.00039	0.0028	0.0096	0.0019	0.00026
Total		0.00039	0.0028	0.0096	0.0019	0.00026

Taluk level Residue-wise Data for Sojitra ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.00073	0.017	0.052	0.0065	0.00085
Total		0.00073	0.017	0.052	0.0065	0.00085

Taluk level Residue-wise Data for Tarapur ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	0.39	24.3	72.9	7.3	0.95
Tobacco	Stalks	5.9	10.8	10.8	1.1	0.14
Others	Others	0.28	15.0	1.3	0.47	0.065
Total		6.6	50.1	85.0	8.8	1.2

Taluk level Residue-wise Data for Umreth ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.00040	0.0052	0.017	0.0025	0.00034
Total		0.00040	0.0052	0.017	0.0025	0.00034

Taluk level Residue-wise Data for Amirgadh ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.00028	0.014	0.00071	0.00018	2.49E-05
Total		0.00028	0.014	0.00071	0.00018	2.49E-05

Taluk level Residue-wise Data for Bhabhar ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	2.10E-05	6.07E-05	0.00013	6.88E-05	9.47E-06
Total		2.10E-05	6.07E-05	0.00013	6.88E-05	9.47E-06

Taluk level Residue-wise Data for Danta ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.0029	0.070	0.013	0.0062	0.00086
Total		0.0029	0.070	0.013	0.0062	0.00086

Taluk level Residue-wise Data for Dantiwada ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	21.5	5.6	81.9	57.3	8.0
Cotton	Bollshell	21.5	5.6	6.2	4.3	0.60
Cotton	Husk	21.5	5.6	6.2	4.3	0.60
Total		21.5	5.6	94.2	65.9	9.2

Taluk level Residue-wise Data for Deesa ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.00073	0.0021	0.0045	0.0024	0.00033
Total		0.00073	0.0021	0.0045	0.0024	0.00033

Taluk level Residue-wise Data for Kankrej ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.0030	0.076	0.013	0.0061	0.00084
Total		0.0030	0.076	0.013	0.0061	0.00084

Taluk level Residue-wise Data for Palanpur ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.0057	0.067	0.031	0.016	0.0022
Total		0.0057	0.067	0.031	0.016	0.0022

Taluk level Residue-wise Data for Tharad ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	0.45	0.12	1.7	1.2	0.17
Others	Others	0.098	4.8	0.51	0.25	0.034
Total		0.55	4.9	2.2	1.4	0.20

Taluk level Residue-wise Data for Vav ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	2.2	0.57	8.4	5.9	0.82
Cotton	Bollshell	2.2	0.57	0.63	0.44	0.062
Cotton	Husk	2.2	0.57	0.63	0.44	0.062
Total		2.2	0.57	9.6	6.8	0.95

Taluk level Residue-wise Data for Amod ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	18.4	6.3	70.1	49.1	6.9
Cotton	Bollshell	18.4	6.3	6.9	4.8	0.68
Cotton	Husk	18.4	6.3	6.9	4.8	0.68
Sugarcane	Tops & Leaves	1.3	65.6	3.3	0.82	0.11
Others	Others	5.00E-06	1.64E-05	3.23E-05	1.72E-05	2.37E-06
Total		19.7	71.8	87.2	59.5	8.3

Taluk level Residue-wise Data for Ankleshwar ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	10.9	3.7	41.4	29.0	4.1
Banana	Residue	0.40	24.6	73.7	7.4	0.96
Sugarcane	Tops & Leaves	8.5	432.5	21.6	5.4	0.76
Cotton	Bollshell	10.9	3.7	4.1	2.9	0.40
Cotton	Husk	10.9	3.7	4.1	2.9	0.40
Others	Others	3.00E-06	9.81E-06	1.94E-05	1.03E-05	1.42E-06
Total		19.8	460.8	144.8	47.4	6.6

Taluk level Residue-wise Data for Bharuch ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	21.4	7.3	81.3	56.9	8.0
Cotton	Bollshell	21.4	7.3	8.0	5.6	0.78
Cotton	Husk	21.4	7.3	8.0	5.6	0.78
Sugarcane	Tops & Leaves	2.1	105.7	5.3	1.3	0.18
Others	Others	7.50E-05	0.00025	0.00048	0.00026	3.55E-05
Total		23.5	113.0	102.5	69.4	9.7

Taluk level Residue-wise Data for Hansot ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	24.9	8.5	94.6	66.2	9.3
Cotton	Bollshell	24.9	8.5	9.3	6.5	0.91
Cotton	Husk	24.9	8.5	9.3	6.5	0.91
Sugarcane	Tops & Leaves	1.00	50.8	2.5	0.64	0.089
Others	Others	0.00016	0.00053	0.0010	0.00055	7.62E-05
Total		25.9	59.3	115.8	79.9	11.2

Taluk level Residue-wise Data for Jambusar ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	3.6	220.2	660.7	66.1	8.6
Cotton	Stalks	18.0	6.1	68.3	47.8	6.7
Cotton	Bollshell	18.0	6.1	6.7	4.7	0.66
Cotton	Husk	18.0	6.1	6.7	4.7	0.66
Sugarcane	Tops & Leaves	2.4	122.4	6.1	1.5	0.21
Others	Others	0.16	0.53	1.0	0.55	0.076
Total		24.1	349.3	749.6	125.4	16.9

Taluk level Residue-wise Data for Jhaghadia ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	21.6	7.3	82.1	57.5	8.0
Banana	Residue	0.38	23.1	69.4	6.9	0.90
Cotton	Bollshell	21.6	7.3	8.1	5.7	0.79
Cotton	Husk	21.6	7.3	8.1	5.7	0.79
Others	Others	0.086	3.2	0.32	0.12	0.017
Total		22.1	33.7	168.0	75.9	10.6

Taluk level Residue-wise Data for Vagara ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	23.5	8.0	89.4	62.6	8.8
Cotton	Bollshell	23.5	8.0	8.8	6.2	0.86
Cotton	Husk	23.5	8.0	8.8	6.2	0.86
Sugarcane	Tops & Leaves	7.0	355.8	17.8	4.4	0.62
Others	Others	0.0018	0.0059	0.012	0.0062	0.00085
Total		30.5	363.8	124.8	79.3	11.1

Taluk level Residue-wise Data for Valiya ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	3.2	1.1	12.3	8.6	1.2
Cotton	Bollshell	3.2	1.1	1.2	0.85	0.12
Cotton	Husk	3.2	1.1	1.2	0.85	0.12
Others	Others	0.078	4.0	0.20	0.050	0.0070
Total		3.3	5.1	14.9	10.3	1.4

Taluk level Residue-wise Data for Bhavnagar ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	10.7	3.9	40.7	28.5	4.0
Cotton	Bollshell	10.7	3.9	4.3	3.0	0.42
Cotton	Husk	10.7	3.9	4.3	3.0	0.42
Total		10.7	3.9	49.2	34.4	4.8

Taluk level Residue-wise Data for Botad ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	7.7	2.8	29.3	20.5	2.9
Cotton	Bollshell	7.7	2.8	3.1	2.1	0.30
Cotton	Husk	7.7	2.8	3.1	2.1	0.30
Coconut	FronDs	0.71	2.3	2.8	1.4	0.20
Coconut	Husk & Pith	0.71	2.3	1.2	0.62	0.080
Coconut	Shell	0.71	2.3	0.51	0.41	0.057
Total		8.4	5.1	40.0	27.2	3.8

Taluk level Residue-wise Data for Gadhada ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	20.2	7.3	76.6	53.6	7.5
Cotton	Bollshell	20.2	7.3	8.0	5.6	0.79
Cotton	Husk	20.2	7.3	8.0	5.6	0.79
Coconut	FronDs	0.92	3.0	3.7	1.8	0.26
Coconut	Husk & Pith	0.92	3.0	1.6	0.80	0.10
Coconut	Shell	0.92	3.0	0.66	0.53	0.074
Total		21.1	10.3	98.6	68.0	9.5

Taluk level Residue-wise Data for Gariadhar ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	2.5	0.91	9.6	6.7	0.94
Cotton	Bollshell	2.5	0.91	1.0	0.70	0.098
Cotton	Husk	2.5	0.91	1.0	0.70	0.098
Total		2.5	0.91	11.6	8.1	1.1

Taluk level Residue-wise Data for Ghogha ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	14.7	5.3	55.8	39.1	5.5
Cotton	Bollshell	14.7	5.3	5.8	4.1	0.57
Cotton	Husk	14.7	5.3	5.8	4.1	0.57
Total		14.7	5.3	67.5	47.3	6.6

Taluk level Residue-wise Data for Mahuva ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	16.2	5.8	61.4	43.0	6.0
Cotton	Bollshell	16.2	5.8	6.4	4.5	0.63
Cotton	Husk	16.2	5.8	6.4	4.5	0.63
Others	Others	0.075	7.5	0.38	0.094	0.013
Total		16.2	13.4	74.7	52.1	7.3

Taluk level Residue-wise Data for Palitana ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	26.9	9.7	102.4	71.7	10.0
Cotton	Bollshell	26.9	9.7	10.7	7.5	1.1
Cotton	Husk	26.9	9.7	10.7	7.5	1.1
Coconut	FronDs	0.80	2.6	3.2	1.6	0.22
Coconut	Husk & Pith	0.80	2.6	1.4	0.69	0.090
Coconut	Shell	0.80	2.6	0.58	0.46	0.065
Total		27.7	12.3	129.0	89.4	12.5

Taluk level Residue-wise Data for Shihor ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	19.9	7.2	75.5	52.8	7.4
Cotton	Bollshell	19.9	7.2	7.9	5.5	0.77
Cotton	Husk	19.9	7.2	7.9	5.5	0.77
Banana	Residue	0.23	16.8	50.4	5.0	0.66
Total		20.1	23.9	141.7	68.9	9.6

Taluk level Residue-wise Data for Talaja ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	14.4	5.2	54.8	38.4	5.4
Cotton	Bollshell	14.4	5.2	5.7	4.0	0.56
Cotton	Husk	14.4	5.2	5.7	4.0	0.56
Others	Others	0.087	0.49	0.56	0.29	0.040
Total		14.5	5.7	66.9	46.7	6.5

Taluk level Residue-wise Data for Umarala ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	8.1	2.9	30.7	21.5	3.0
Cotton	Bollshell	8.1	2.9	3.2	2.3	0.32
Cotton	Husk	8.1	2.9	3.2	2.3	0.32
Total		8.1	2.9	37.1	26.0	3.6

Taluk level Residue-wise Data for Vallabhipur ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	10.1	3.6	38.5	26.9	3.8
Cotton	Bollshell	10.1	3.6	4.0	2.8	0.39
Cotton	Husk	10.1	3.6	4.0	2.8	0.39
Total		10.1	3.6	46.5	32.6	4.6

Taluk level Residue-wise Data for Dahod ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	1.2	0.55	4.7	3.3	0.46
Cotton	Bollshell	1.2	0.55	0.60	0.42	0.059
Cotton	Husk	1.2	0.55	0.60	0.42	0.059
Others	Others	0.0024	0.16	0.0079	0.0020	0.00028
Total		1.2	0.70	5.9	4.2	0.58

Taluk level Residue-wise Data for Devgadbaria ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.0044	0.28	0.12	0.014	0.0018
Total		0.0044	0.28	0.12	0.014	0.0018

Taluk level Residue-wise Data for Dhanpur ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.00061	0.040	0.0020	0.00050	6.95E-05
Total		0.00061	0.040	0.0020	0.00050	6.95E-05

Taluk level Residue-wise Data for Fatepura ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	4.00E-06	0.00026	1.30E-05	3.25E-06	4.55E-07
Total		4.00E-06	0.00026	1.30E-05	3.25E-06	4.55E-07

Taluk level Residue-wise Data for Garbada ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.014	0.73	2.2	0.22	0.028
Total		0.014	0.73	2.2	0.22	0.028

Taluk level Residue-wise Data for Ghoghamba ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	1.6	0.71	6.1	4.3	0.60
Cotton	Bollshell	1.6	0.71	0.78	0.54	0.076
Cotton	Husk	1.6	0.71	0.78	0.54	0.076
Others	Others	3.30E-05	0.0020	0.0022	0.00023	2.95E-05
Total		1.6	0.71	7.7	5.4	0.75

Taluk level Residue-wise Data for Jhalod ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.087	5.7	0.29	0.071	0.0100
Total		0.087	5.7	0.29	0.071	0.0100

Taluk level Residue-wise Data for Limkheda ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	5.70E-05	0.0037	0.00019	4.63E-05	6.48E-06
Total		5.70E-05	0.0037	0.00019	4.63E-05	6.48E-06

Taluk level Residue-wise Data for Dehgam ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	9.2	25.4	34.8	24.3	3.4
Cotton	Bollshell	9.2	25.4	28.0	19.6	2.7
Cotton	Husk	9.2	25.4	28.0	19.6	2.7
Coconut	FronDs	0.90	1.3	3.6	1.8	0.25
Others	Others	0.00086	0.0029	0.95	0.55	0.074
Total		10.1	26.7	95.4	65.9	9.2

Taluk level Residue-wise Data for Gandhinagar ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	21.5	59.7	81.7	57.2	8.0
Cotton	Bollshell	21.5	59.7	65.8	46.1	6.4
Cotton	Husk	21.5	59.7	65.8	46.1	6.4
Coconut	FronDs	0.21	0.29	0.83	0.41	0.058
Others	Others	0.0016	0.0053	0.23	0.13	0.017
Total		21.7	60.0	214.3	149.8	21.0

Taluk level Residue-wise Data for Kalol ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	16.4	45.5	62.2	43.5	6.1
Cotton	Bollshell	16.4	45.5	50.1	35.1	4.9
Cotton	Husk	16.4	45.5	50.1	35.1	4.9
Coconut	FronDs	0.47	0.66	1.9	0.95	0.13
Others	Others	0.34	6.3	0.83	0.37	0.050
Total		17.2	52.4	165.0	114.9	16.1

Taluk level Residue-wise Data for Mansa ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	9.4	26.0	35.6	24.9	3.5
Cotton	Bollshell	9.4	26.0	28.7	20.1	2.8
Cotton	Husk	9.4	26.0	28.7	20.1	2.8
Others	Others	0.11	0.97	0.41	0.17	0.023
Total		9.5	27.0	93.4	65.2	9.1

Taluk level Residue-wise Data for Bhanvad ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	6.4	4.7	24.3	17.0	2.4
Cotton	Bollshell	6.4	4.7	5.2	3.6	0.51
Cotton	Husk	6.4	4.7	5.2	3.6	0.51
Total		6.4	4.7	34.7	24.3	3.4

Taluk level Residue-wise Data for Dhrol ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	2.3	1.7	8.6	6.0	0.84
Cotton	Bollshell	2.3	1.7	1.8	1.3	0.18
Cotton	Husk	2.3	1.7	1.8	1.3	0.18
Coconut	FronDs	0.48	1.6	1.9	0.96	0.13
Coconut	Husk & Pith	0.48	1.6	0.84	0.42	0.054
Others	Others	0	0	0.35	0.28	0.039
Total		2.7	3.2	15.4	10.2	1.4

Taluk level Residue-wise Data for Jamjodhpur ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	4.4	3.3	16.7	11.7	1.6
Cotton	Bollshell	4.4	3.3	3.6	2.5	0.35
Cotton	Husk	4.4	3.3	3.6	2.5	0.35
Total		4.4	3.3	23.8	16.7	2.3

Taluk level Residue-wise Data for Jamnagar ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	6.2	4.6	23.6	16.5	2.3
Cotton	Bollshell	6.2	4.6	5.0	3.5	0.49
Cotton	Husk	6.2	4.6	5.0	3.5	0.49
Total		6.2	4.6	33.7	23.6	3.3

Taluk level Residue-wise Data for Jodiya ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	3.9	2.9	14.7	10.3	1.4
Cotton	Bollshell	3.9	2.9	3.1	2.2	0.31
Cotton	Husk	3.9	2.9	3.1	2.2	0.31
Others	Others	0.014	0.96	0.048	0.012	0.0017
Total		3.9	3.8	21.0	14.7	2.1

Taluk level Residue-wise Data for Kalavad ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	20.9	15.5	79.5	55.7	7.8
Cotton	Bollshell	20.9	15.5	17.0	11.9	1.7
Cotton	Husk	20.9	15.5	17.0	11.9	1.7
Others	Others	0.070	0.23	0.45	0.24	0.033
Total		21.0	15.7	114.0	79.7	11.2

Taluk level Residue-wise Data for Kalyanpur ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	1.3	0.97	5.0	3.5	0.49
Cotton	Bollshell	1.3	0.97	1.1	0.74	0.10
Cotton	Husk	1.3	0.97	1.1	0.74	0.10
Others	Others	0.28	18.6	0.93	0.23	0.033
Total		1.6	19.6	8.0	5.2	0.73

Taluk level Residue-wise Data for Khambhaliya ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	1.1	0.79	4.1	2.9	0.40
Cotton	Bollshell	1.1	0.79	0.87	0.61	0.086
Cotton	Husk	1.1	0.79	0.87	0.61	0.086
Others	Others	0.0095	0.64	0.032	0.0079	0.0011
Total		1.1	1.4	5.9	4.1	0.57

Taluk level Residue-wise Data for Lalpur ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	1.3	0.96	4.9	3.4	0.48
Cotton	Bollshell	1.3	0.96	1.1	0.74	0.10
Cotton	Husk	1.3	0.96	1.1	0.74	0.10
Total		1.3	0.96	7.0	4.9	0.69

Taluk level Residue-wise Data for Okhamandal ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	0.21	0.15	0.79	0.55	0.078
Others	Others	0	0	0.34	0.24	0.033
Total		0.21	0.15	1.1	0.79	0.11

Taluk level Residue-wise Data for Junagadh ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	17.8	17.6	67.6	47.3	6.6
Cotton	Bollshell	17.8	17.6	19.4	13.5	1.9
Cotton	Husk	17.8	17.6	19.4	13.5	1.9
Total		17.8	17.6	106.3	74.4	10.4

Taluk level Residue-wise Data for Keshod ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	1.2	1.2	4.6	3.2	0.45
Coconut	Fronds	0.72	2.5	2.9	1.4	0.20
Cotton	Bollshell	1.2	1.2	1.3	0.92	0.13
Cotton	Husk	1.2	1.2	1.3	0.92	0.13
Banana	Residue	0.060	2.6	7.9	0.79	0.10
Coconut	Husk & Pith	0.72	2.5	1.3	0.65	0.085
Coconut	Shell	0.72	2.5	0.54	0.43	0.061
Total		2.0	6.3	19.8	8.4	1.2

Taluk level Residue-wise Data for Kodinar ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Coconut	Fronds	2.5	8.6	10.1	5.1	0.71
Coconut	Husk & Pith	2.5	8.6	4.6	2.3	0.30
Coconut	Shell	2.5	8.6	1.9	1.5	0.21
Total		2.5	8.6	16.5	8.8	1.2

Taluk level Residue-wise Data for Maliya ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sugarcane	Tops & Leaves	1.3	90.5	4.5	1.1	0.16
Total		1.3	90.5	4.5	1.1	0.16

Taluk level Residue-wise Data for Manavadar ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	0.37	16.2	48.5	4.9	0.63
Sugarcane	Tops & Leaves	2.9	206.9	10.3	2.6	0.36
Total		3.3	223.1	58.9	7.4	0.99

Taluk level Residue-wise Data for Sutrapada ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Coconut	Fronds	0.18	0.61	0.72	0.36	0.050
Others	Others	0	0	0.46	0.27	0.036
Total		0.18	0.61	1.2	0.63	0.086

Taluk level Residue-wise Data for Una ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sugarcane	Tops & Leaves	3.1	222.3	11.1	2.8	0.39
Total		3.1	222.3	11.1	2.8	0.39

Taluk level Residue-wise Data for Visavadar ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.40	28.5	1.4	0.36	0.050
Total		0.40	28.5	1.4	0.36	0.050

Taluk level Residue-wise Data for Abadasa ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	0.99	0.41	3.7	2.6	0.37
Others	Others	0.081	0.27	1.4	0.92	0.13
Total		1.1	0.68	5.2	3.5	0.50

Taluk level Residue-wise Data for Anjar ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	8.2	3.4	31.0	21.7	3.0
Cotton	Bollshell	8.2	3.4	3.8	2.6	0.37
Cotton	Husk	8.2	3.4	3.8	2.6	0.37
Total		8.2	3.4	38.6	27.0	3.8

Taluk level Residue-wise Data for Bhachau ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	3.9	1.6	14.8	10.4	1.5
Banana	Residue	0.39	28.9	86.8	8.7	1.1
Cotton	Bollshell	3.9	1.6	1.8	1.3	0.18
Cotton	Husk	3.9	1.6	1.8	1.3	0.18
Total		4.3	30.6	105.2	21.6	2.9

Taluk level Residue-wise Data for Bhuj ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	13.4	5.6	50.9	35.6	5.0
Cotton	Bollshell	13.4	5.6	6.2	4.3	0.61
Cotton	Husk	13.4	5.6	6.2	4.3	0.61
Coconut	Fronds	0.41	1.3	1.6	0.81	0.11
Others	Others	0.0036	0.22	1.0	0.59	0.079
Total		13.8	7.2	65.9	45.7	6.4

Taluk level Residue-wise Data for Lakhpat ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.010	0.039	0.046	0.032	0.0044
Total		0.010	0.039	0.046	0.032	0.0044

Taluk level Residue-wise Data for Mandvi ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	8.4	3.5	31.8	22.2	3.1
Cotton	Bollshell	8.4	3.5	3.9	2.7	0.38
Cotton	Husk	8.4	3.5	3.9	2.7	0.38
Others	Others	0.0043	0.26	0.013	0.0032	0.00045
Total		8.4	3.8	39.5	27.6	3.9

Taluk level Residue-wise Data for Mundra ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	0.40	0.17	1.5	1.1	0.15
Others	Others	0	0	0.37	0.26	0.036
Total		0.40	0.17	1.9	1.3	0.19

Taluk level Residue-wise Data for Nakhtrana ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	8.7	3.7	33.2	23.3	3.3
Coconut	FronDs	2.0	6.6	8.1	4.0	0.57
Cotton	Bollshell	8.7	3.7	4.0	2.8	0.40
Cotton	Husk	8.7	3.7	4.0	2.8	0.40
Coconut	Husk & Pith	2.0	6.6	3.5	1.8	0.23
Coconut	Shell	2.0	6.6	1.5	1.2	0.16
Total		10.8	10.3	54.3	35.9	5.0

Taluk level Residue-wise Data for Rann-Of-Kachchh ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	2.1	0.89	8.0	5.6	0.79
Cotton	Bollshell	2.1	0.89	0.98	0.68	0.096
Cotton	Husk	2.1	0.89	0.98	0.68	0.096
Others	Others	0.014	1.0	3.0	0.30	0.040
Total		2.1	1.9	13.0	7.3	1.0

Taluk level Residue-wise Data for Rapar ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	2.7	1.2	10.4	7.3	1.0
Cotton	Bollshell	2.7	1.2	1.3	0.89	0.12
Cotton	Husk	2.7	1.2	1.3	0.89	0.12
Others	Others	0.19	11.7	0.58	0.15	0.020
Total		2.9	12.8	13.6	9.2	1.3

Taluk level Residue-wise Data for Balasinor ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	0.20	12.4	37.1	3.7	0.48
Others	Others	0.00045	0.0015	0.0029	0.0015	0.00021
Total		0.20	12.4	37.1	3.7	0.48

Taluk level Residue-wise Data for Kapadvanj ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	0.44	27.3	81.8	8.2	1.1
Others	Others	0.083	0.28	0.54	0.29	0.040
Total		0.52	27.5	82.3	8.5	1.1

Taluk level Residue-wise Data for Kathlal ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	0.47	29.4	88.3	8.8	1.1
Others	Others	0.33	6.1	0.78	0.13	0.018
Total		0.81	35.5	89.1	9.0	1.2

Taluk level Residue-wise Data for Mahudha ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	0.32	20.1	60.3	6.0	0.78
Others	Others	7.80E-05	0.00026	0.00051	0.00027	3.72E-05
Total		0.32	20.1	60.3	6.0	0.78

Taluk level Residue-wise Data for Matar ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	1.1	70.7	212.0	21.2	2.8
Others	Others	0.13	10.2	0.51	0.13	0.018
Total		1.3	80.8	212.5	21.3	2.8

Taluk level Residue-wise Data for Nadiad ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.0026	0.0086	0.017	0.0090	0.0012
Total		0.0026	0.0086	0.017	0.0090	0.0012

Taluk level Residue-wise Data for Thasara ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	0.49	30.6	91.7	9.2	1.2
Tobacco	Stalks	40.0	73.7	73.6	7.4	0.96
Others	Others	0.0094	0.031	0.061	0.033	0.0045
Total		40.5	104.3	165.4	16.6	2.2

Taluk level Residue-wise Data for Virpur ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	0.23	14.2	42.7	4.3	0.56
Others	Others	0.63	14.8	1.8	0.60	0.083
Total		0.86	29.1	44.5	4.9	0.64

Taluk level Residue-wise Data for Becharaji ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	2.90E-05	8.70E-05	0.00018	9.64E-05	1.33E-05
Total		2.90E-05	8.70E-05	0.00018	9.64E-05	1.33E-05

Taluk level Residue-wise Data for Kadi ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	11.4	16.3	43.3	30.3	4.2
Cotton	Bollshell	11.4	16.3	17.9	12.5	1.8
Cotton	Husk	11.4	16.3	17.9	12.5	1.8
Others	Others	0.082	0.25	0.51	0.27	0.038
Total		11.5	16.5	79.6	55.6	7.8

Taluk level Residue-wise Data for Kheralu ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	7.00E-05	0.00021	0.00044	0.00023	3.20E-05
Total		7.00E-05	0.00021	0.00044	0.00023	3.20E-05

Taluk level Residue-wise Data for Mahesana ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	8.7	12.4	33.0	23.1	3.2
Cotton	Bollshell	8.7	12.4	13.6	9.6	1.3
Cotton	Husk	8.7	12.4	13.6	9.6	1.3
Others	Others	5.80E-05	0.00017	0.00036	0.00019	2.65E-05
Total		8.7	12.4	60.3	42.2	5.9

Taluk level Residue-wise Data for Satlasana ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	5.10E-05	0.00015	0.00032	0.00017	2.33E-05
Total		5.10E-05	0.00015	0.00032	0.00017	2.33E-05

Taluk level Residue-wise Data for Vadnagar ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.00026	0.00077	0.0016	0.00085	0.00012
Total		0.00026	0.00077	0.0016	0.00085	0.00012

Taluk level Residue-wise Data for Vijapur ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.0014	0.0042	0.0088	0.0047	0.00064
Total		0.0014	0.0042	0.0088	0.0047	0.00064

Taluk level Residue-wise Data for Visnagar ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	2.80E-05	8.40E-05	0.00018	9.30E-05	1.28E-05
Total		2.80E-05	8.40E-05	0.00018	9.30E-05	1.28E-05

Taluk level Residue-wise Data for Jalalpur ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	0.11	6.1	18.2	1.8	0.24
Total		0.11	6.1	18.2	1.8	0.24

Taluk level Residue-wise Data for Vansda ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sugarcane	Tops & Leaves	17.8	1076.7	53.8	13.5	1.9
Coconut	FronDs	1.4	4.7	5.7	2.8	0.40
Coconut	Husk & Pith	1.4	4.7	2.5	1.2	0.16
Coconut	Shell	1.4	4.7	1.0	0.82	0.12
Others	Others	0.016	0.84	2.5	0.25	0.033
Total		19.3	1082.2	65.5	18.6	2.6

Taluk level Residue-wise Data for Godhara ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.0017	0.092	0.0063	0.0021	0.00029
Total		0.0017	0.092	0.0063	0.0021	0.00029

Taluk level Residue-wise Data for Halol ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.00031	0.012	0.010	0.0014	0.00018
Total		0.00031	0.012	0.010	0.0014	0.00018

Taluk level Residue-wise Data for Jambughoda ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.0033	0.16	0.35	0.037	0.0048
Total		0.0033	0.16	0.35	0.037	0.0048

Taluk level Residue-wise Data for Kadana ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.096	6.3	0.31	0.078	0.011
Total		0.096	6.3	0.31	0.078	0.011

Taluk level Residue-wise Data for Kalol(Panchmahals) ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.00093	0.048	0.15	0.015	0.0019
Total		0.00093	0.048	0.15	0.015	0.0019

Taluk level Residue-wise Data for Khanpur ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	5.40E-05	0.0025	0.0074	0.00076	9.95E-05
Total		5.40E-05	0.0025	0.0074	0.00076	9.95E-05

Taluk level Residue-wise Data for Lunawada ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	3.3	1.5	12.6	8.8	1.2
Cotton	Bollshell	3.3	1.5	1.6	1.1	0.16
Cotton	Husk	3.3	1.5	1.6	1.1	0.16
Others	Others	0.0023	0.14	0.011	0.0023	0.00031
Total		3.3	1.6	15.8	11.1	1.6

Taluk level Residue-wise Data for Morva ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.0042	0.0085	0.023	0.012	0.0017
Total		0.0042	0.0085	0.023	0.012	0.0017

Taluk level Residue-wise Data for Santrampur ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.0041	0.26	0.013	0.0033	0.00046
Total		0.0041	0.26	0.013	0.0033	0.00046

Taluk level Residue-wise Data for Shahera ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.022	1.2	3.1	0.31	0.040
Total		0.022	1.2	3.1	0.31	0.040

Taluk level Residue-wise Data for Kutiyana ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Coconut	FronDs	0.29	0.99	1.2	0.58	0.081
Sugarcane	Tops & Leaves	0.60	42.9	2.1	0.54	0.075
Others	Others	5.00E-05	0.0022	0.75	0.44	0.058
Total		0.89	43.9	4.1	1.6	0.21

Taluk level Residue-wise Data for Porbandar ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	4.1	4.1	15.7	11.0	1.5
Cotton	Bollshell	4.1	4.1	4.5	3.1	0.44
Cotton	Husk	4.1	4.1	4.5	3.1	0.44
Coconut	FronDs	0.59	2.0	2.4	1.2	0.17
Banana	Residue	0.096	4.2	12.5	1.2	0.16
Others	Others	0.32	23.1	1.6	0.64	0.090
Coconut	Husk & Pith	0.59	2.0	1.1	0.53	0.069
Total		5.1	33.4	42.2	20.9	2.9

Taluk level Residue-wise Data for Ranavav ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	0.76	0.76	2.9	2.0	0.28
Sugarcane	Tops & Leaves	1.1	76.2	3.8	0.95	0.13
Cotton	Bollshell	0.76	0.76	0.83	0.58	0.082
Cotton	Husk	0.76	0.76	0.83	0.58	0.082
Others	Others	0.0043	0.19	0.56	0.056	0.0073
Total		1.8	77.1	8.9	4.2	0.59

Taluk level Residue-wise Data for Dhoraji ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	13.7	8.6	51.9	36.3	5.1
Cotton	Bollshell	13.7	8.6	9.5	6.6	0.93
Cotton	Husk	13.7	8.6	9.5	6.6	0.93
Total		13.7	8.6	70.8	49.6	6.9

Taluk level Residue-wise Data for Gondal ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	18.7	11.8	71.2	49.8	7.0
Cotton	Bollshell	18.7	11.8	13.0	9.1	1.3
Cotton	Husk	18.7	11.8	13.0	9.1	1.3
Total		18.7	11.8	97.1	68.0	9.5

Taluk level Residue-wise Data for Jamkandorna ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	5.7	3.6	21.8	15.3	2.1
Cotton	Bollshell	5.7	3.6	4.0	2.8	0.39
Cotton	Husk	5.7	3.6	4.0	2.8	0.39
Others	Others	0.015	0.049	0.097	0.051	0.0071
Total		5.8	3.7	29.9	20.9	2.9

Taluk level Residue-wise Data for Jasdan ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	16.8	10.6	63.7	44.6	6.2
Cotton	Bollshell	16.8	10.6	11.6	8.1	1.1
Cotton	Husk	16.8	10.6	11.6	8.1	1.1
Others	Others	0.018	0.060	0.12	0.063	0.0087
Total		16.8	10.6	87.1	61.0	8.5

Taluk level Residue-wise Data for Jetpur ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	10.0	6.3	37.9	26.5	3.7
Cotton	Bollshell	10.0	6.3	6.9	4.8	0.68
Cotton	Husk	10.0	6.3	6.9	4.8	0.68
Total		10.0	6.3	51.7	36.2	5.1

Taluk level Residue-wise Data for Kottasangani ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	6.3	4.0	23.9	16.7	2.3
Cotton	Bollshell	6.3	4.0	4.4	3.0	0.43
Cotton	Husk	6.3	4.0	4.4	3.0	0.43
Others	Others	0.0042	0.014	0.027	0.015	0.0020
Total		6.3	4.0	32.6	22.8	3.2

Taluk level Residue-wise Data for Lodhika ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	10.4	6.6	39.6	27.7	3.9
Cotton	Bollshell	10.4	6.6	7.2	5.1	0.71
Cotton	Husk	10.4	6.6	7.2	5.1	0.71
Total		10.4	6.6	54.0	37.8	5.3

Taluk level Residue-wise Data for Maliya ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	0.63	0.39	2.4	1.7	0.23
Others	Others	0	0	0.87	0.61	0.085
Total		0.63	0.39	3.2	2.3	0.32

Taluk level Residue-wise Data for Morvi ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	23.6	14.9	89.7	62.8	8.8
Cotton	Bollshell	23.6	14.9	16.4	11.4	1.6
Cotton	Husk	23.6	14.9	16.4	11.4	1.6
Others	Others	0.40	27.2	1.4	0.34	0.048
Total		24.0	42.1	123.7	86.0	12.0

Taluk level Residue-wise Data for Paddhari ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	15.3	9.7	58.3	40.8	5.7
Cotton	Bollshell	15.3	9.7	10.6	7.4	1.0
Cotton	Husk	15.3	9.7	10.6	7.4	1.0
Total		15.3	9.7	79.5	55.7	7.8

Taluk level Residue-wise Data for Rajkot ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	14.8	9.3	56.2	39.4	5.5
Cotton	Bollshell	14.8	9.3	10.3	7.2	1.0
Cotton	Husk	14.8	9.3	10.3	7.2	1.0
Others	Others	0.0012	0.0040	0.0080	0.0043	0.00058
Total		14.8	9.3	76.8	53.7	7.5

Taluk level Residue-wise Data for Tankara ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	6.0	3.8	22.9	16.0	2.2
Cotton	Bollshell	6.0	3.8	4.2	2.9	0.41
Cotton	Husk	6.0	3.8	4.2	2.9	0.41
Total		6.0	3.8	31.2	21.8	3.1

Taluk level Residue-wise Data for Upleta ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	3.5	2.2	13.4	9.4	1.3
Cotton	Bollshell	3.5	2.2	2.4	1.7	0.24
Cotton	Husk	3.5	2.2	2.4	1.7	0.24
Total		3.5	2.2	18.2	12.8	1.8

Taluk level Residue-wise Data for Vankaner ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	7.8	4.9	29.7	20.8	2.9
Cotton	Bollshell	7.8	4.9	5.4	3.8	0.53
Cotton	Husk	7.8	4.9	5.4	3.8	0.53
Others	Others	0.0017	0.0056	0.011	0.0059	0.00080
Total		7.8	4.9	40.5	28.4	4.0

Taluk level Residue-wise Data for Bayad ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.0017	0.0057	0.011	0.0059	0.00082
Total		0.0017	0.0057	0.011	0.0059	0.00082

Taluk level Residue-wise Data for Himatnagar ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	0.10	3.6	10.9	1.1	0.14
Total		0.10	3.6	10.9	1.1	0.14

Taluk level Residue-wise Data for Khedbrahma ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sugarcane	Tops & Leaves	0.60	38.1	1.9	0.48	0.067
Total		0.60	38.1	1.9	0.48	0.067

Taluk level Residue-wise Data for Modasa ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	21.6	9.9	81.9	57.4	8.0
Cotton	Bollshell	21.6	9.9	10.9	7.6	1.1
Cotton	Husk	21.6	9.9	10.9	7.6	1.1
Total		21.6	9.9	103.8	72.6	10.2

Taluk level Residue-wise Data for Prantij ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.010	0.034	0.067	0.036	0.0049
Total		0.010	0.034	0.067	0.036	0.0049

Taluk level Residue-wise Data for Talod ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.018	0.060	0.12	0.063	0.0087
Total		0.018	0.060	0.12	0.063	0.0087

Taluk level Residue-wise Data for Vijaynagar ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	14.1	6.5	53.6	37.6	5.3
Cotton	Bollshell	14.1	6.5	7.1	5.0	0.70
Cotton	Husk	14.1	6.5	7.1	5.0	0.70
Total		14.1	6.5	67.9	47.6	6.7

Taluk level Residue-wise Data for Choryasi ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	0.36	23.0	68.9	6.9	0.90
Cotton	Stalks	0.80	0.38	3.0	2.1	0.30
Sugarcane	Tops & Leaves	1.7	128.0	6.4	1.6	0.22
Others	Others	0	0	0.84	0.59	0.083
Total		2.9	151.4	79.2	11.2	1.5

Taluk level Residue-wise Data for Kamrej ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sugarcane	Tops & Leaves	21.7	1596.5	79.8	20.0	2.8
Total		21.7	1596.5	79.8	20.0	2.8

Taluk level Residue-wise Data for Mandvi ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sugarcane	Tops & Leaves	6.4	469.3	23.5	5.9	0.82
Total		6.4	469.3	23.5	5.9	0.82

Taluk level Residue-wise Data for Mangrol ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Coconut	FronDs	0.61	2.0	2.5	1.2	0.17
Sugarcane	Tops & Leaves	0.65	47.8	2.4	0.60	0.084
Coconut	Husk & Pith	0.61	2.0	1.1	0.53	0.069
Others	Others	0	0	0.61	0.47	0.066
Cotton	Stalks	0.16	0.077	0.61	0.43	0.060
Total		1.4	49.9	7.1	3.3	0.45

Taluk level Residue-wise Data for Sonagadh ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sugarcane	Tops & Leaves	43.6	3202.7	160.1	40.0	5.6
Banana	Residue	0.99	63.8	191.3	19.1	2.5
Cotton	Stalks	1.1	0.54	4.3	3.0	0.42
Cotton	Bollshell	1.1	0.54	0.60	0.42	0.058
Cotton	Husk	1.1	0.54	0.60	0.42	0.058
Total		45.7	3267.0	356.9	63.0	8.6

Taluk level Residue-wise Data for Surat City ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sugarcane	Tops & Leaves	1.7	123.1	6.2	1.5	0.22
Total		1.7	123.1	6.2	1.5	0.22

Taluk level Residue-wise Data for Uchchhal ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sugarcane	Tops & Leaves	37.9	2785.8	139.3	34.8	4.9
Total		37.9	2785.8	139.3	34.8	4.9

Taluk level Residue-wise Data for Vyara ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	0.76	49.3	147.8	14.8	1.9
Cotton	Stalks	0.67	0.32	2.5	1.8	0.25
Others	Others	0	0	1.2	0.76	0.10
Coconut	FronDs	0.18	0.60	0.73	0.37	0.051
Total		1.6	50.2	152.2	17.7	2.3

Taluk level Residue-wise Data for Chotila ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	9.2	2.9	34.8	24.4	3.4
Cotton	Bollshell	9.2	2.9	3.2	2.3	0.32
Cotton	Husk	9.2	2.9	3.2	2.3	0.32
Others	Others	0.0027	0.19	0.0094	0.0023	0.00033
Total		9.2	3.1	41.3	28.9	4.0

Taluk level Residue-wise Data for Chuda ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	21.4	6.8	81.2	56.9	8.0
Cotton	Bollshell	21.4	6.8	7.5	5.3	0.74
Cotton	Husk	21.4	6.8	7.5	5.3	0.74
Total		21.4	6.8	96.3	67.4	9.4

Taluk level Residue-wise Data for Dasada ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	6.7	2.1	25.4	17.8	2.5
Cotton	Bollshell	6.7	2.1	2.3	1.6	0.23
Cotton	Husk	6.7	2.1	2.3	1.6	0.23
Total		6.7	2.1	30.1	21.0	2.9

Taluk level Residue-wise Data for Dhrangadhra ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	39.4	12.6	149.8	104.8	14.7
Cotton	Bollshell	39.4	12.6	13.9	9.7	1.4
Cotton	Husk	39.4	12.6	13.9	9.7	1.4
Total		39.4	12.6	177.5	124.3	17.4

Taluk level Residue-wise Data for Halvad ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	53.0	17.0	201.5	141.1	19.7
Cotton	Bollshell	53.0	17.0	18.7	13.1	1.8
Cotton	Husk	53.0	17.0	18.7	13.1	1.8
Total		53.0	17.0	238.8	167.2	23.4

Taluk level Residue-wise Data for Lakhtar ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	1.8	0.57	6.7	4.7	0.66
Cotton	Bollshell	1.8	0.57	0.62	0.44	0.061
Cotton	Husk	1.8	0.57	0.62	0.44	0.061
Total		1.8	0.57	8.0	5.6	0.78

Taluk level Residue-wise Data for Limbdi ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	31.3	10.0	119.0	83.3	11.7
Cotton	Bollshell	31.3	10.0	11.0	7.7	1.1
Cotton	Husk	31.3	10.0	11.0	7.7	1.1
Total		31.3	10.0	141.0	98.7	13.8

Taluk level Residue-wise Data for Muli ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	27.9	8.9	105.9	74.1	10.4
Cotton	Bollshell	27.9	8.9	9.8	6.9	0.96
Cotton	Husk	27.9	8.9	9.8	6.9	0.96
Total		27.9	8.9	125.5	87.9	12.3

Taluk level Residue-wise Data for Sayla ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	19.1	6.1	72.4	50.7	7.1
Cotton	Bollshell	19.1	6.1	6.7	4.7	0.66
Cotton	Husk	19.1	6.1	6.7	4.7	0.66
Total		19.1	6.1	85.9	60.1	8.4

Taluk level Residue-wise Data for Vadhvan ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	13.0	4.2	49.3	34.5	4.8
Cotton	Bollshell	13.0	4.2	4.6	3.2	0.45
Cotton	Husk	13.0	4.2	4.6	3.2	0.45
Total		13.0	4.2	58.4	40.9	5.7

Taluk level Residue-wise Data for Dangs ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.020	1.0	0.050	0.013	0.0018
Total		0.020	1.0	0.050	0.013	0.0018

Taluk level Residue-wise Data for Chhota-Udepur ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	27.0	9.4	102.4	71.7	10.0
Banana	Residue	0.86	63.4	190.1	19.0	2.5
Cotton	Bollshell	27.0	9.4	10.4	7.3	1.0
Cotton	Husk	27.0	9.4	10.4	7.3	1.0
Coconut	Fronds	0.19	0.64	0.78	0.39	0.054
Others	Others	0	0	0.48	0.28	0.038
Total		28.0	73.4	314.5	105.9	14.6

Taluk level Residue-wise Data for Dabhoi ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	0.66	48.7	146.1	14.6	1.9
Cotton	Stalks	1.4	0.49	5.3	3.7	0.52
Sugarcane	Tops & Leaves	0.79	53.7	2.7	0.67	0.094
Cotton	Bollshell	1.4	0.49	0.54	0.38	0.053
Cotton	Husk	1.4	0.49	0.54	0.38	0.053
Total		2.8	102.8	155.2	19.8	2.6

Taluk level Residue-wise Data for Jetpur-Pavi ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	16.8	5.9	63.7	44.6	6.2
Banana	Residue	0.72	53.0	159.0	15.9	2.1
Cotton	Bollshell	16.8	5.9	6.5	4.5	0.63
Cotton	Husk	16.8	5.9	6.5	4.5	0.63
Others	Others	0.39	26.2	1.3	0.33	0.046
Total		17.9	85.1	236.9	69.9	9.6

Taluk level Residue-wise Data for Karjan ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	50.0	17.5	190.0	133.0	18.6
Cotton	Bollshell	50.0	17.5	19.2	13.5	1.9
Cotton	Husk	50.0	17.5	19.2	13.5	1.9
Others	Others	0.00061	0.045	0.13	0.013	0.0018
Total		50.0	17.5	228.6	159.9	22.4

Taluk level Residue-wise Data for Kawant ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	9.2	3.2	35.1	24.6	3.4
Cotton	Bollshell	9.2	3.2	3.6	2.5	0.35
Cotton	Husk	9.2	3.2	3.6	2.5	0.35
Sugarcane	Tops & Leaves	0.75	51.3	2.6	0.64	0.090
Total		10.0	54.6	44.8	30.2	4.2

Taluk level Residue-wise Data for Naswadi ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	3.5	1.2	13.3	9.3	1.3
Cotton	Bollshell	3.5	1.2	1.3	0.94	0.13
Cotton	Husk	3.5	1.2	1.3	0.94	0.13
Others	Others	0.078	0.26	0.50	0.27	0.037
Total		3.6	1.5	16.5	11.4	1.6

Taluk level Residue-wise Data for Padra ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	29.9	10.5	113.7	79.6	11.1
Cotton	Bollshell	29.9	10.5	11.5	8.1	1.1
Cotton	Husk	29.9	10.5	11.5	8.1	1.1
Others	Others	5.80E-05	0.0043	0.013	0.0013	0.00017
Total		29.9	10.5	136.8	95.8	13.4

Taluk level Residue-wise Data for Sankheda ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	11.5	4.0	43.6	30.5	4.3
Banana	Residue	0.32	23.4	70.2	7.0	0.91
Cotton	Bollshell	11.5	4.0	4.4	3.1	0.43
Cotton	Husk	11.5	4.0	4.4	3.1	0.43
Others	Others	0.22	14.7	0.73	0.18	0.026
Total		12.0	42.1	123.4	43.9	6.1

Taluk level Residue-wise Data for Savli ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	20.3	7.1	77.0	53.9	7.5
Banana	Residue	0.89	66.2	198.5	19.9	2.6
Cotton	Bollshell	20.3	7.1	7.8	5.5	0.76
Cotton	Husk	20.3	7.1	7.8	5.5	0.76
Others	Others	0.14	9.4	0.47	0.12	0.016
Total		21.3	82.7	291.6	84.8	11.7

Taluk level Residue-wise Data for Shinor ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	1.7	0.61	6.6	4.6	0.65
Cotton	Bollshell	1.7	0.61	0.67	0.47	0.066
Cotton	Husk	1.7	0.61	0.67	0.47	0.066
Others	Others	8.30E-05	0.0061	0.018	0.0018	0.00024
Total		1.7	0.61	8.0	5.6	0.78

Taluk level Residue-wise Data for Vadodara ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	2.3	0.81	8.8	6.1	0.86
Banana	Residue	0.24	18.1	54.2	5.4	0.70
Cotton	Bollshell	2.3	0.81	0.89	0.62	0.087
Cotton	Husk	2.3	0.81	0.89	0.62	0.087
Others	Others	0.21	14.4	0.72	0.18	0.025
Total		2.8	33.3	65.5	13.0	1.8

Taluk level Residue-wise Data for Vaghodiya ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	1.2	87.8	263.3	26.3	3.4
Cotton	Stalks	5.2	1.8	19.9	13.9	1.9
Cotton	Bollshell	5.2	1.8	2.0	1.4	0.20
Cotton	Husk	5.2	1.8	2.0	1.4	0.20
Sugarcane	Tops & Leaves	0.63	43.1	2.2	0.54	0.075
Total		7.1	132.7	289.4	43.6	5.8

Taluk level Residue-wise Data for Dharampur ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sugarcane	Tops & Leaves	13.3	806.2	40.3	10.1	1.4
Banana	Residue	0.16	8.8	26.5	2.7	0.34
Coconut	FronDs	0.84	2.8	3.4	1.7	0.24
Coconut	Husk & Pith	0.84	2.8	1.5	0.73	0.095
Coconut	Shell	0.84	2.8	0.61	0.49	0.068
Total		14.4	817.8	72.3	15.6	2.2

Taluk level Residue-wise Data for Kaprada ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sugarcane	Tops & Leaves	8.5	516.0	25.8	6.4	0.90
Coconut	FronDs	0.55	1.8	2.2	1.1	0.15
Others	Others	0.011	0.57	2.1	0.49	0.067
Coconut	Husk & Pith	0.55	1.8	0.95	0.48	0.062
Total		9.1	518.4	31.1	8.5	1.2

Taluk level Residue-wise Data for Pardi ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Coconut	FronDs	0.34	1.1	1.4	0.68	0.095
Others	Others	0.17	10.1	1.3	0.62	0.083
Total		0.51	11.2	2.7	1.3	0.18

Taluk level Residue-wise Data for Umargaon ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sugarcane	Tops & Leaves	1.9	112.3	5.6	1.4	0.20
Others	Others	0.0012	0.0039	0.0076	0.0040	0.00056
Total		1.9	112.3	5.6	1.4	0.20

Taluk level Residue-wise Data for Valsad ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.32	19.2	1.5	0.54	0.073
Coconut	FronDs	0.21	0.67	0.82	0.41	0.057
Total		0.52	19.9	2.3	0.95	0.13

Agro

State Level Residue Wise

State level Residue-wise Data for Gujarat; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	1310.4	902.4	4979.6	3485.7	488.0
Cotton	Bollshell	1310.4	902.4	993.2	695.3	97.3
Cotton	Husk	1310.4	902.4	993.2	695.3	97.3
Castorseed	Stalks	242.1	328.8	1317.7	658.8	85.6
Banana	Residue	19.1	1226.8	3680.4	368.0	47.8
Groundnut	Stalks	1728.8	1678.0	3354.7	335.5	43.6
Groundnut	Shell	1728.8	1678.0	503.2	352.2	42.3
Wheat	Pod	692.4	1505.0	451.4	225.7	31.6
Wheat	Stalks	692.4	1505.0	2257.0	225.7	29.3
Bajra	Stalks	882.0	1124.2	2250.8	225.1	29.3
Paddy	Straw	673.3	1367.7	2050.5	205.0	24.6
Maize	Stalks	543.2	940.9	1880.4	188.0	24.4
Bajra	Cobs	882.0	1124.2	371.4	185.7	24.1
Paddy	Husk	673.3	1367.7	273.4	218.7	24.1
Sugarcane	Tops & Leaves	226.2	13685.6	684.3	171.1	23.9
Maize	Cobs	543.2	940.9	282.1	141.0	19.7
Guar	Stalks	257.5	88.2	177.5	124.3	17.4
Bajra	Husk	882.0	1124.2	337.6	84.4	10.1
Cuminseed	Stalks	140.5	51.7	80.0	64.0	9.0
Gram	Stalks	102.3	64.2	70.7	56.6	7.4
Coconut	FronDs	24.0	65.3	96.1	48.1	6.7
Arhar	Stalks	289.5	203.1	506.3	50.6	6.6
Til	Stalks	373.4	179.7	449.6	45.0	5.8
Jowar	Stalks	100.9	128.9	218.6	43.7	5.7
Mustard	Husk	93.2	114.1	34.2	32.5	3.9
Arhar	Husk	289.5	203.1	60.8	30.4	3.6
Mustard	Stalks	93.2	114.1	205.4	20.5	2.7
Coconut	Husk & Pith	24.0	65.3	34.6	17.3	2.2
Tobacco	Stalks	86.3	158.8	158.7	15.9	2.1
Castorseed	Husk	242.1	328.8	32.9	16.5	2.0
Jowar	Cobs	100.9	128.9	64.3	12.9	1.8
Coconut	Shell	24.0	65.3	14.4	11.5	1.6

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jowar	Husk	100.9	128.9	25.7	12.9	1.5
Urad	Stalks	41.1	20.4	22.4	11.2	1.5
Moong	Stalks	163.0	52.8	57.6	5.8	0.75
Urad	Husk	41.1	20.4	4.1	2.0	0.24
Moth	Stalks	18.0	9.9	17.8	1.8	0.23
Moong	Husk	163.0	52.8	7.9	0.79	0.094
Others	Others	0.28	0.28	0.47	0.094	0.012
Total		8007.6	23896.9	29001.0	9085.5	1226.1

State Level District Wise

State level District-wise Data for Gujarat ; Biomass Class : Agro					
District	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Rajkot	759.8	950.4	2611.0	886.3	120.2
Surendranagar	494.5	376.4	1741.3	827.3	114.5
Vadodara	442.6	936.7	2574.0	793.4	108.7
Ahmedabad	391.9	557.7	1347.5	644.0	88.8
Bhavnagar	458.1	459.1	1655.0	648.3	88.8
Bharuch	268.7	1559.5	1734.2	588.4	81.1
Amreli	532.8	964.6	1489.7	581.0	79.4
Gandhinagar	175.3	384.7	1094.4	544.1	74.5
Kachchh	538.3	473.2	1408.4	522.3	69.8
Banaskantha	525.4	441.8	1267.9	432.7	57.5
Junagadh	558.9	1303.9	1711.4	362.5	47.7
Jamnagar	339.5	361.6	887.7	309.6	41.9
Sabarkantha	381.0	441.7	1085.8	301.2	40.7
Surat	303.6	8865.7	1556.0	289.4	37.5
Mahesana	244.4	281.3	744.1	267.8	35.9
Kheda	302.9	776.0	1625.4	226.8	28.7
Panchmahal	266.1	450.3	960.7	165.6	21.6
Patan	223.6	199.7	517.3	159.3	20.7
Dahod	222.5	404.1	846.5	152.9	19.9
Anand	188.2	489.3	956.5	125.1	15.7
Porbander	108.1	256.8	271.7	74.0	9.7

District	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Valsad	96.9	1632.6	376.4	76.4	9.5
Navsari	85.1	1227.6	321.9	65.3	8.0
Narmada	61.2	67.5	151.7	26.6	3.4
Thehangs	38.4	35.0	64.5	15.0	1.9
Total	8007.6	23896.9	29001.0	9085.5	1226.1

State Level Taluk Wise

State level Taluk-wise Data for Gujarat ; Biomass Class : Agro						
District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Amreli	Vadia	46.4	66.3	322.1	225.2	31.5
Kachchh	Bhuj	156.8	149.2	517.5	231.2	30.6
Gandhinagar	Gandhinagar	68.3	151.2	444.8	216.8	29.7
Ahmedabad	Dholka	65.8	76.7	322.3	210.0	29.3
Surendranagar	Halvad	97.0	81.6	390.7	192.8	26.7
Vadodara	Karjan	101.2	57.9	338.2	175.7	24.4
Ahmedabad	Sanand	73.7	108.0	302.1	163.0	22.7
Surendranagar	Dhrangadhra	102.8	82.8	347.9	156.0	21.5
Rajkot	Morvi	157.7	205.2	479.0	156.2	21.1
Bharuch	Jambusar	33.0	361.2	773.2	130.2	17.5
Gandhinagar	Kalol	30.0	71.9	207.6	121.9	17.0
Vadodara	Chhota-Udepur	54.2	117.5	413.5	121.4	16.7
Gandhinagar	Dehgam	43.6	99.9	249.6	109.3	14.7
Jamnagar	Kalavad	76.3	75.3	230.0	106.0	14.6
Surendranagar	Limbdi	47.6	21.6	168.9	102.8	14.3
Surendranagar	Muli	70.0	48.3	214.8	103.2	14.3
Rajkot	Gondal	90.9	108.5	304.5	103.9	14.1
Vadodara	Padra	35.6	18.7	154.5	98.9	13.8
Vadodara	Savli	60.9	125.2	382.1	100.8	13.7
Gandhinagar	Mansa	33.4	61.7	192.5	96.1	13.1
Bhavnagar	Palitana	43.2	25.8	161.5	94.1	13.1
Junagadh	Junagadh	55.9	68.1	213.7	93.0	12.8
Banaskantha	Dantiwada	33.4	19.3	148.1	92.8	12.7
Bharuch	Hansot	48.9	79.3	166.7	89.7	12.4

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sabarkantha	Modasa	47.0	40.6	179.8	88.2	12.2
Mahesana	Mahesana	101.9	120.8	296.8	90.8	12.2
Banaskantha	Vav	72.8	83.9	230.5	90.4	12.0
Ahmedabad	Bavla	61.0	106.7	200.5	84.1	11.6
Bharuch	Vagara	35.7	369.6	138.7	82.5	11.5
Rajkot	Jasdan	64.8	64.3	209.1	83.1	11.3
Bhavnagar	Gadhada	52.4	41.1	170.8	80.6	11.1
Bhavnagar	Shihor	45.4	51.8	206.8	80.0	11.0
Amreli	Jafrabad	44.4	64.6	181.2	79.2	11.0
Bharuch	Bharuch	46.7	143.2	159.1	79.3	11.0
Vadodara	Jetpur-Pavi	36.4	114.4	300.6	80.0	11.0
Rajkot	Rajkot	61.0	79.9	224.4	79.8	10.9
Bharuch	Jhaghadia	28.1	37.5	178.6	77.4	10.7
Mahesana	Kadi	52.6	59.9	165.3	73.9	10.2
Bhavnagar	Talaja	75.5	84.6	237.3	75.4	10.2
Kachchh	Nakhtrana	80.5	73.3	212.6	75.5	10.2
Surendranagar	Chuda	32.2	17.2	122.1	72.5	10.1
Rajkot	Paddhari	48.2	59.6	183.7	73.4	10.1
Ahmedabad	Detroj-Rampur	27.4	47.5	123.5	68.0	9.5
Surendranagar	Vadhvan	55.3	72.0	228.4	69.6	9.4
Bhavnagar	Mahuva	65.7	58.2	180.6	68.9	9.4
Rajkot	Jetpur	63.5	95.7	234.5	68.4	9.3
Surat	Sonagadh	53.7	3279.9	383.7	68.0	9.3
Bharuch	Amod	34.2	90.3	123.6	66.4	9.2
Banaskantha	Bhabhar	37.9	39.2	145.4	69.7	9.0
Kheda	Thasara	134.2	281.2	486.4	71.6	9.0
Surendranagar	Sayla	25.6	15.7	110.5	64.1	8.9
Amreli	Lathi	65.1	183.1	152.4	63.7	8.8
Rajkot	Dhoraji	41.9	41.5	145.5	63.3	8.7
Rajkot	Tankara	63.1	98.7	269.4	62.5	8.2
Banaskantha	Deesa	145.9	142.4	374.9	63.0	8.1
Rajkot	Lodhika	47.8	53.7	161.6	57.1	7.7
Vadodara	Sankheda	36.4	68.6	184.2	55.2	7.6
Bhavnagar	Ghogha	24.1	14.4	88.9	50.9	7.1
Vadodara	Vaghodiya	21.6	157.5	340.0	52.2	7.0
Ahmedabad	Daskroi	25.9	29.2	90.7	50.1	7.0
Kachchh	Mandvi	52.0	41.9	124.3	49.5	6.8

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sabarkantha	Vijaynagar	14.4	6.8	69.0	48.1	6.7
Bharuch	Ankleshwar	20.9	461.6	147.0	47.8	6.6
Amreli	Babra	44.7	51.0	119.6	48.1	6.6
Anand	Khambhat	42.8	177.2	468.5	51.1	6.5
Porbander	Porbandar	62.5	94.0	166.1	49.1	6.5
Jamnagar	Jamnagar	62.8	65.8	158.7	47.7	6.4
Bhavnagar	Bhavnagar	26.5	29.5	114.9	45.5	6.2
Rajkot	Vankaner	34.7	33.7	103.4	41.9	5.7
Banaskantha	Kankrej	79.0	29.1	64.8	41.0	5.7
Bhavnagar	Vallabhipur	26.3	24.4	98.2	41.2	5.7
Amreli	Savarkundla	62.9	97.6	132.6	41.2	5.5
Kachchh	Abadasa	63.3	47.3	130.5	41.9	5.5
Junagadh	Maliya	68.5	207.6	240.4	41.4	5.4
Kheda	Matar	37.3	151.2	336.7	43.6	5.4
Mahesana	Vijapur	27.9	33.1	105.3	41.1	5.3
Bhavnagar	Gariadhar	39.9	73.1	200.0	39.7	5.2
Surat	Uchchhal	41.4	2791.5	151.4	37.1	5.2
Kachchh	Anjar	36.3	21.0	79.6	37.4	5.1
Junagadh	Manavadar	60.6	312.5	239.3	38.5	5.0
Bhavnagar	Umarala	26.6	28.0	101.5	36.0	4.9
Bhavnagar	Botad	32.5	28.0	94.4	36.0	4.9
Kachchh	Bhachau	52.9	66.3	179.7	36.5	4.9
Rajkot	Kotdasangani	26.1	33.7	96.0	34.1	4.6
Ahmedabad	Viramgam	70.0	100.7	161.3	37.5	4.6
Surat	Kamrej	54.4	1638.8	169.7	34.7	4.6
Rajkot	Jamkandorna	27.1	36.4	96.3	33.3	4.5
Jamnagar	Bhanvad	28.7	23.4	75.2	32.6	4.5
Sabarkantha	Himatnagar	67.3	86.2	206.5	33.5	4.4
Vadodara	Kawant	12.4	58.6	54.2	31.6	4.4
Sabarkantha	Khedbrahma	60.3	111.4	178.4	33.1	4.4
Sabarkantha	Prantij	79.1	94.7	187.5	33.0	4.3
Patan	Santalpur	32.5	31.1	90.1	33.0	4.3
Patan	Harij	39.1	37.3	110.2	32.8	4.2
Navsari	Chikhli	49.4	117.5	199.0	36.8	4.2
Surendranagar	Chotila	15.0	6.6	49.6	30.0	4.2
Panchmahal	Santrampur	46.5	88.1	199.1	31.0	4.2
Amreli	Khambha	43.1	70.1	183.7	31.6	4.1

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jamnagar	Jamjodhpur	36.4	38.4	97.5	30.1	4.1
Surendranagar	Dasada	38.7	26.3	90.9	29.7	4.1
Valsad	Valsad	44.7	126.5	183.6	34.1	3.9
Amreli	Dhari	51.3	109.7	102.2	29.5	3.9
Panchmahal	Lunawada	34.1	55.3	117.7	29.7	3.9
Vadodara	Dabhoi	32.0	127.5	218.4	29.8	3.9
Junagadh	Una	67.5	292.8	166.5	30.1	3.8
Anand	Anand	79.8	152.8	208.5	32.0	3.8
Mahesana	Visnagar	24.7	18.7	62.2	28.0	3.7
Dahod	Devgadhbaria	39.9	77.3	176.7	26.9	3.6
Jamnagar	Dhrol	37.5	36.0	77.0	26.9	3.6
Surat	Choryasi	24.1	197.2	166.8	28.1	3.5
Banaskantha	Deodar	62.2	60.9	160.4	26.8	3.4
Vadodara	Naswadi	43.6	51.5	103.9	27.2	3.4
Dahod	Ghoghamba	35.3	60.4	119.7	26.8	3.4
Dahod	Jhalod	43.0	74.5	128.8	26.8	3.4
Dahod	Limkheda	38.2	72.7	158.0	25.5	3.3
Sabarkantha	Malpur	25.1	15.6	52.8	25.8	3.3
Kachchh	Rapar	45.5	40.3	76.2	24.1	3.3
Jamnagar	Jodiya	27.9	27.8	73.3	24.1	3.2
Junagadh	Keshod	35.4	49.6	112.4	24.5	3.2
Patan	Sami	27.0	22.5	60.1	23.9	3.1
Surat	Mandvi	30.4	509.6	110.1	23.5	3.1
Kheda	Kathlal	27.7	76.4	181.2	23.7	3.1
Anand	Tarapur	36.1	102.1	175.2	24.8	3.1
Junagadh	Visavadar	48.0	93.5	137.8	24.0	3.1
Panchmahal	Godhara	40.3	80.5	144.0	25.7	3.0
Surat	Mangrol	29.4	113.7	124.8	24.9	3.0
Rajkot	Upleta	21.6	26.3	70.8	21.8	2.9
Kheda	Mahemdabad	39.3	51.9	135.8	22.6	2.9
Patan	Vagdod	50.3	31.4	73.5	21.5	2.9
Kheda	Virpur	19.9	76.3	154.6	21.7	2.9
Mahesana	Kheralu	7.8	10.6	43.8	21.9	2.8
Surat	Vyara	7.5	60.7	173.4	21.6	2.8
Junagadh	Kodinar	30.8	37.5	82.6	20.5	2.7
Amreli	Amreli	65.7	49.3	111.8	21.2	2.7
Patan	Radhanpur	35.6	31.8	79.4	20.2	2.6

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Navsari	Vansda	19.9	1082.5	66.1	18.9	2.6
Junagadh	Bhesan	42.4	55.8	116.3	20.2	2.6
Banaskantha	Tharad	41.1	32.8	62.1	19.5	2.6
Kheda	Mahudha	24.7	68.1	145.3	21.1	2.5
Panchmahal	Morva	27.9	53.9	123.0	18.8	2.5
Amreli	Rajula	43.2	32.3	79.2	18.8	2.4
Valsad	Dharampur	19.1	822.7	82.3	17.4	2.4
Junagadh	Mangrol	36.3	48.7	101.5	17.6	2.3
Panchmahal	Shahera	43.2	47.2	119.6	17.5	2.3
Banaskantha	Amirgadh	30.5	17.4	42.7	16.6	2.2
Patan	Unjha	31.1	38.1	80.1	17.7	2.2
Surat	Nizar	22.4	59.1	102.9	18.9	2.2
Dahod	Fatepura	24.1	45.7	103.5	16.1	2.2
Narmada	Nandod	34.9	45.6	95.8	17.1	2.1
Bharuch	Valiya	21.1	16.7	47.3	15.2	2.1
Valsad	Kaprada	20.1	541.2	70.2	15.9	2.0
Vadodara	Vadodara	6.3	38.7	76.6	15.0	2.0
Junagadh	Vanthali	32.1	41.8	90.0	15.6	2.0
Dahod	Dhanpur	22.3	42.7	96.4	14.9	2.0
Anand	Umreth	25.1	48.7	87.5	14.6	2.0
Junagadh	Veraval	31.4	41.6	87.9	15.2	2.0
Thehangs	Dangs	38.4	35.0	64.5	15.0	1.9
Jamnagar	Khambhaliya	21.4	29.5	62.2	13.8	1.8
Panchmahal	Halol	24.6	36.4	83.8	13.7	1.8
Surat	Valod	17.1	48.1	82.0	15.0	1.7
Sabarkantha	Idar	38.4	26.6	74.2	13.4	1.7
Porbander	Kutiyana	28.6	69.7	61.7	12.9	1.6
Porbander	Ranavav	17.0	93.1	43.9	12.1	1.6
Ahmedabad	Mandal	22.4	35.8	49.6	12.5	1.6
Amreli	Bagasara	26.9	20.1	49.3	11.9	1.5
Jamnagar	Kalyanpur	16.4	35.0	40.6	11.2	1.5
Sabarkantha	Bhiloda	22.3	27.0	63.7	11.1	1.5
Kheda	Kapadvanj	6.7	35.8	101.7	11.3	1.5
Panchmahal	Kadana	18.2	35.0	66.6	10.6	1.4
Kachchh	Rann-Of-Kachchh	17.1	9.9	29.1	10.2	1.4
Amreli	Liliya	39.0	220.5	55.6	10.6	1.4
Kheda	Balasinor	11.6	32.9	78.5	10.4	1.3

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Junagadh	Talala	22.1	23.2	51.6	9.1	1.1
Jamnagar	Lalpur	9.1	10.7	27.0	8.4	1.1
Panchmahal	Kalol(Panchmahals)	15.8	27.0	49.7	8.5	1.1
Jamnagar	Okhamandal	23.0	19.7	46.2	8.9	1.1
Banaskantha	Danta	15.7	12.5	26.3	8.3	1.1
Sabarkantha	Talod	14.3	19.6	41.8	8.1	1.1
Dahod	Garbada	12.8	21.1	41.6	8.2	1.0
Patan	Chanasma	4.9	5.3	18.2	8.0	1.0
Kachchh	Mundra	18.5	13.4	30.9	7.7	1.0
Dahod	Dahod	6.9	9.6	21.8	7.6	1.0
Surat	Bardoli	10.5	26.3	46.5	8.5	0.99
Ahmedabad	Barwala	18.0	23.2	41.6	7.2	0.97
Rajkot	Maliya	11.5	13.2	32.8	7.4	0.96
Junagadh	Sutrapada	16.9	17.9	39.9	7.5	0.95
Mahesana	Vadnagar	9.8	23.1	41.7	6.9	0.94
Surendranagar	Lakhtar	10.4	4.5	17.6	6.6	0.92
Navsari	Jalalpur	12.0	18.5	41.3	6.8	0.84
Vadodara	Shinor	1.7	0.62	8.0	5.6	0.78
Valsad	Umargaon	10.2	126.4	29.9	6.3	0.77
Ahmedabad	Dhandhuka	14.6	14.6	25.3	5.5	0.74
Panchmahal	Khanpur	8.3	16.1	35.7	5.6	0.74
Narmada	Dediapada	18.1	12.7	34.6	5.4	0.69
Junagadh	Mendarda	11.0	13.4	31.3	5.4	0.69
Ahmedabad	Ranpur	12.5	14.8	29.0	5.1	0.68
Surat	Surat City	6.0	129.4	21.4	4.8	0.64
Kachchh	Gandhidham	2.0	2.5	9.9	4.9	0.63
Panchmahal	Jambughoda	7.4	10.9	21.6	4.6	0.60
Banaskantha	Palanpur	3.6	2.6	8.6	4.1	0.54
Sabarkantha	Bayad	6.6	8.2	19.5	3.4	0.46
Kachchh	Lakhpat	13.3	8.1	18.0	3.4	0.44
Mahesana	Becharaji	7.8	5.6	13.6	3.0	0.39
Valsad	Pardi	2.8	15.8	10.4	2.8	0.36
Narmada	Sagbara	4.5	6.1	13.3	2.5	0.33
Mahesana	Satlasana	12.0	9.4	15.5	2.3	0.30
Surat	Mahuva	2.8	4.8	10.3	2.1	0.26
Sabarkantha	Meghraj	0.95	0.83	3.4	1.7	0.22
Navsari	Gandevi	2.2	5.5	9.3	1.7	0.19

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Narmada	Tilakwada	3.7	3.1	7.9	1.5	0.19
Surat	Umarpada	1.9	4.3	7.8	1.4	0.17
Anand	Borsad	2.8	4.6	7.9	1.4	0.17
Patan	Patan	1.5	1.1	2.7	1.1	0.15
Patan	Sidhpur	1.6	1.1	3.0	1.1	0.14
Sabarkantha	Vadali	3.6	2.0	4.2	1.1	0.14
Anand	Anklav	1.2	3.4	8.2	1.1	0.13
Navsari	Navsari	1.5	3.7	6.2	1.1	0.13
Ahmedabad	Ahamdabad City	0.42	0.59	1.7	0.88	0.12
Sabarkantha	Malpurmalpur	1.7	2.1	4.9	0.75	0.10
Kheda	Nadiad	1.2	1.6	4.0	0.65	0.084
Surat	Palsana	1.5	1.5	3.7	0.61	0.077
Surat	Olpad	0.56	0.73	1.7	0.31	0.039
Banaskantha	Vadgam	2.5	1.1	2.5	0.27	0.036
Banaskantha	Dhanera	0.77	0.82	1.6	0.24	0.032
Kheda	Kheda	0.18	0.49	1.1	0.17	0.023
Anand	Petlad	0.43	0.40	0.69	0.13	0.015
Anand	Sojitra	0.040	0.020	0.059	0.0076	0.0010
Total		8007.6	23896.9	29001.0	9085.5	1226.1

District Level Residue Wise

District level Residue-wise Data for Ahmedabad; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	108.5	151.9	412.3	288.6	40.4
Cotton	Bollshell	108.5	151.9	166.9	116.8	16.4
Cotton	Husk	108.5	151.9	166.9	116.8	16.4
Wheat	Pod	107.0	144.5	43.4	21.7	3.0
Wheat	Stalks	107.0	144.5	216.9	21.7	2.8
Paddy	Straw	87.8	110.6	165.4	16.5	2.0
Paddy	Husk	87.8	110.6	22.1	17.6	1.9
Coconut	FronDs	6.4	8.9	25.6	12.8	1.8
Bajra	Stalks	30.4	32.3	64.8	6.5	0.84
Gram	Stalks	17.9	6.1	6.7	5.4	0.70

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Cobs	30.4	32.3	10.7	5.3	0.70
Cuminseed	Stalks	13.3	3.9	6.0	4.8	0.68
Coconut	Husk & Pith	6.4	8.9	4.7	2.4	0.31
Bajra	Husk	30.4	32.3	9.7	2.4	0.29
Til	Stalks	15.3	6.9	17.1	1.7	0.22
Coconut	Shell	6.4	8.9	2.0	1.6	0.22
Sugarcane	Tops & Leaves	4.9	92.1	4.6	1.2	0.16
Others	Others	0.17	0.56	1.7	0.17	0.022
Total		391.9	557.7	1347.5	644.0	88.8

District level Residue-wise Data for Amreli; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	87.8	125.5	333.6	233.5	32.7
Cotton	Bollshell	87.8	125.5	138.4	96.9	13.6
Cotton	Husk	87.8	125.5	138.4	96.9	13.6
Groundnut	Stalks	317.7	228.7	455.5	45.6	5.9
Groundnut	Shell	317.7	228.7	68.3	47.8	5.7
Bajra	Stalks	41.1	76.0	152.2	15.2	2.0
Bajra	Cobs	41.1	76.0	25.1	12.6	1.6
Sugarcane	Tops & Leaves	27.5	470.8	23.5	5.9	0.82
Til	Stalks	43.6	24.4	61.6	6.2	0.80
Wheat	Pod	14.0	34.3	10.3	5.1	0.72
Bajra	Husk	41.1	76.0	22.8	5.7	0.69
Wheat	Stalks	14.0	34.3	51.4	5.1	0.67
Coconut	FronDs	1.2	4.9	4.6	2.3	0.32
Coconut	Husk & Pith	1.2	4.9	2.6	1.3	0.17
Coconut	Shell	1.2	4.9	1.1	0.86	0.12
Total		532.8	964.6	1489.7	581.0	79.4

District level Residue-wise Data for Anand; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	2.6	165.3	496.0	49.6	6.4
Paddy	Straw	73.2	145.7	218.5	21.8	2.6
Paddy	Husk	73.2	145.7	29.1	23.3	2.6
Wheat	Pod	35.4	68.6	20.6	10.3	1.4
Wheat	Stalks	35.4	68.6	102.8	10.3	1.3
Tobacco	Stalks	45.7	84.1	84.0	8.4	1.1
Others	Others	31.2	25.6	5.6	1.4	0.19
Total		188.2	489.3	956.5	125.1	15.7

District level Residue-wise Data for Banaskantha; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	70.2	90.6	362.7	181.3	23.6
Cotton	Stalks	24.2	6.3	92.0	64.4	9.0
Guar	Stalks	124.6	39.9	81.0	56.7	7.9
Bajra	Stalks	206.9	202.7	406.3	40.6	5.3
Bajra	Cobs	206.9	202.7	67.0	33.5	4.4
Bajra	Husk	206.9	202.7	60.9	15.2	1.8
Wheat	Pod	35.9	76.5	22.9	11.5	1.6
Wheat	Stalks	35.9	76.5	114.7	11.5	1.5
Cotton	Bollshell	24.2	6.3	6.9	4.8	0.68
Cotton	Husk	24.2	6.3	6.9	4.8	0.68
Castorseed	Husk	70.2	90.6	9.1	4.5	0.54
Til	Stalks	26.8	9.1	22.7	2.3	0.30
Moong	Stalks	36.7	11.7	12.8	1.3	0.17
Others	Others	0.11	5.1	2.1	0.27	0.034
Total		525.4	441.8	1267.9	432.7	57.5

District level Residue-wise Data for Bharuch; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	142.0	48.3	539.5	377.6	52.9
Banana	Residue	4.4	267.9	803.7	80.4	10.4
Cotton	Bollshell	142.0	48.3	53.1	37.2	5.2
Cotton	Husk	142.0	48.3	53.1	37.2	5.2
Sugarcane	Tops & Leaves	22.3	1139.9	57.0	14.2	2.0
Jowar	Stalks	28.5	31.9	54.0	10.8	1.4
Arhar	Stalks	39.2	24.7	61.9	6.2	0.80
Wheat	Pod	18.6	25.1	7.5	3.8	0.53
Wheat	Stalks	18.6	25.1	37.7	3.8	0.49
Arhar	Husk	39.2	24.7	7.4	3.7	0.45
Jowar	Cobs	28.5	31.9	15.9	3.2	0.44
Jowar	Husk	28.5	31.9	6.4	3.2	0.38
Paddy	Straw	13.6	21.1	31.6	3.2	0.38
Paddy	Husk	13.6	21.1	4.2	3.4	0.37
Coconut	FronDs	0.19	0.62	0.75	0.38	0.053
Others	Others	0	0	0.46	0.27	0.036
Total		268.7	1559.5	1734.2	588.4	81.1

District level Residue-wise Data for Bhavnagar; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	151.4	54.5	575.3	402.7	56.4
Cotton	Bollshell	151.4	54.5	60.2	42.2	5.9
Cotton	Husk	151.4	54.5	60.2	42.2	5.9
Groundnut	Stalks	170.2	158.3	315.0	31.5	4.1
Groundnut	Shell	170.2	158.3	47.2	33.1	4.0
Bajra	Stalks	72.6	147.4	294.3	29.4	3.8
Bajra	Cobs	72.6	147.4	48.6	24.3	3.2
Bajra	Husk	72.6	147.4	44.1	11.0	1.3
Til	Stalks	47.1	33.9	85.0	8.5	1.1
Coconut	FronDs	2.5	8.2	10.0	5.0	0.70
Wheat	Pod	13.9	32.2	9.7	4.8	0.68
Banana	Residue	0.23	16.8	50.4	5.0	0.66
Wheat	Stalks	13.9	32.2	48.4	4.8	0.63

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Coconut	Husk & Pith	2.5	8.2	4.4	2.2	0.28
Coconut	Shell	2.5	8.2	1.8	1.4	0.20
Others	Others	0.077	7.7	0.39	0.097	0.014
Total		458.1	459.1	1655.0	648.3	88.8

District level Residue-wise Data for Dahod; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	145.3	280.5	559.8	56.0	7.3
Maize	Cobs	145.3	280.5	84.0	42.0	5.9
Gram	Stalks	27.0	16.5	18.1	14.5	1.9
Paddy	Straw	46.8	98.3	147.5	14.8	1.8
Paddy	Husk	46.8	98.3	19.7	15.7	1.7
Cotton	Stalks	2.8	1.3	10.8	7.6	1.1
Cotton	Bollshell	2.8	1.3	1.4	0.97	0.14
Cotton	Husk	2.8	1.3	1.4	0.97	0.14
Others	Others	0.47	7.5	3.9	0.51	0.068
Total		222.5	404.1	846.5	152.9	19.9

District level Residue-wise Data for Gandhinagar; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	56.4	156.7	214.2	149.9	21.0
Cotton	Bollshell	56.4	156.7	172.6	120.8	16.9
Cotton	Husk	56.4	156.7	172.6	120.8	16.9
Castorseed	Stalks	17.5	39.8	159.3	79.7	10.4
Wheat	Pod	24.7	65.7	19.7	9.8	1.4
Wheat	Stalks	24.7	65.7	98.3	9.8	1.3
Bajra	Stalks	29.0	48.5	97.0	9.7	1.3
Bajra	Cobs	29.0	48.5	16.0	8.0	1.0
Paddy	Straw	14.0	45.1	67.6	6.8	0.81
Paddy	Husk	14.0	45.1	9.0	7.2	0.79
Guar	Stalks	10.5	3.3	6.5	4.6	0.64
Coconut	FronDs	1.6	2.3	6.6	3.3	0.46

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Husk	29.0	48.5	14.5	3.6	0.44
Mustard	Husk	7.9	9.4	2.8	2.7	0.32
Castorseed	Husk	17.5	39.8	4.0	2.0	0.24
Mustard	Stalks	7.9	9.4	17.0	1.7	0.22
Jowar	Stalks	3.7	3.7	6.3	1.3	0.16
Others	Others	9.9	10.3	6.9	1.0	0.13
Coconut	Husk & Pith	1.6	2.3	1.2	0.60	0.079
Coconut	Shell	1.6	2.3	0.50	0.40	0.056
Jowar	Cobs	3.7	3.7	1.9	0.37	0.052
Total		175.3	384.7	1094.4	544.1	74.5

District level Residue-wise Data for Jamnagar; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	47.9	35.5	182.1	127.5	17.8
Groundnut	Stalks	204.1	175.5	351.8	35.2	4.6
Groundnut	Shell	204.1	175.5	52.8	36.9	4.4
Cotton	Bollshell	47.9	35.5	39.0	27.3	3.8
Cotton	Husk	47.9	35.5	39.0	27.3	3.8
Wheat	Pod	43.7	106.6	32.0	16.0	2.2
Wheat	Stalks	43.7	106.6	159.8	16.0	2.1
Gram	Stalks	22.9	16.7	18.5	14.8	1.9
Cuminseed	Stalks	19.9	5.2	8.1	6.5	0.91
Coconut	FronDs	0.55	1.8	2.2	1.1	0.15
Others	Others	0.36	20.2	1.5	0.58	0.081
Coconut	Husk & Pith	0.55	1.8	0.96	0.48	0.062
Total		339.5	361.6	887.7	309.6	41.9

District level Residue-wise Data for Junagadh; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	413.1	371.8	744.4	74.4	9.7
Groundnut	Shell	413.1	371.8	111.7	78.2	9.4
Cotton	Stalks	19.0	18.8	72.1	50.5	7.1

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	95.4	293.9	88.1	44.0	6.2
Wheat	Stalks	95.4	293.9	440.3	44.0	5.7
Cotton	Bollshell	19.0	18.8	20.7	14.5	2.0
Cotton	Husk	19.0	18.8	20.7	14.5	2.0
Bajra	Stalks	19.9	40.7	81.6	8.2	1.1
Coconut	FronDs	3.4	11.7	13.7	6.9	0.96
Sugarcane	Tops & Leaves	7.7	548.2	27.4	6.9	0.96
Bajra	Cobs	19.9	40.7	13.5	6.7	0.88
Banana	Residue	0.43	18.8	56.4	5.6	0.73
Coconut	Husk & Pith	3.4	11.7	6.2	3.1	0.40
Bajra	Husk	19.9	40.7	12.2	3.1	0.37
Coconut	Shell	3.4	11.7	2.6	2.1	0.29
Total		558.9	1303.9	1711.4	362.5	47.7

District level Residue-wise Data for Kachchh; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	70.9	98.5	395.0	197.5	25.7
Cotton	Stalks	48.8	20.5	185.5	129.8	18.2
Guar	Stalks	95.2	31.4	62.7	43.9	6.1
Groundnut	Stalks	65.3	92.0	184.5	18.5	2.4
Groundnut	Shell	65.3	92.0	27.7	19.4	2.3
Cotton	Bollshell	48.8	20.5	22.5	15.8	2.2
Cotton	Husk	48.8	20.5	22.5	15.8	2.2
Bajra	Stalks	89.5	82.4	165.4	16.5	2.2
Bajra	Cobs	89.5	82.4	27.3	13.6	1.8
Banana	Residue	0.41	29.9	89.8	9.0	1.2
Wheat	Pod	17.8	43.4	13.0	6.5	0.91
Wheat	Stalks	17.8	43.4	65.1	6.5	0.85
Bajra	Husk	89.5	82.4	24.8	6.2	0.74
Coconut	FronDs	2.5	8.2	10.0	5.0	0.70
Castorseed	Husk	70.9	98.5	9.9	4.9	0.59
Til	Stalks	45.1	17.6	44.4	4.4	0.58
Moong	Stalks	84.6	27.1	29.5	3.0	0.38
Coconut	Husk & Pith	2.5	8.2	4.4	2.2	0.28

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Moth	Stalks	18.0	9.9	17.8	1.8	0.23
Coconut	Shell	2.5	8.2	1.8	1.4	0.20
Others	Others	0.20	12.2	4.6	0.55	0.070
Total		538.3	473.2	1408.4	522.3	69.8

District level Residue-wise Data for Kheda; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	3.3	204.7	614.0	61.4	8.0
Paddy	Straw	101.5	202.0	302.8	30.3	3.6
Paddy	Husk	101.5	202.0	40.4	32.3	3.6
Wheat	Pod	50.5	98.1	29.4	14.7	2.1
Bajra	Stalks	59.4	78.5	156.7	15.7	2.0
Wheat	Stalks	50.5	98.1	146.8	14.7	1.9
Maize	Stalks	24.7	68.9	137.8	13.8	1.8
Bajra	Cobs	59.4	78.5	25.9	12.9	1.7
Maize	Cobs	24.7	68.9	20.7	10.3	1.4
Tobacco	Stalks	40.6	74.7	74.7	7.5	0.97
Bajra	Husk	59.4	78.5	23.5	5.9	0.71
Arhar	Stalks	10.1	10.6	26.5	2.6	0.34
Til	Stalks	12.1	8.2	20.6	2.1	0.27
Arhar	Husk	10.1	10.6	3.2	1.6	0.19
Others	Others	0.21	0.37	1.2	0.71	0.098
Sugarcane	Tops & Leaves	0.40	30.0	1.5	0.37	0.052
Total		302.9	776.0	1625.4	226.8	28.7

District level Residue-wise Data for Mahesana; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	28.9	39.4	157.9	78.9	10.3
Cotton	Stalks	20.1	28.7	76.3	53.4	7.5
Cotton	Bollshell	20.1	28.7	31.5	22.1	3.1
Cotton	Husk	20.1	28.7	31.5	22.1	3.1
Wheat	Pod	36.7	86.9	26.1	13.0	1.8
Wheat	Stalks	36.7	86.9	130.4	13.0	1.7
Mustard	Husk	40.2	49.4	14.8	14.1	1.7
Guar	Stalks	14.4	7.2	14.5	10.1	1.4
Bajra	Stalks	58.7	51.1	102.3	10.2	1.3
Mustard	Stalks	40.2	49.4	88.9	8.9	1.2
Bajra	Cobs	58.7	51.1	16.9	8.4	1.1
Cuminseed	Stalks	10.5	3.8	5.8	4.7	0.65
Bajra	Husk	58.7	51.1	15.3	3.8	0.46
Til	Stalks	13.8	7.5	18.6	1.9	0.24
Castorseed	Husk	28.9	39.4	3.9	2.0	0.24
Moong	Stalks	20.9	7.1	7.8	0.78	0.10
Others	Others	0.084	0.25	1.6	0.38	0.051
Total		244.4	281.3	744.1	267.8	35.9

District level Residue-wise Data for Narmada; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jowar	Stalks	14.4	16.1	27.3	5.5	0.71
Arhar	Stalks	23.6	14.8	37.3	3.7	0.48
Maize	Stalks	9.7	15.5	31.0	3.1	0.40
Paddy	Straw	13.6	21.1	31.6	3.2	0.38
Paddy	Husk	13.6	21.1	4.2	3.4	0.37
Maize	Cobs	9.7	15.5	4.6	2.3	0.32
Arhar	Husk	23.6	14.8	4.5	2.2	0.27
Jowar	Cobs	14.4	16.1	8.0	1.6	0.22
Jowar	Husk	14.4	16.1	3.2	1.6	0.19
Total		61.2	67.5	151.7	26.6	3.4

District level Residue-wise Data for Navsari; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	54.1	133.2	199.6	20.0	2.4
Paddy	Husk	54.1	133.2	26.6	21.3	2.3
Sugarcane	Tops & Leaves	17.8	1076.7	53.8	13.5	1.9
Coconut	FronDs	1.4	4.7	5.7	2.8	0.40
Banana	Residue	0.13	6.9	20.7	2.1	0.27
Coconut	Husk & Pith	1.4	4.7	2.5	1.2	0.16
Urad	Stalks	3.7	2.1	2.3	1.1	0.15
Gram	Stalks	2.5	1.3	1.4	1.1	0.15
Coconut	Shell	1.4	4.7	1.0	0.82	0.12
Arhar	Stalks	5.4	2.8	7.1	0.71	0.092
Arhar	Husk	5.4	2.8	0.85	0.42	0.051
Others	Others	0	0	0.41	0.21	0.025
Total		85.1	1227.6	321.9	65.3	8.0

District level Residue-wise Data for Panchmahal; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	136.1	262.6	524.2	52.4	6.8
Maize	Cobs	136.1	262.6	78.6	39.3	5.5
Paddy	Straw	48.4	101.6	152.4	15.2	1.8
Paddy	Husk	48.4	101.6	20.3	16.3	1.8
Cotton	Stalks	3.3	1.5	12.6	8.8	1.2
Arhar	Stalks	34.8	26.1	64.9	6.5	0.84
Gram	Stalks	11.8	7.2	7.9	6.3	0.82
Wheat	Pod	20.4	34.6	10.4	5.2	0.73
Wheat	Stalks	20.4	34.6	52.0	5.2	0.68
Arhar	Husk	34.8	26.1	7.8	3.9	0.47
Bajra	Stalks	11.2	8.5	17.0	1.7	0.22
Bajra	Cobs	11.2	8.5	2.8	1.4	0.18
Cotton	Bollshell	3.3	1.5	1.6	1.1	0.16
Cotton	Husk	3.3	1.5	1.6	1.1	0.16
Bajra	Husk	11.2	8.5	2.6	0.64	0.077
Others	Others	0.14	8.2	4.0	0.46	0.061
Total		266.1	450.3	960.7	165.6	21.6

District level Residue-wise Data for Patan; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Castorseed	Stalks	26.1	35.6	142.6	71.3	9.3
Cuminseed	Stalks	32.6	11.7	18.0	14.4	2.0
Bajra	Stalks	87.9	76.5	153.1	15.3	2.0
Mustard	Husk	45.0	55.3	16.6	15.8	1.9
Bajra	Cobs	87.9	76.5	25.3	12.6	1.6
Mustard	Stalks	45.0	55.3	99.5	9.9	1.3
Guar	Stalks	12.8	6.4	12.9	9.0	1.3
Bajra	Husk	87.9	76.5	23.0	5.7	0.69
Castorseed	Husk	26.1	35.6	3.6	1.8	0.21
Wheat	Pod	3.8	9.1	2.7	1.4	0.19
Wheat	Stalks	3.8	9.1	13.6	1.4	0.18
Moong	Stalks	15.3	5.2	5.7	0.57	0.074
Others	Others	0	0	0.78	0.078	0.0093
Total		223.6	199.7	517.3	159.3	20.7

District level Residue-wise Data for Porbander; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Stalks	79.5	71.6	143.3	14.3	1.9
Cotton	Stalks	4.9	4.8	18.6	13.0	1.8
Groundnut	Shell	79.5	71.6	21.5	15.0	1.8
Gram	Stalks	13.9	13.4	14.8	11.8	1.5
Cotton	Bollshell	4.9	4.8	5.3	3.7	0.52
Cotton	Husk	4.9	4.8	5.3	3.7	0.52
Sugarcane	Tops & Leaves	2.0	142.2	7.1	1.8	0.25
Coconut	Fronds	0.88	3.0	3.5	1.8	0.25
Wheat	Pod	3.4	10.5	3.2	1.6	0.22
Wheat	Stalks	3.4	10.5	15.8	1.6	0.20
Bajra	Stalks	3.3	6.9	13.7	1.4	0.18
Banana	Residue	0.100	4.4	13.1	1.3	0.17
Bajra	Cobs	3.3	6.9	2.3	1.1	0.15
Coconut	Husk & Pith	0.88	3.0	1.6	0.79	0.10

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Coconut	Shell	0.88	3.0	0.66	0.53	0.074
Bajra	Husk	3.3	6.9	2.1	0.51	0.062
Total		108.1	256.8	271.7	74.0	9.7

District level Residue-wise Data for Rajkot; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	153.3	96.6	582.4	407.7	57.1
Groundnut	Stalks	394.9	493.7	987.4	98.7	12.8
Groundnut	Shell	394.9	493.7	148.1	103.7	12.4
Cotton	Bollshell	153.3	96.6	106.2	74.3	10.4
Cotton	Husk	153.3	96.6	106.2	74.3	10.4
Wheat	Pod	77.8	208.5	62.6	31.3	4.4
Wheat	Stalks	77.8	208.5	313.2	31.3	4.1
Cuminseed	Stalks	38.2	18.3	28.4	22.7	3.2
Bajra	Stalks	39.1	80.2	160.6	16.1	2.1
Bajra	Cobs	39.1	80.2	26.5	13.2	1.7
Til	Stalks	56.1	25.8	63.8	6.4	0.83
Bajra	Husk	39.1	80.2	24.1	6.0	0.72
Others	Others	0.44	27.3	1.6	0.48	0.067
Total		759.8	950.4	2611.0	886.3	120.2

District level Residue-wise Data for Sabarkantha; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	35.7	16.4	135.6	94.9	13.3
Castorseed	Stalks	28.4	25.0	100.2	50.1	6.5
Maize	Stalks	161.9	204.0	408.7	40.9	5.3
Maize	Cobs	161.9	204.0	61.3	30.7	4.3
Cotton	Bollshell	35.7	16.4	18.1	12.6	1.8
Cotton	Husk	35.7	16.4	18.1	12.6	1.8
Wheat	Pod	47.6	77.0	23.1	11.5	1.6
Wheat	Stalks	47.6	77.0	115.5	11.5	1.5
Groundnut	Stalks	39.8	31.9	63.8	6.4	0.83

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Shell	39.8	31.9	9.6	6.7	0.80
Arhar	Stalks	32.9	20.4	51.0	5.1	0.66
Bajra	Stalks	18.6	20.0	40.0	4.0	0.52
Bajra	Cobs	18.6	20.0	6.6	3.3	0.43
Arhar	Husk	32.9	20.4	6.1	3.1	0.37
Urad	Stalks	15.5	5.1	5.6	2.8	0.36
Bajra	Husk	18.6	20.0	6.0	1.5	0.18
Castorseed	Husk	28.4	25.0	2.5	1.3	0.15
Banana	Residue	0.10	3.6	10.9	1.1	0.14
Sugarcane	Tops & Leaves	0.60	38.1	1.9	0.48	0.067
Urad	Husk	15.5	5.1	1.0	0.51	0.061
Others	Others	0.031	0.10	0.20	0.11	0.014
Total		381.0	441.7	1085.8	301.2	40.7

District level Residue-wise Data for Surat; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sugarcane	Tops & Leaves	113.7	8353.2	417.7	104.4	14.6
Banana	Residue	2.1	136.0	407.9	40.8	5.3
Paddy	Straw	91.3	258.4	387.7	38.8	4.7
Paddy	Husk	91.3	258.4	51.7	41.4	4.5
Jowar	Stalks	35.1	56.1	95.2	19.0	2.5
Cotton	Stalks	2.8	1.3	10.5	7.3	1.0
Arhar	Stalks	37.6	26.0	64.7	6.5	0.84
Jowar	Cobs	35.1	56.1	28.0	5.6	0.78
Jowar	Husk	35.1	56.1	11.2	5.6	0.67
Arhar	Husk	37.6	26.0	7.8	3.9	0.47
Groundnut	Stalks	11.0	15.9	31.8	3.2	0.41
Groundnut	Shell	11.0	15.9	4.8	3.3	0.40
Wheat	Pod	9.2	16.2	4.8	2.4	0.34
Wheat	Stalks	9.2	16.2	24.2	2.4	0.31
Coconut	FronDs	0.80	2.6	3.2	1.6	0.22
Cotton	Bollshell	2.8	1.3	1.5	1.0	0.14

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Husk	2.8	1.3	1.5	1.0	0.14
Coconut	Husk & Pith	0.80	2.6	1.4	0.69	0.090
Coconut	Shell	0.80	2.6	0.58	0.46	0.064
Total		303.6	8865.7	1556.0	289.4	37.5

District level Residue-wise Data for Surendranagar; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	222.6	71.2	846.0	592.2	82.9
Cotton	Bollshell	222.6	71.2	78.4	54.9	7.7
Cotton	Husk	222.6	71.2	78.4	54.9	7.7
Bajra	Stalks	83.6	171.5	343.3	34.3	4.5
Bajra	Cobs	83.6	171.5	56.6	28.3	3.7
Bajra	Husk	83.6	171.5	51.5	12.9	1.5
Cuminseed	Stalks	25.8	8.8	13.6	10.9	1.5
Til	Stalks	109.4	44.8	112.4	11.2	1.5
Wheat	Pod	24.2	44.8	13.4	6.7	0.94
Groundnut	Stalks	28.8	35.1	70.0	7.0	0.91
Groundnut	Shell	28.8	35.1	10.5	7.4	0.88
Wheat	Stalks	24.2	44.8	67.2	6.7	0.87
Others	Others	0.0027	0.19	0.0094	0.0023	0.00033
Total		494.5	376.4	1741.3	827.3	114.5

District level Residue-wise Data for The dangs; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gram	Stalks	6.0	3.0	3.3	2.7	0.35
Paddy	Straw	14.1	16.2	24.2	2.4	0.29
Paddy	Husk	14.1	16.2	3.2	2.6	0.28
Jowar	Stalks	5.5	6.3	10.7	2.1	0.28
Urad	Stalks	4.0	2.0	2.2	1.1	0.14
Groundnut	Stalks	4.3	3.6	7.2	0.72	0.093
Groundnut	Shell	4.3	3.6	1.1	0.76	0.091
Jowar	Cobs	5.5	6.3	3.2	0.63	0.088

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.30	1.3	1.7	0.69	0.084
Arhar	Stalks	4.1	2.6	6.5	0.65	0.084
Jowar	Husk	5.5	6.3	1.3	0.63	0.076
Total		38.4	35.0	64.5	15.0	1.9

District level Residue-wise Data for Vadodara; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	178.8	62.6	679.4	475.6	66.6
Banana	Residue	4.9	360.5	1081.6	108.2	14.1
Cotton	Bollshell	178.8	62.6	68.8	48.2	6.7
Cotton	Husk	178.8	62.6	68.8	48.2	6.7
Maize	Stalks	65.5	109.4	218.9	21.9	2.8
Arhar	Stalks	95.7	71.8	178.2	17.8	2.3
Maize	Cobs	65.5	109.4	32.8	16.4	2.3
Arhar	Husk	95.7	71.8	21.4	10.7	1.3
Paddy	Straw	55.1	67.2	100.8	10.1	1.2
Paddy	Husk	55.1	67.2	13.4	10.8	1.2
Jowar	Stalks	13.7	14.7	25.1	5.0	0.65
Urad	Stalks	13.3	8.6	9.4	4.7	0.61
Wheat	Pod	12.3	28.2	8.5	4.2	0.59
Wheat	Stalks	12.3	28.2	42.3	4.2	0.55
Sugarcane	Tops & Leaves	3.1	212.8	10.6	2.7	0.37
Jowar	Cobs	13.7	14.7	7.4	1.5	0.21
Jowar	Husk	13.7	14.7	2.9	1.5	0.18
Urad	Husk	13.3	8.6	1.7	0.86	0.10
Coconut	FronDs	0.27	0.89	1.1	0.54	0.076
Others	Others	0	0	0.67	0.39	0.053
Total		442.6	936.7	2574.0	793.4	108.7

District level Residue-wise Data for Valsad; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	59.9	147.4	220.8	22.1	2.6
Paddy	Husk	59.9	147.4	29.4	23.6	2.6
Sugarcane	Tops & Leaves	24.2	1463.7	73.2	18.3	2.6
Coconut	FronDS	1.9	6.4	7.8	3.9	0.54
Banana	Residue	0.18	9.4	28.2	2.8	0.37
Coconut	Husk & Pith	1.9	6.4	3.4	1.7	0.22
Urad	Stalks	4.7	2.6	2.9	1.5	0.19
Coconut	Shell	1.9	6.4	1.4	1.1	0.16
Arhar	Stalks	5.9	3.1	7.8	0.78	0.10
Arhar	Husk	5.9	3.1	0.93	0.47	0.056
Others	Others	0	0	0.53	0.27	0.032
Total		96.9	1632.6	376.4	76.4	9.5

District Level Taluk Wise

DistrictLevel Taluk-wise Data for Ahmedabad ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Dholka	65.8	76.7	322.3	210.0	29.3
Sanand	73.7	108.0	302.1	163.0	22.7
Bavla	61.0	106.7	200.5	84.1	11.6
Detroj-Rampur	27.4	47.5	123.5	68.0	9.5
Daskroi	25.9	29.2	90.7	50.1	7.0
Viramgam	70.0	100.7	161.3	37.5	4.6
Mandal	22.4	35.8	49.6	12.5	1.6
Barwala	18.0	23.2	41.6	7.2	0.97
Dhandhuka	14.6	14.6	25.3	5.5	0.74
Ranpur	12.5	14.8	29.0	5.1	0.68
Ahamdabad City	0.42	0.59	1.7	0.88	0.12
Total		391.9	557.7	1347.5	644.0

DistrictLevel Taluk-wise Data for Amreli ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Vadia	46.4	66.3	322.1	225.2	31.5
Jafrabad	44.4	64.6	181.2	79.2	11.0
Lathi	65.1	183.1	152.4	63.7	8.8
Babra	44.7	51.0	119.6	48.1	6.6
Savarkundla	62.9	97.6	132.6	41.2	5.5
Khambha	43.1	70.1	183.7	31.6	4.1
Dhari	51.3	109.7	102.2	29.5	3.9
Amreli	65.7	49.3	111.8	21.2	2.7
Rajula	43.2	32.3	79.2	18.8	2.4
Bagasara	26.9	20.1	49.3	11.9	1.5
Liliya	39.0	220.5	55.6	10.6	1.4
Total		532.8	964.6	1489.7	581.0

DistrictLevel Taluk-wise Data for Anand ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Khambhat	42.8	177.2	468.5	51.1	6.5
Anand	79.8	152.8	208.5	32.0	3.8
Tarapur	36.1	102.1	175.2	24.8	3.1
Umreth	25.1	48.7	87.5	14.6	2.0
Borsad	2.8	4.6	7.9	1.4	0.17
Anklav	1.2	3.4	8.2	1.1	0.13
Petlad	0.43	0.40	0.69	0.13	0.015
Sojitra	0.040	0.020	0.059	0.0076	0.0010
Total		188.2	489.3	956.5	125.1

DistrictLevel Taluk-wise Data for Banaskantha ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Dantiwada	33.4	19.3	148.1	92.8	12.7
Vav	72.8	83.9	230.5	90.4	12.0
Bhabhar	37.9	39.2	145.4	69.7	9.0
Deesa	145.9	142.4	374.9	63.0	8.1
Kankrej	79.0	29.1	64.8	41.0	5.7
Deodar	62.2	60.9	160.4	26.8	3.4
Tharad	41.1	32.8	62.1	19.5	2.6
Amirgadh	30.5	17.4	42.7	16.6	2.2
Danta	15.7	12.5	26.3	8.3	1.1
Palanpur	3.6	2.6	8.6	4.1	0.54
Vadgam	2.5	1.1	2.5	0.27	0.036
Dhanera	0.77	0.82	1.6	0.24	0.032
Total		525.4	441.8	1267.9	432.7

DistrictLevel Taluk-wise Data for Bharuch ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jambusar	33.0	361.2	773.2	130.2	17.5
Hansot	48.9	79.3	166.7	89.7	12.4
Vagara	35.7	369.6	138.7	82.5	11.5
Bharuch	46.7	143.2	159.1	79.3	11.0
Jhaghadia	28.1	37.5	178.6	77.4	10.7
Amod	34.2	90.3	123.6	66.4	9.2
Ankleshwar	20.9	461.6	147.0	47.8	6.6
Valiya	21.1	16.7	47.3	15.2	2.1
Total		268.7	1559.5	1734.2	588.4

DistrictLevel Taluk-wise Data for Bhavnagar ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Palitana	43.2	25.8	161.5	94.1	13.1
Gadhada	52.4	41.1	170.8	80.6	11.1
Shihor	45.4	51.8	206.8	80.0	11.0
Talaja	75.5	84.6	237.3	75.4	10.2
Mahuva	65.7	58.2	180.6	68.9	9.4
Ghogha	24.1	14.4	88.9	50.9	7.1
Bhavnagar	26.5	29.5	114.9	45.5	6.2
Vallabhipur	26.3	24.4	98.2	41.2	5.7
Gariadhar	39.9	73.1	200.0	39.7	5.2
Umarala	26.6	28.0	101.5	36.0	4.9
Botad	32.5	28.0	94.4	36.0	4.9
Total		458.1	459.1	1655.0	648.3

DistrictLevel Taluk-wise Data for Dahod ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Devgadhbaria	39.9	77.3	176.7	26.9	3.6
Ghoghamba	35.3	60.4	119.7	26.8	3.4
Jhalod	43.0	74.5	128.8	26.8	3.4
Limkheda	38.2	72.7	158.0	25.5	3.3
Fatepura	24.1	45.7	103.5	16.1	2.2
Dhanpur	22.3	42.7	96.4	14.9	2.0
Garbada	12.8	21.1	41.6	8.2	1.0
Dahod	6.9	9.6	21.8	7.6	1.0
Total		222.5	404.1	846.5	152.9

DistrictLevel Taluk-wise Data for Gandhinagar ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Gandhinagar	68.3	151.2	444.8	216.8	29.7
Kalol	30.0	71.9	207.6	121.9	17.0
Dehgam	43.6	99.9	249.6	109.3	14.7
Mansa	33.4	61.7	192.5	96.1	13.1
Total		175.3	384.7	1094.4	544.1

DistrictLevel Taluk-wise Data for Jamnagar ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kalavad	76.3	75.3	230.0	106.0	14.6
Jamnagar	62.8	65.8	158.7	47.7	6.4
Bhanvad	28.7	23.4	75.2	32.6	4.5
Jamjodhpur	36.4	38.4	97.5	30.1	4.1
Dhrol	37.5	36.0	77.0	26.9	3.6
Jodiya	27.9	27.8	73.3	24.1	3.2
Khambhaliya	21.4	29.5	62.2	13.8	1.8
Kalyanpur	16.4	35.0	40.6	11.2	1.5
Lalpur	9.1	10.7	27.0	8.4	1.1
Okhamandal	23.0	19.7	46.2	8.9	1.1
Total		339.5	361.6	887.7	309.6

DistrictLevel Taluk-wise Data for Junagadh ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Junagadh	55.9	68.1	213.7	93.0	12.8
Maliya	68.5	207.6	240.4	41.4	5.4
Manavadar	60.6	312.5	239.3	38.5	5.0
Una	67.5	292.8	166.5	30.1	3.8
Keshod	35.4	49.6	112.4	24.5	3.2
Visavadar	48.0	93.5	137.8	24.0	3.1
Kodinar	30.8	37.5	82.6	20.5	2.7

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bhesan	42.4	55.8	116.3	20.2	2.6
Mangrol	36.3	48.7	101.5	17.6	2.3
Vanthali	32.1	41.8	90.0	15.6	2.0
Veraval	31.4	41.6	87.9	15.2	2.0
Talala	22.1	23.2	51.6	9.1	1.1
Sutrapada	16.9	17.9	39.9	7.5	0.95
Mendarda	11.0	13.4	31.3	5.4	0.69
Total		558.9	1303.9	1711.4	362.5

DistrictLevel Taluk-wise Data for Kachchh ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bhuj	156.8	149.2	517.5	231.2	30.6
Nakhtrana	80.5	73.3	212.6	75.5	10.2
Mandvi	52.0	41.9	124.3	49.5	6.8
Abadasa	63.3	47.3	130.5	41.9	5.5
Anjar	36.3	21.0	79.6	37.4	5.1
Bhachau	52.9	66.3	179.7	36.5	4.9
Rapar	45.5	40.3	76.2	24.1	3.3
Rann-Of-Kachchh	17.1	9.9	29.1	10.2	1.4
Mundra	18.5	13.4	30.9	7.7	1.0
Gandhidham	2.0	2.5	9.9	4.9	0.63
Lakhpatt	13.3	8.1	18.0	3.4	0.44
Total		538.3	473.2	1408.4	522.3

DistrictLevel Taluk-wise Data for Kheda ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Thasara	134.2	281.2	486.4	71.6	9.0
Matar	37.3	151.2	336.7	43.6	5.4
Kathlal	27.7	76.4	181.2	23.7	3.1
Mahemdabad	39.3	51.9	135.8	22.6	2.9
Virpur	19.9	76.3	154.6	21.7	2.9
Mahudha	24.7	68.1	145.3	21.1	2.5

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kapadvanj	6.7	35.8	101.7	11.3	1.5
Balasinor	11.6	32.9	78.5	10.4	1.3
Nadiad	1.2	1.6	4.0	0.65	0.084
Kheda	0.18	0.49	1.1	0.17	0.023
Total		302.9	776.0	1625.4	226.8

DistrictLevel Taluk-wise Data for Mahesana ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Mahesana	101.9	120.8	296.8	90.8	12.2
Kadi	52.6	59.9	165.3	73.9	10.2
Vijapur	27.9	33.1	105.3	41.1	5.3
Visnagar	24.7	18.7	62.2	28.0	3.7
Kheralu	7.8	10.6	43.8	21.9	2.8
Vadnagar	9.8	23.1	41.7	6.9	0.94
Becharaji	7.8	5.6	13.6	3.0	0.39
Satlasana	12.0	9.4	15.5	2.3	0.30
Total		244.4	281.3	744.1	267.8

DistrictLevel Taluk-wise Data for Narmada ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Nandod	34.9	45.6	95.8	17.1	2.1
Dediapada	18.1	12.7	34.6	5.4	0.69
Sagbara	4.5	6.1	13.3	2.5	0.33
Tilakwada	3.7	3.1	7.9	1.5	0.19
Total		61.2	67.5	151.7	26.6

DistrictLevel Taluk-wise Data for Navsari ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Chikhli	49.4	117.5	199.0	36.8	4.2
Vansda	19.9	1082.5	66.1	18.9	2.6
Jalalpur	12.0	18.5	41.3	6.8	0.84
Gandevi	2.2	5.5	9.3	1.7	0.19
Navsari	1.5	3.7	6.2	1.1	0.13
Total		85.1	1227.6	321.9	65.3

DistrictLevel Taluk-wise Data for Panchmahal ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Santrampur	46.5	88.1	199.1	31.0	4.2
Lunawada	34.1	55.3	117.7	29.7	3.9
Godhara	40.3	80.5	144.0	25.7	3.0
Morva	27.9	53.9	123.0	18.8	2.5
Shahera	43.2	47.2	119.6	17.5	2.3
Halol	24.6	36.4	83.8	13.7	1.8
Kadana	18.2	35.0	66.6	10.6	1.4
Kalol(Panchmahals)	15.8	27.0	49.7	8.5	1.1
Khanpur	8.3	16.1	35.7	5.6	0.74
Jambughoda	7.4	10.9	21.6	4.6	0.60
Total		266.1	450.3	960.7	165.6

DistrictLevel Taluk-wise Data for Patan ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Santalpur	32.5	31.1	90.1	33.0	4.3
Harij	39.1	37.3	110.2	32.8	4.2
Sami	27.0	22.5	60.1	23.9	3.1
Vagdod	50.3	31.4	73.5	21.5	2.9
Radhanpur	35.6	31.8	79.4	20.2	2.6
Unjha	31.1	38.1	80.1	17.7	2.2

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Chanasma	4.9	5.3	18.2	8.0	1.0
Patan	1.5	1.1	2.7	1.1	0.15
Sidhpur	1.6	1.1	3.0	1.1	0.14
Total		223.6	199.7	517.3	159.3

DistrictLevel Taluk-wise Data for Porbander ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Porbandar	62.5	94.0	166.1	49.1	6.5
Kutiyana	28.6	69.7	61.7	12.9	1.6
Ranavav	17.0	93.1	43.9	12.1	1.6
Total		108.1	256.8	271.7	74.0

DistrictLevel Taluk-wise Data for Rajkot ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Morvi	157.7	205.2	479.0	156.2	21.1
Gondal	90.9	108.5	304.5	103.9	14.1
Jasdan	64.8	64.3	209.1	83.1	11.3
Rajkot	61.0	79.9	224.4	79.8	10.9
Paddhari	48.2	59.6	183.7	73.4	10.1
Jetpur	63.5	95.7	234.5	68.4	9.3
Dhoraji	41.9	41.5	145.5	63.3	8.7
Tankara	63.1	98.7	269.4	62.5	8.2
Lodhika	47.8	53.7	161.6	57.1	7.7
Vankaner	34.7	33.7	103.4	41.9	5.7
Kotdasangani	26.1	33.7	96.0	34.1	4.6
Jamkandorna	27.1	36.4	96.3	33.3	4.5
Upleta	21.6	26.3	70.8	21.8	2.9
Maliya	11.5	13.2	32.8	7.4	0.96
Total		759.8	950.4	2611.0	886.3

DistrictLevel Taluk-wise Data for Sabarkantha ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Modasa	47.0	40.6	179.8	88.2	12.2
Vijaynagar	14.4	6.8	69.0	48.1	6.7
Himatnagar	67.3	86.2	206.5	33.5	4.4
Khedbrahma	60.3	111.4	178.4	33.1	4.4
Prantij	79.1	94.7	187.5	33.0	4.3
Malpur	25.1	15.6	52.8	25.8	3.3
Idar	38.4	26.6	74.2	13.4	1.7
Bhiloda	22.3	27.0	63.7	11.1	1.5
Talod	14.3	19.6	41.8	8.1	1.1
Bayad	6.6	8.2	19.5	3.4	0.46
Meghraj	0.95	0.83	3.4	1.7	0.22
Vadali	3.6	2.0	4.2	1.1	0.14
Malpurmalpur	1.7	2.1	4.9	0.75	0.10
Total		381.0	441.7	1085.8	301.2

DistrictLevel Taluk-wise Data for Surat ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sonagadh	53.7	3279.9	383.7	68.0	9.3
Uchchhal	41.4	2791.5	151.4	37.1	5.2
Kamrej	54.4	1638.8	169.7	34.7	4.6
Choryasi	24.1	197.2	166.8	28.1	3.5
Mandvi	30.4	509.6	110.1	23.5	3.1
Mangrol	29.4	113.7	124.8	24.9	3.0
Vyara	7.5	60.7	173.4	21.6	2.8
Nizar	22.4	59.1	102.9	18.9	2.2
Valod	17.1	48.1	82.0	15.0	1.7
Bardoli	10.5	26.3	46.5	8.5	0.99
Surat City	6.0	129.4	21.4	4.8	0.64
Mahuva	2.8	4.8	10.3	2.1	0.26
Umarpada	1.9	4.3	7.8	1.4	0.17
Palsana	1.5	1.5	3.7	0.61	0.077
Olpad	0.56	0.73	1.7	0.31	0.039
Total		303.6	8865.7	1556.0	289.4

DistrictLevel Taluk-wise Data for Surendranagar ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Halvad	97.0	81.6	390.7	192.8	26.7
Dhrangadhra	102.8	82.8	347.9	156.0	21.5
Limbdi	47.6	21.6	168.9	102.8	14.3
Muli	70.0	48.3	214.8	103.2	14.3
Chuda	32.2	17.2	122.1	72.5	10.1
Vadhvan	55.3	72.0	228.4	69.6	9.4
Sayla	25.6	15.7	110.5	64.1	8.9
Chotila	15.0	6.6	49.6	30.0	4.2
Dasada	38.7	26.3	90.9	29.7	4.1
Lakhtar	10.4	4.5	17.6	6.6	0.92
Total		494.5	376.4	1741.3	827.3

DistrictLevel Taluk-wise Data for The dangs ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Dangs	38.4	35.0	64.5	15.0	1.9
Total		38.4	35.0	64.5	15.0

DistrictLevel Taluk-wise Data for Vadodara ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Karjan	101.2	57.9	338.2	175.7	24.4
Chhota-Udepur	54.2	117.5	413.5	121.4	16.7
Padra	35.6	18.7	154.5	98.9	13.8
Savli	60.9	125.2	382.1	100.8	13.7
Jetpur-Pavi	36.4	114.4	300.6	80.0	11.0
Sankheda	36.4	68.6	184.2	55.2	7.6
Vaghodiya	21.6	157.5	340.0	52.2	7.0
Kawant	12.4	58.6	54.2	31.6	4.4
Dabhoi	32.0	127.5	218.4	29.8	3.9

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Naswadi	43.6	51.5	103.9	27.2	3.4
Vadodara	6.3	38.7	76.6	15.0	2.0
Shinor	1.7	0.62	8.0	5.6	0.78
Total		442.6	936.7	2574.0	793.4

DistrictLevel Taluk-wise Data for Valsad ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Valsad	44.7	126.5	183.6	34.1	3.9
Dharampur	19.1	822.7	82.3	17.4	2.4
Kaprada	20.1	541.2	70.2	15.9	2.0
Umargaon	10.2	126.4	29.9	6.3	0.77
Pardi	2.8	15.8	10.4	2.8	0.36
Total		96.9	1632.6	376.4	76.4

Taluk Level Residue Wise

Taluk level Residue-wise Data for Ahamdabad City ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	1.7	0.88	0.12
Cotton	Stalks	0.16	0.22	0.61	0.43	0.060
Cotton	Bollshell	0.16	0.22	0.25	0.17	0.024
Cotton	Husk	0.16	0.22	0.25	0.17	0.024
Wheat	Pod	0.26	0.35	0.11	0.053	0.0074
Wheat	Stalks	0.26	0.35	0.53	0.053	0.0068
Cuminseed	Stalks	0.0011	0.00032	0.00051	0.00040	5.66E-05
Sugarcane	Tops & Leaves	0.00065	0.012	0.00061	0.00015	2.12E-05
Coconut	Fronds	3.30E-05	4.62E-05	0.00013	6.60E-05	9.24E-06
Coconut	Husk & Pith	3.30E-05	4.62E-05	2.44E-05	1.22E-05	1.59E-06
Coconut	Shell	3.30E-05	4.62E-05	1.01E-05	8.11E-06	1.14E-06
Total		0.42	0.59	3.5	1.8	0.24

Taluk level Residue-wise Data for Barwala ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	41.6	7.2	0.97
Wheat	Pod	16.9	22.8	6.9	3.4	0.48
Wheat	Stalks	16.9	22.8	34.3	3.4	0.45
Gram	Stalks	0.89	0.30	0.33	0.27	0.034
Cuminseed	Stalks	0.21	0.061	0.095	0.076	0.011
Total		18.0	23.2	83.2	14.4	1.9

Taluk level Residue-wise Data for Bavla ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	200.5	84.1	11.6
Cotton	Stalks	13.4	18.8	51.1	35.7	5.0
Cotton	Bollshell	13.4	18.8	20.7	14.5	2.0
Cotton	Husk	13.4	18.8	20.7	14.5	2.0
Bajra	Stalks	23.0	24.4	48.9	4.9	0.64
Bajra	Cobs	23.0	24.4	8.1	4.0	0.52
Wheat	Pod	11.4	15.3	4.6	2.3	0.32
Wheat	Stalks	11.4	15.3	23.0	2.3	0.30
Coconut	Fronks	0.79	1.1	3.2	1.6	0.22
Bajra	Husk	23.0	24.4	7.3	1.8	0.22
Til	Stalks	8.4	3.8	9.3	0.93	0.12
Sugarcane	Tops & Leaves	2.3	42.8	2.1	0.54	0.075
Gram	Stalks	1.2	0.40	0.44	0.35	0.045
Coconut	Husk & Pith	0.79	1.1	0.59	0.29	0.038
Cuminseed	Stalks	0.59	0.17	0.27	0.21	0.030
Coconut	Shell	0.79	1.1	0.24	0.19	0.027
Total		61.0	106.7	401.0	168.3	23.2

Taluk level Residue-wise Data for Daskroi ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	90.7	50.1	7.0
Cotton	Stalks	9.1	12.7	34.6	24.2	3.4
Cotton	Bollshell	9.1	12.7	14.0	9.8	1.4
Cotton	Husk	9.1	12.7	14.0	9.8	1.4
Wheat	Pod	9.2	12.4	3.7	1.9	0.26
Wheat	Stalks	9.2	12.4	18.6	1.9	0.24
Gram	Stalks	6.1	2.1	2.3	1.8	0.24
Paddy	Straw	1.4	1.8	2.7	0.27	0.033
Paddy	Husk	1.4	1.8	0.36	0.29	0.032
Coconut	FronDs	0.095	0.13	0.38	0.19	0.027
Coconut	Husk & Pith	0.095	0.13	0.071	0.035	0.0046
Coconut	Shell	0.095	0.13	0.029	0.023	0.0033
Sugarcane	Tops & Leaves	0.00031	0.0058	0.00029	7.27E-05	1.02E-05
Total		25.9	29.2	181.4	100.3	13.9

Taluk level Residue-wise Data for Detroj-Rampur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	123.5	68.0	9.5
Cotton	Stalks	12.2	17.1	46.5	32.6	4.6
Cotton	Bollshell	12.2	17.1	18.8	13.2	1.8
Cotton	Husk	12.2	17.1	18.8	13.2	1.8
Coconut	FronDs	1.4	1.9	5.5	2.8	0.39
Wheat	Pod	12.4	16.7	5.0	2.5	0.35
Wheat	Stalks	12.4	16.7	25.1	2.5	0.33
Coconut	Husk & Pith	1.4	1.9	1.0	0.51	0.066
Coconut	Shell	1.4	1.9	0.42	0.34	0.047
Sugarcane	Tops & Leaves	0.57	10.7	0.54	0.13	0.019
Paddy	Straw	0.80	1.0	1.5	0.15	0.018
Paddy	Husk	0.80	1.0	0.20	0.16	0.018
Gram	Stalks	0.071	0.024	0.026	0.021	0.0027
Cuminseed	Stalks	0.00047	0.00014	0.00021	0.00017	2.41E-05
Total		27.4	47.5	247.0	136.0	19.0

Taluk level Residue-wise Data for Dhandhuka ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	25.3	5.5	0.74
Wheat	Pod	9.6	12.9	3.9	1.9	0.27
Wheat	Stalks	9.6	12.9	19.4	1.9	0.25
Gram	Stalks	3.6	1.2	1.4	1.1	0.14
Cuminseed	Stalks	1.4	0.41	0.65	0.52	0.073
Total		14.6	14.6	50.6	11.0	1.5

Taluk level Residue-wise Data for Dholka ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	322.3	210.0	29.3
Cotton	Stalks	41.6	58.2	157.9	110.5	15.5
Cotton	Bollshell	41.6	58.2	63.9	44.7	6.3
Cotton	Husk	41.6	58.2	63.9	44.7	6.3
Cuminseed	Stalks	10.1	2.9	4.6	3.7	0.51
Wheat	Pod	6.5	8.8	2.6	1.3	0.19
Wheat	Stalks	6.5	8.8	13.2	1.3	0.17
Bajra	Stalks	4.5	4.8	9.6	0.96	0.13
Bajra	Cobs	4.5	4.8	1.6	0.79	0.10
Gram	Stalks	2.3	0.77	0.84	0.67	0.087
Coconut	FronDs	0.22	0.30	0.86	0.43	0.060
Bajra	Husk	4.5	4.8	1.4	0.36	0.043
Paddy	Straw	0.69	0.87	1.3	0.13	0.016
Paddy	Husk	0.69	0.87	0.17	0.14	0.015
Coconut	Husk & Pith	0.22	0.30	0.16	0.080	0.010
Coconut	Shell	0.22	0.30	0.066	0.053	0.0074
Sugarcane	Tops & Leaves	0.0019	0.035	0.0018	0.00044	6.19E-05
Total		65.8	76.7	644.5	419.9	58.7

Taluk level Residue-wise Data for Mandal ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	49.6	12.5	1.6
Paddy	Straw	18.4	23.1	34.6	3.5	0.42
Paddy	Husk	18.4	23.1	4.6	3.7	0.41
Coconut	FronDs	1.3	1.8	5.1	2.6	0.36
Cotton	Stalks	0.27	0.38	1.0	0.72	0.10
Coconut	Husk & Pith	1.3	1.8	0.95	0.47	0.062
Gram	Stalks	1.5	0.53	0.58	0.46	0.060
Coconut	Shell	1.3	1.8	0.39	0.32	0.044
Cotton	Bollshell	0.27	0.38	0.42	0.29	0.041
Cotton	Husk	0.27	0.38	0.42	0.29	0.041
Sugarcane	Tops & Leaves	0.50	9.4	0.47	0.12	0.016
Wheat	Pod	0.42	0.56	0.17	0.084	0.012
Wheat	Stalks	0.42	0.56	0.84	0.084	0.011
Total		22.4	35.8	99.2	25.1	3.1

Taluk level Residue-wise Data for Ranpur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	29.0	5.1	0.68
Wheat	Pod	7.6	10.2	3.1	1.5	0.22
Wheat	Stalks	7.6	10.2	15.4	1.5	0.20
Bajra	Stalks	2.9	3.1	6.2	0.62	0.081
Bajra	Cobs	2.9	3.1	1.0	0.52	0.067
Gram	Stalks	1.00	0.34	0.37	0.30	0.039
Bajra	Husk	2.9	3.1	0.94	0.23	0.028
Paddy	Straw	0.89	1.1	1.7	0.17	0.020
Paddy	Husk	0.89	1.1	0.22	0.18	0.020
Cuminseed	Stalks	0.11	0.032	0.050	0.040	0.0056
Total		12.5	14.8	58.0	10.3	1.4

Taluk level Residue-wise Data for Sanand ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	302.1	163.0	22.7
Cotton	Stalks	29.8	41.7	113.2	79.2	11.1
Cotton	Bollshell	29.8	41.7	45.8	32.1	4.5
Cotton	Husk	29.8	41.7	45.8	32.1	4.5
Wheat	Pod	30.6	41.3	12.4	6.2	0.87
Wheat	Stalks	30.6	41.3	62.0	6.2	0.81
Coconut	FronDs	1.9	2.7	7.7	3.9	0.54
Til	Stalks	7.0	3.1	7.8	0.78	0.10
Coconut	Husk & Pith	1.9	2.7	1.4	0.71	0.093
Coconut	Shell	1.9	2.7	0.59	0.47	0.066
Paddy	Straw	1.8	2.3	3.5	0.35	0.042
Gram	Stalks	1.1	0.36	0.40	0.32	0.041
Paddy	Husk	1.8	2.3	0.46	0.37	0.041
Cuminseed	Stalks	0.69	0.20	0.31	0.25	0.035
Sugarcane	Tops & Leaves	0.87	16.3	0.81	0.20	0.028
Total		73.7	108.0	604.1	326.0	45.5

Taluk level Residue-wise Data for Viramgam ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	161.3	37.5	4.6
Paddy	Straw	63.8	80.3	120.1	12.0	1.4
Paddy	Husk	63.8	80.3	16.0	12.8	1.4
Cotton	Stalks	2.0	2.8	7.5	5.2	0.73
Cotton	Bollshell	2.0	2.8	3.0	2.1	0.30
Cotton	Husk	2.0	2.8	3.0	2.1	0.30
Coconut	FronDs	0.70	0.98	2.8	1.4	0.20
Wheat	Pod	2.3	3.1	0.93	0.47	0.065
Wheat	Stalks	2.3	3.1	4.7	0.47	0.061
Coconut	Husk & Pith	0.70	0.98	0.52	0.26	0.034
Coconut	Shell	0.70	0.98	0.22	0.17	0.024
Sugarcane	Tops & Leaves	0.68	12.8	0.64	0.16	0.022
Banana	Residue	0.17	0.56	1.7	0.17	0.022

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cuminseed	Stalks	0.24	0.069	0.11	0.086	0.012
Gram	Stalks	0.19	0.065	0.071	0.057	0.0074
Total		70.0	100.7	322.6	75.0	9.2

Taluk level Residue-wise Data for Amreli ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	111.8	21.2	2.7
Groundnut	Stalks	64.6	46.5	92.7	9.3	1.2
Groundnut	Shell	64.6	46.5	13.9	9.7	1.2
Coconut	FronDs	0.53	2.2	2.1	1.1	0.15
Coconut	Husk & Pith	0.53	2.2	1.2	0.59	0.077
Coconut	Shell	0.53	2.2	0.49	0.39	0.055
Bajra	Stalks	0.18	0.34	0.68	0.068	0.0089
Bajra	Cobs	0.18	0.34	0.11	0.056	0.0073
Til	Stalks	0.37	0.21	0.52	0.052	0.0068
Bajra	Husk	0.18	0.34	0.10	0.026	0.0031
Total		65.7	49.3	223.5	42.5	5.4

Taluk level Residue-wise Data for Babra ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	119.6	48.1	6.6
Cotton	Stalks	7.0	10.0	26.7	18.7	2.6
Cotton	Bollshell	7.0	10.0	11.1	7.8	1.1
Cotton	Husk	7.0	10.0	11.1	7.8	1.1
Groundnut	Stalks	32.3	23.2	46.3	4.6	0.60
Groundnut	Shell	32.3	23.2	6.9	4.9	0.58
Coconut	FronDs	0.63	2.7	2.5	1.3	0.18
Bajra	Stalks	1.9	3.5	7.1	0.71	0.092
Coconut	Husk & Pith	0.63	2.7	1.4	0.70	0.091
Bajra	Cobs	1.9	3.5	1.2	0.59	0.076
Coconut	Shell	0.63	2.7	0.58	0.47	0.065
Til	Stalks	2.3	1.3	3.2	0.32	0.042

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Husk	1.9	3.5	1.1	0.27	0.032
Sugarcane	Tops & Leaves	0.60	10.3	0.51	0.13	0.018
Total		44.7	51.0	239.2	96.2	13.1

Taluk level Residue-wise Data for Bagasara ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	49.3	11.9	1.5
Groundnut	Stalks	25.8	18.5	36.9	3.7	0.48
Groundnut	Shell	25.8	18.5	5.5	3.9	0.47
Cotton	Stalks	0.85	1.2	3.2	2.3	0.32
Cotton	Bollshell	0.85	1.2	1.3	0.94	0.13
Cotton	Husk	0.85	1.2	1.3	0.94	0.13
Bajra	Stalks	0.12	0.22	0.45	0.045	0.0058
Bajra	Cobs	0.12	0.22	0.073	0.037	0.0048
Til	Stalks	0.21	0.12	0.29	0.029	0.0038
Bajra	Husk	0.12	0.22	0.067	0.017	0.0020
Total		26.9	20.1	98.6	23.7	3.1

Taluk level Residue-wise Data for Dhari ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	102.2	29.5	3.9
Cotton	Stalks	3.1	4.5	11.9	8.3	1.2
Groundnut	Stalks	39.9	28.7	57.2	5.7	0.74
Groundnut	Shell	39.9	28.7	8.6	6.0	0.72
Cotton	Bollshell	3.1	4.5	4.9	3.5	0.48
Cotton	Husk	3.1	4.5	4.9	3.5	0.48
Sugarcane	Tops & Leaves	4.2	71.9	3.6	0.90	0.13
Bajra	Stalks	1.1	2.0	4.0	0.40	0.053
Til	Stalks	2.5	1.4	3.6	0.36	0.046

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Cobs	1.1	2.0	0.67	0.33	0.043
Wheat	Pod	0.51	1.3	0.38	0.19	0.026
Wheat	Stalks	0.51	1.3	1.9	0.19	0.024
Bajra	Husk	1.1	2.0	0.61	0.15	0.018
Total		51.3	109.7	204.4	58.9	7.9

Taluk level Residue-wise Data for Jafrabad ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	181.2	79.2	11.0
Cotton	Stalks	13.1	18.8	50.0	35.0	4.9
Cotton	Bollshell	13.1	18.8	20.7	14.5	2.0
Cotton	Husk	13.1	18.8	20.7	14.5	2.0
Wheat	Pod	13.1	31.9	9.6	4.8	0.67
Wheat	Stalks	13.1	31.9	47.9	4.8	0.62
Groundnut	Stalks	17.0	12.2	24.4	2.4	0.32
Groundnut	Shell	17.0	12.2	3.7	2.6	0.31
Bajra	Stalks	0.74	1.4	2.7	0.27	0.036
Bajra	Cobs	0.74	1.4	0.45	0.23	0.029
Bajra	Husk	0.74	1.4	0.41	0.10	0.012
Til	Stalks	0.46	0.26	0.65	0.065	0.0084
Total		44.4	64.6	362.3	158.5	21.9

Taluk level Residue-wise Data for Khambha ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	183.7	31.6	4.1
Bajra	Stalks	34.6	64.1	128.4	12.8	1.7
Bajra	Cobs	34.6	64.1	21.2	10.6	1.4
Bajra	Husk	34.6	64.1	19.3	4.8	0.58
Groundnut	Stalks	6.5	4.7	9.4	0.94	0.12
Groundnut	Shell	6.5	4.7	1.4	0.98	0.12
Cotton	Stalks	0.25	0.35	0.94	0.65	0.092
Cotton	Bollshell	0.25	0.35	0.39	0.27	0.038

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Husk	0.25	0.35	0.39	0.27	0.038
Til	Stalks	1.7	0.95	2.4	0.24	0.031
Total		43.1	70.1	367.5	63.2	8.1

Taluk level Residue-wise Data for Lathi ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	152.4	63.7	8.8
Cotton	Stalks	10.8	15.4	41.0	28.7	4.0
Cotton	Bollshell	10.8	15.4	17.0	11.9	1.7
Cotton	Husk	10.8	15.4	17.0	11.9	1.7
Til	Stalks	28.2	15.8	39.9	4.0	0.52
Groundnut	Stalks	17.7	12.7	25.3	2.5	0.33
Groundnut	Shell	17.7	12.7	3.8	2.7	0.32
Sugarcane	Tops & Leaves	8.1	138.6	6.9	1.7	0.24
Bajra	Stalks	0.29	0.54	1.1	0.11	0.014
Bajra	Cobs	0.29	0.54	0.18	0.090	0.012
Bajra	Husk	0.29	0.54	0.16	0.041	0.0049
Total		65.1	183.1	304.7	127.3	17.6

Taluk level Residue-wise Data for Liliya ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	55.6	10.6	1.4
Groundnut	Stalks	27.0	19.5	38.7	3.9	0.50
Groundnut	Shell	27.0	19.5	5.8	4.1	0.49
Sugarcane	Tops & Leaves	11.7	200.7	10.0	2.5	0.35
Bajra	Stalks	0.18	0.34	0.68	0.068	0.0089
Bajra	Cobs	0.18	0.34	0.11	0.056	0.0073
Bajra	Husk	0.18	0.34	0.10	0.026	0.0031
Til	Stalks	0.10	0.058	0.15	0.015	0.0019
Cotton	Stalks	0.00060	0.00085	0.0023	0.0016	0.00022
Cotton	Bollshell	0.00060	0.00085	0.00094	0.00066	9.21E-05
Cotton	Husk	0.00060	0.00085	0.00094	0.00066	9.21E-05
Total		39.0	220.5	111.3	21.2	2.7

Taluk level Residue-wise Data for Rajula ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	79.2	18.8	2.4
Groundnut	Stalks	40.9	29.5	58.7	5.9	0.76
Groundnut	Shell	40.9	29.5	8.8	6.2	0.74
Cotton	Stalks	1.3	1.9	5.0	3.5	0.49
Cotton	Bollshell	1.3	1.9	2.1	1.5	0.20
Cotton	Husk	1.3	1.9	2.1	1.5	0.20
Bajra	Stalks	0.34	0.63	1.3	0.13	0.016
Bajra	Cobs	0.34	0.63	0.21	0.10	0.013
Til	Stalks	0.64	0.36	0.91	0.091	0.012
Bajra	Husk	0.34	0.63	0.19	0.047	0.0057
Total		43.2	32.3	158.4	37.6	4.9

Taluk level Residue-wise Data for Savarkundla ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	132.6	41.2	5.5
Cotton	Stalks	5.0	7.2	19.1	13.4	1.9
Groundnut	Stalks	46.0	33.1	65.9	6.6	0.86
Groundnut	Shell	46.0	33.1	9.9	6.9	0.83
Cotton	Bollshell	5.0	7.2	7.9	5.6	0.78
Cotton	Husk	5.0	7.2	7.9	5.6	0.78
Til	Stalks	7.1	4.0	10.0	1.00	0.13
Sugarcane	Tops & Leaves	2.9	49.4	2.5	0.62	0.086
Bajra	Stalks	1.5	2.8	5.5	0.55	0.072
Bajra	Cobs	1.5	2.8	0.91	0.46	0.059
Bajra	Husk	1.5	2.8	0.83	0.21	0.025
Wheat	Pod	0.47	1.1	0.34	0.17	0.024
Wheat	Stalks	0.47	1.1	1.7	0.17	0.022
Total		62.9	97.6	265.2	82.4	11.1

Taluk level Residue-wise Data for Vadia ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	322.1	225.2	31.5
Cotton	Stalks	46.3	66.1	175.8	123.0	17.2
Cotton	Bollshell	46.3	66.1	72.9	51.1	7.1
Cotton	Husk	46.3	66.1	72.9	51.1	7.1
Bajra	Stalks	0.066	0.12	0.24	0.024	0.0032
Bajra	Cobs	0.066	0.12	0.040	0.020	0.0026
Groundnut	Stalks	0.060	0.043	0.086	0.0086	0.0011
Bajra	Husk	0.066	0.12	0.036	0.0091	0.0011
Groundnut	Shell	0.060	0.043	0.013	0.0090	0.0011
Til	Stalks	0.00086	0.00048	0.0012	0.00012	1.58E-05
Total		46.4	66.3	644.1	450.5	63.1

Taluk level Residue-wise Data for Anand ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	208.5	32.0	3.8
Paddy	Straw	40.0	79.6	119.4	11.9	1.4
Paddy	Husk	40.0	79.6	15.9	12.7	1.4
Tobacco	Stalks	39.8	73.2	73.2	7.3	0.95
Cotton	Stalks	0.00032	0.00011	0.0012	0.00086	0.00012
Cotton	Bollshell	0.00032	0.00011	0.00012	8.48E-05	1.19E-05
Cotton	Husk	0.00032	0.00011	0.00012	8.48E-05	1.19E-05
Wheat	Pod	0.00015	0.00030	8.95E-05	4.47E-05	6.26E-06
Wheat	Stalks	0.00015	0.00030	0.00045	4.47E-05	5.82E-06
Bajra	Stalks	6.00E-06	2.40E-07	5.15E-07	5.15E-08	6.70E-09
Bajra	Cobs	6.00E-06	2.40E-07	8.50E-08	4.25E-08	5.53E-09
Bajra	Husk	6.00E-06	2.40E-07	7.73E-08	1.93E-08	2.32E-09
Total		79.8	152.8	417.0	64.0	7.6

Taluk level Residue-wise Data for Anklay ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	8.2	1.1	0.13
Banana	Residue	0.028	1.8	5.3	0.53	0.069
Paddy	Straw	0.77	1.5	2.3	0.23	0.027
Paddy	Husk	0.77	1.5	0.31	0.24	0.027
Cotton	Stalks	0.0091	0.0031	0.035	0.024	0.0034
Wheat	Pod	0.057	0.11	0.033	0.017	0.0023
Wheat	Stalks	0.057	0.11	0.17	0.017	0.0022
Bajra	Stalks	0.34	0.013	0.029	0.0029	0.00037
Cotton	Bollshell	0.0091	0.0031	0.0034	0.0024	0.00034
Cotton	Husk	0.0091	0.0031	0.0034	0.0024	0.00034
Bajra	Cobs	0.34	0.013	0.0047	0.0024	0.00031
Bajra	Husk	0.34	0.013	0.0043	0.0011	0.00013
Total		1.2	3.4	16.4	2.1	0.27

Taluk level Residue-wise Data for Borsad ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	7.9	1.4	0.17
Paddy	Straw	2.0	3.9	5.9	0.59	0.071
Paddy	Husk	2.0	3.9	0.78	0.63	0.069
Wheat	Pod	0.33	0.64	0.19	0.096	0.013
Wheat	Stalks	0.33	0.64	0.96	0.096	0.012
Bajra	Stalks	0.47	0.019	0.040	0.0040	0.00052
Bajra	Cobs	0.47	0.019	0.0067	0.0033	0.00043
Bajra	Husk	0.47	0.019	0.0061	0.0015	0.00018
Banana	Residue	3.60E-05	0.0022	0.0067	0.00067	8.76E-05
Cotton	Stalks	0.00019	6.29E-05	0.00070	0.00049	6.89E-05
Cotton	Bollshell	0.00019	6.29E-05	6.92E-05	4.84E-05	6.78E-06
Cotton	Husk	0.00019	6.29E-05	6.92E-05	4.84E-05	6.78E-06
Total		2.8	4.6	15.7	2.8	0.33

Taluk level Residue-wise Data for Khambhat ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	468.5	51.1	6.5
Banana	Residue	2.2	139.2	417.7	41.8	5.4
Paddy	Straw	12.7	25.3	38.0	3.8	0.46
Paddy	Husk	12.7	25.3	5.1	4.1	0.45
Wheat	Pod	1.2	2.3	0.68	0.34	0.047
Wheat	Stalks	1.2	2.3	3.4	0.34	0.044
Bajra	Stalks	26.4	1.1	2.3	0.23	0.030
Cotton	Stalks	0.073	0.025	0.28	0.19	0.027
Bajra	Cobs	26.4	1.1	0.37	0.19	0.024
Sugarcane	Tops & Leaves	0.12	9.4	0.47	0.12	0.016
Bajra	Husk	26.4	1.1	0.34	0.085	0.010
Cotton	Bollshell	0.073	0.025	0.027	0.019	0.0027
Cotton	Husk	0.073	0.025	0.027	0.019	0.0027
Total		42.8	177.2	937.1	102.3	13.1

Taluk level Residue-wise Data for Petlad ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	0.69	0.13	0.015
Paddy	Straw	0.19	0.39	0.58	0.058	0.0070
Paddy	Husk	0.19	0.39	0.077	0.062	0.0068
Bajra	Stalks	0.23	0.0093	0.020	0.0020	0.00026
Bajra	Cobs	0.23	0.0093	0.0033	0.0017	0.00021
Cotton	Stalks	0.00035	0.00012	0.0013	0.00093	0.00013
Banana	Residue	4.30E-05	0.0027	0.0081	0.00081	0.00010
Bajra	Husk	0.23	0.0093	0.0030	0.00075	9.02E-05
Cotton	Bollshell	0.00035	0.00012	0.00013	9.19E-05	1.29E-05
Cotton	Husk	0.00035	0.00012	0.00013	9.19E-05	1.29E-05
Wheat	Pod	2.20E-05	4.27E-05	1.28E-05	6.39E-06	8.95E-07
Wheat	Stalks	2.20E-05	4.27E-05	6.39E-05	6.39E-06	8.31E-07
Total		0.43	0.40	1.4	0.25	0.029

Taluk level Residue-wise Data for Sojitra ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	0.059	0.0076	0.0010
Banana	Residue	0.00027	0.017	0.050	0.0050	0.00065
Cotton	Stalks	0.00046	0.00016	0.0018	0.0012	0.00017
Bajra	Stalks	0.039	0.0016	0.0034	0.00034	4.36E-05
Bajra	Cobs	0.039	0.0016	0.00055	0.00028	3.60E-05
Wheat	Pod	0.00044	0.00085	0.00025	0.00013	1.78E-05
Cotton	Bollshell	0.00046	0.00016	0.00017	0.00012	1.70E-05
Cotton	Husk	0.00046	0.00016	0.00017	0.00012	1.70E-05
Wheat	Stalks	0.00044	0.00085	0.0013	0.00013	1.65E-05
Bajra	Husk	0.039	0.0016	0.00050	0.00013	1.51E-05
Paddy	Straw	0.00025	0.00049	0.00073	7.34E-05	8.81E-06
Paddy	Husk	0.00025	0.00049	9.79E-05	7.83E-05	8.61E-06
Total		0.040	0.020	0.12	0.015	0.0020

Taluk level Residue-wise Data for Tarapur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	175.2	24.8	3.1
Banana	Residue	0.39	24.3	72.9	7.3	0.95
Paddy	Straw	17.1	34.0	51.0	5.1	0.61
Paddy	Husk	17.1	34.0	6.8	5.4	0.60
Wheat	Pod	9.2	17.8	5.3	2.7	0.37
Wheat	Stalks	9.2	17.8	26.7	2.7	0.35
Tobacco	Stalks	5.9	10.8	10.8	1.1	0.14
Sugarcane	Tops & Leaves	0.19	14.7	0.74	0.18	0.026
Coconut	Fronds	0.081	0.27	0.33	0.16	0.023
Coconut	Husk & Pith	0.081	0.27	0.14	0.072	0.0093
Coconut	Shell	0.081	0.27	0.060	0.048	0.0067
Bajra	Stalks	3.2	0.13	0.28	0.028	0.0036
Bajra	Cobs	3.2	0.13	0.046	0.023	0.0030
Bajra	Husk	3.2	0.13	0.042	0.010	0.0012
Cotton	Stalks	0.00048	0.00016	0.0018	0.0013	0.00018
Cotton	Bollshell	0.00048	0.00016	0.00018	0.00013	1.77E-05
Cotton	Husk	0.00048	0.00016	0.00018	0.00013	1.77E-05
Total		36.1	102.1	350.4	49.6	6.2

Taluk level Residue-wise Data for Umreth ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	87.5	14.6	2.0
Wheat	Pod	24.6	47.8	14.3	7.2	1.0
Wheat	Stalks	24.6	47.8	71.6	7.2	0.93
Paddy	Straw	0.45	0.90	1.3	0.13	0.016
Paddy	Husk	0.45	0.90	0.18	0.14	0.016
Banana	Residue	8.10E-05	0.0051	0.015	0.0015	0.00020
Cotton	Stalks	0.00032	0.00011	0.0012	0.00085	0.00012
Cotton	Bollshell	0.00032	0.00011	0.00012	8.35E-05	1.17E-05
Cotton	Husk	0.00032	0.00011	0.00012	8.35E-05	1.17E-05
Bajra	Stalks	2.20E-05	8.80E-07	1.89E-06	1.89E-07	2.46E-08
Bajra	Cobs	2.20E-05	8.80E-07	3.12E-07	1.56E-07	2.03E-08
Bajra	Husk	2.20E-05	8.80E-07	2.83E-07	7.08E-08	8.50E-09
Total		25.1	48.7	174.9	29.2	3.9

Taluk level Residue-wise Data for Amirgadh ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	42.7	16.6	2.2
Guar	Stalks	15.3	4.9	10.0	7.0	0.98
Castorseed	Stalks	2.7	3.5	14.0	7.0	0.91
Wheat	Pod	2.6	5.6	1.7	0.84	0.12
Wheat	Stalks	2.6	5.6	8.4	0.84	0.11
Til	Stalks	9.9	3.4	8.4	0.84	0.11
Castorseed	Husk	2.7	3.5	0.35	0.17	0.021
Sugarcane	Tops & Leaves	0.00028	0.014	0.00071	0.00018	2.49E-05
Total		30.5	17.4	85.4	33.3	4.5

Taluk level Residue-wise Data for Bhabhar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	145.4	69.7	9.0
Castorseed	Stalks	25.7	33.1	132.7	66.3	8.6
Castorseed	Husk	25.7	33.1	3.3	1.7	0.20
Guar	Stalks	1.1	0.35	0.71	0.50	0.070
Wheat	Pod	1.2	2.5	0.74	0.37	0.052
Wheat	Stalks	1.2	2.5	3.7	0.37	0.048
Moong	Stalks	9.2	3.0	3.2	0.32	0.042
Til	Stalks	0.74	0.25	0.62	0.062	0.0081
Moong	Husk	9.2	3.0	0.44	0.044	0.0053
Coconut	FronDs	2.10E-05	6.07E-05	8.40E-05	4.20E-05	5.88E-06
Coconut	Husk & Pith	2.10E-05	6.07E-05	3.22E-05	1.61E-05	2.09E-06
Coconut	Shell	2.10E-05	6.07E-05	1.34E-05	1.07E-05	1.50E-06
Total		37.9	39.2	290.9	139.3	18.1

Taluk level Residue-wise Data for Danta ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	26.3	8.3	1.1
Guar	Stalks	7.6	2.4	4.9	3.4	0.48
Castorseed	Stalks	0.83	1.1	4.3	2.1	0.28
Wheat	Pod	3.6	7.7	2.3	1.2	0.16
Wheat	Stalks	3.6	7.7	11.5	1.2	0.15
Til	Stalks	3.7	1.3	3.1	0.31	0.041
Castorseed	Husk	0.83	1.1	0.11	0.053	0.0064
Coconut	FronDs	0.0017	0.0048	0.0066	0.0033	0.00046
Coconut	Husk & Pith	0.0017	0.0048	0.0025	0.0013	0.00016
Coconut	Shell	0.0017	0.0048	0.0010	0.00084	0.00012
Sugarcane	Tops & Leaves	0.0013	0.065	0.0032	0.00081	0.00011
Total		15.7	12.5	52.6	16.5	2.2

Taluk level Residue-wise Data for Dantiwada ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	148.1	92.8	12.7
Cotton	Stalks	21.5	5.6	81.9	57.3	8.0
Castorseed	Stalks	9.8	12.6	50.5	25.3	3.3
Cotton	Bollshell	21.5	5.6	6.2	4.3	0.60
Cotton	Husk	21.5	5.6	6.2	4.3	0.60
Guar	Stalks	1.8	0.57	1.2	0.81	0.11
Castorseed	Husk	9.8	12.6	1.3	0.63	0.076
Wheat	Pod	0.23	0.49	0.15	0.073	0.010
Wheat	Stalks	0.23	0.49	0.73	0.073	0.0095
Til	Stalks	0.038	0.013	0.032	0.0032	0.00041
Total		33.4	19.3	296.1	185.6	25.5

Taluk level Residue-wise Data for Deesa ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	374.9	63.0	8.1
Bajra	Stalks	144.8	141.9	284.4	28.4	3.7
Bajra	Cobs	144.8	141.9	46.9	23.5	3.1
Bajra	Husk	144.8	141.9	42.7	10.7	1.3
Guar	Stalks	0.78	0.25	0.51	0.36	0.050
Wheat	Pod	0.060	0.13	0.038	0.019	0.0027
Til	Stalks	0.24	0.083	0.21	0.021	0.0027
Wheat	Stalks	0.060	0.13	0.19	0.019	0.0025
Coconut	FronDs	0.00073	0.0021	0.0029	0.0015	0.00020
Coconut	Husk & Pith	0.00073	0.0021	0.0011	0.00056	7.26E-05
Coconut	Shell	0.00073	0.0021	0.00046	0.00037	5.19E-05
Total		145.9	142.4	749.9	126.0	16.2

Taluk level Residue-wise Data for Deodar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	160.4	26.8	3.4
Bajra	Stalks	62.0	60.8	121.9	12.2	1.6
Bajra	Cobs	62.0	60.8	20.1	10.1	1.3
Bajra	Husk	62.0	60.8	18.3	4.6	0.55
Til	Stalks	0.13	0.043	0.11	0.011	0.0014
Total		62.2	60.9	320.7	53.6	6.9

Taluk level Residue-wise Data for Dhanera ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	1.6	0.24	0.032
Wheat	Pod	0.31	0.67	0.20	0.10	0.014
Wheat	Stalks	0.31	0.67	1.0	0.10	0.013
Til	Stalks	0.45	0.15	0.38	0.038	0.0050
Total		0.77	0.82	3.2	0.48	0.064

Taluk level Residue-wise Data for Kankrej ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	64.8	41.0	5.7
Guar	Stalks	75.5	24.1	49.0	34.3	4.8
Castorseed	Stalks	2.3	3.0	11.9	6.0	0.77
Wheat	Pod	0.83	1.8	0.53	0.26	0.037
Wheat	Stalks	0.83	1.8	2.6	0.26	0.034
Castorseed	Husk	2.3	3.0	0.30	0.15	0.018
Til	Stalks	0.44	0.15	0.37	0.037	0.0048
Coconut	FronDs	0.0016	0.0046	0.0063	0.0032	0.00044
Coconut	Husk & Pith	0.0016	0.0046	0.0024	0.0012	0.00016
Sugarcane	Tops & Leaves	0.0014	0.071	0.0036	0.00089	0.00012
Coconut	Shell	0.0016	0.0046	0.0010	0.00081	0.00011
Total		79.0	29.1	129.6	82.0	11.4

Taluk level Residue-wise Data for Palanpur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	8.6	4.1	0.54
Castorseed	Stalks	1.3	1.6	6.6	3.3	0.43
Guar	Stalks	1.4	0.43	0.88	0.62	0.086
Til	Stalks	0.91	0.31	0.77	0.077	0.0100
Castorseed	Husk	1.3	1.6	0.16	0.082	0.0099
Wheat	Pod	0.052	0.11	0.033	0.017	0.0023
Wheat	Stalks	0.052	0.11	0.17	0.017	0.0022
Coconut	FronDs	0.0046	0.013	0.018	0.0092	0.0013
Coconut	Husk & Pith	0.0046	0.013	0.0070	0.0035	0.00046
Coconut	Shell	0.0046	0.013	0.0029	0.0023	0.00033
Sugarcane	Tops & Leaves	0.0011	0.054	0.0027	0.00067	9.44E-05
Total		3.6	2.6	17.2	8.2	1.1

Taluk level Residue-wise Data for Tharad ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	62.1	19.5	2.6
Castorseed	Stalks	4.5	5.9	23.5	11.7	1.5
Wheat	Pod	5.8	12.3	3.7	1.8	0.26
Wheat	Stalks	5.8	12.3	18.4	1.8	0.24
Cotton	Stalks	0.45	0.12	1.7	1.2	0.17
Guar	Stalks	2.5	0.80	1.6	1.1	0.16
Moong	Stalks	25.2	8.1	8.8	0.88	0.11
Castorseed	Husk	4.5	5.9	0.59	0.29	0.035
Til	Stalks	2.5	0.85	2.1	0.21	0.027
Moong	Husk	25.2	8.1	1.2	0.12	0.014
Cotton	Bollshell	0.45	0.12	0.13	0.090	0.013
Cotton	Husk	0.45	0.12	0.13	0.090	0.013
Sugarcane	Tops & Leaves	0.096	4.8	0.24	0.060	0.0084
Coconut	FronDs	0.0017	0.0049	0.0067	0.0034	0.00047
Coconut	Husk & Pith	0.0017	0.0049	0.0026	0.0013	0.00017
Coconut	Shell	0.0017	0.0049	0.0011	0.00085	0.00012
Total		41.1	32.8	124.2	39.0	5.1

Taluk level Residue-wise Data for Vadgam ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	2.5	0.27	0.036
Til	Stalks	2.4	0.81	2.0	0.20	0.026
Wheat	Pod	0.11	0.24	0.073	0.036	0.0051
Wheat	Stalks	0.11	0.24	0.36	0.036	0.0047
Total		2.5	1.1	4.9	0.55	0.072

Taluk level Residue-wise Data for Vav ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	230.5	90.4	12.0
Castorseed	Stalks	23.1	29.8	119.3	59.6	7.8
Guar	Stalks	18.7	6.0	12.2	8.5	1.2
Wheat	Pod	21.1	45.0	13.5	6.8	0.95
Wheat	Stalks	21.1	45.0	67.5	6.8	0.88
Cotton	Stalks	2.2	0.57	8.4	5.9	0.82
Castorseed	Husk	23.1	29.8	3.0	1.5	0.18
Cotton	Bollshell	2.2	0.57	0.63	0.44	0.062
Cotton	Husk	2.2	0.57	0.63	0.44	0.062
Til	Stalks	5.4	1.9	4.6	0.46	0.060
Moong	Stalks	2.2	0.71	0.77	0.077	0.010
Moong	Husk	2.2	0.71	0.10	0.010	0.0013
Total		72.8	83.9	461.1	180.9	23.9

Taluk level Residue-wise Data for Amod ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	123.6	66.4	9.2
Cotton	Stalks	18.4	6.3	70.1	49.1	6.9
Cotton	Bollshell	18.4	6.3	6.9	4.8	0.68
Cotton	Husk	18.4	6.3	6.9	4.8	0.68
Wheat	Pod	9.7	13.1	3.9	2.0	0.27
Wheat	Stalks	9.7	13.1	19.6	2.0	0.26
Jowar	Stalks	4.8	5.4	9.1	1.8	0.24
Sugarcane	Tops & Leaves	1.3	65.6	3.3	0.82	0.11
Jowar	Cobs	4.8	5.4	2.7	0.54	0.075
Jowar	Husk	4.8	5.4	1.1	0.54	0.065
Coconut	FronDs	5.00E-06	1.64E-05	2.00E-05	1.00E-05	1.40E-06
Coconut	Husk & Pith	5.00E-06	1.64E-05	8.67E-06	4.33E-06	5.63E-07
Coconut	Shell	5.00E-06	1.64E-05	3.60E-06	2.88E-06	4.03E-07
Total		34.2	90.3	247.2	132.7	18.5

Taluk level Residue-wise Data for Ankleshwar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	147.0	47.8	6.6
Cotton	Stalks	10.9	3.7	41.4	29.0	4.1
Banana	Residue	0.40	24.6	73.7	7.4	0.96
Sugarcane	Tops & Leaves	8.5	432.5	21.6	5.4	0.76
Cotton	Bollshell	10.9	3.7	4.1	2.9	0.40
Cotton	Husk	10.9	3.7	4.1	2.9	0.40
Arhar	Stalks	0.93	0.59	1.5	0.15	0.019
Arhar	Husk	0.93	0.59	0.18	0.089	0.011
Jowar	Stalks	0.20	0.23	0.39	0.078	0.010
Jowar	Cobs	0.20	0.23	0.11	0.023	0.0032
Jowar	Husk	0.20	0.23	0.046	0.023	0.0027
Coconut	FronDs	3.00E-06	9.81E-06	1.20E-05	6.00E-06	8.40E-07
Coconut	Husk & Pith	3.00E-06	9.81E-06	5.20E-06	2.60E-06	3.38E-07
Coconut	Shell	3.00E-06	9.81E-06	2.16E-06	1.73E-06	2.42E-07
Total		20.9	461.6	294.0	95.6	13.2

Taluk level Residue-wise Data for Bharuch ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	159.1	79.3	11.0
Cotton	Stalks	21.4	7.3	81.3	56.9	8.0
Cotton	Bollshell	21.4	7.3	8.0	5.6	0.78
Cotton	Husk	21.4	7.3	8.0	5.6	0.78
Wheat	Pod	8.9	12.0	3.6	1.8	0.25
Paddy	Straw	8.9	13.8	20.8	2.1	0.25
Paddy	Husk	8.9	13.8	2.8	2.2	0.24
Wheat	Stalks	8.9	12.0	18.1	1.8	0.23
Sugarcane	Tops & Leaves	2.1	105.7	5.3	1.3	0.18
Jowar	Stalks	1.9	2.1	3.6	0.72	0.094
Arhar	Stalks	3.5	2.2	5.6	0.56	0.073
Arhar	Husk	3.5	2.2	0.67	0.33	0.040
Jowar	Cobs	1.9	2.1	1.1	0.21	0.030
Jowar	Husk	1.9	2.1	0.43	0.21	0.026
Coconut	FronDs	7.50E-05	0.00025	0.00030	0.00015	2.10E-05
Coconut	Husk & Pith	7.50E-05	0.00025	0.00013	6.50E-05	8.45E-06
Coconut	Shell	7.50E-05	0.00025	5.40E-05	4.32E-05	6.04E-06
Total		46.7	143.2	318.2	158.7	21.9

Taluk level Residue-wise Data for Hansot ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	166.7	89.7	12.4
Cotton	Stalks	24.9	8.5	94.6	66.2	9.3
Cotton	Bollshell	24.9	8.5	9.3	6.5	0.91
Cotton	Husk	24.9	8.5	9.3	6.5	0.91
Jowar	Stalks	11.2	12.6	21.3	4.3	0.55
Arhar	Stalks	11.8	7.4	18.6	1.9	0.24
Jowar	Cobs	11.2	12.6	6.3	1.3	0.18
Jowar	Husk	11.2	12.6	2.5	1.3	0.15
Arhar	Husk	11.8	7.4	2.2	1.1	0.13
Sugarcane	Tops & Leaves	1.00	50.8	2.5	0.64	0.089
Coconut	FronDs	0.00016	0.00053	0.00064	0.00032	4.51E-05
Coconut	Husk & Pith	0.00016	0.00053	0.00028	0.00014	1.81E-05
Coconut	Shell	0.00016	0.00053	0.00012	9.27E-05	1.30E-05
Total		48.9	79.3	333.3	179.3	24.9

Taluk level Residue-wise Data for Jambusar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	773.2	130.2	17.5
Banana	Residue	3.6	220.2	660.7	66.1	8.6
Cotton	Stalks	18.0	6.1	68.3	47.8	6.7
Cotton	Bollshell	18.0	6.1	6.7	4.7	0.66
Cotton	Husk	18.0	6.1	6.7	4.7	0.66
Sugarcane	Tops & Leaves	2.4	122.4	6.1	1.5	0.21
Jowar	Stalks	4.2	4.7	8.0	1.6	0.21
Paddy	Straw	4.7	7.2	10.9	1.1	0.13
Paddy	Husk	4.7	7.2	1.4	1.2	0.13
Jowar	Cobs	4.2	4.7	2.4	0.47	0.066
Jowar	Husk	4.2	4.7	0.94	0.47	0.057
Coconut	FronDs	0.16	0.53	0.64	0.32	0.045
Coconut	Husk & Pith	0.16	0.53	0.28	0.14	0.018
Coconut	Shell	0.16	0.53	0.12	0.093	0.013
Total		33.0	361.2	1546.5	260.4	35.0

Taluk level Residue-wise Data for Jhaghadia ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	178.6	77.4	10.7
Cotton	Stalks	21.6	7.3	82.1	57.5	8.0
Banana	Residue	0.38	23.1	69.4	6.9	0.90
Cotton	Bollshell	21.6	7.3	8.1	5.7	0.79
Cotton	Husk	21.6	7.3	8.1	5.7	0.79
Arhar	Stalks	6.0	3.8	9.5	0.95	0.12
Arhar	Husk	6.0	3.8	1.1	0.57	0.068
Coconut	FronDs	0.025	0.081	0.099	0.050	0.0070
Sugarcane	Tops & Leaves	0.062	3.1	0.16	0.039	0.0055
Coconut	Husk & Pith	0.025	0.081	0.043	0.022	0.0028
Coconut	Shell	0.025	0.081	0.018	0.014	0.0020
Total		28.1	37.5	357.3	154.8	21.5

Taluk level Residue-wise Data for Vagara ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	138.7	82.5	11.5
Cotton	Stalks	23.5	8.0	89.4	62.6	8.8
Cotton	Bollshell	23.5	8.0	8.8	6.2	0.86
Cotton	Husk	23.5	8.0	8.8	6.2	0.86
Sugarcane	Tops & Leaves	7.0	355.8	17.8	4.4	0.62
Jowar	Stalks	5.2	5.8	9.8	2.0	0.26
Jowar	Cobs	5.2	5.8	2.9	0.58	0.081
Jowar	Husk	5.2	5.8	1.2	0.58	0.069
Coconut	FronDs	0.0018	0.0059	0.0072	0.0036	0.00051
Coconut	Husk & Pith	0.0018	0.0059	0.0031	0.0016	0.00020
Coconut	Shell	0.0018	0.0059	0.0013	0.0010	0.00015
Total		35.7	369.6	277.3	164.9	23.0

Taluk level Residue-wise Data for Valiya ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	47.3	15.2	2.1
Cotton	Stalks	3.2	1.1	12.3	8.6	1.2
Arhar	Stalks	16.9	10.7	26.8	2.7	0.35
Arhar	Husk	16.9	10.7	3.2	1.6	0.19
Cotton	Bollshell	3.2	1.1	1.2	0.85	0.12
Cotton	Husk	3.2	1.1	1.2	0.85	0.12
Jowar	Stalks	0.89	1.0	1.7	0.34	0.044
Jowar	Cobs	0.89	1.0	0.50	0.100	0.014
Jowar	Husk	0.89	1.0	0.20	0.100	0.012
Sugarcane	Tops & Leaves	0.078	4.0	0.20	0.050	0.0069
Coconut	FronDs	6.30E-05	0.00021	0.00025	0.00013	1.76E-05
Coconut	Husk & Pith	6.30E-05	0.00021	0.00011	5.46E-05	7.10E-06
Coconut	Shell	6.30E-05	0.00021	4.53E-05	3.63E-05	5.08E-06
Total		21.1	16.7	94.6	30.3	4.1

Taluk level Residue-wise Data for Bhavnagar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	114.9	45.5	6.2
Cotton	Stalks	10.7	3.9	40.7	28.5	4.0
Bajra	Stalks	10.1	20.5	41.0	4.1	0.53
Bajra	Cobs	10.1	20.5	6.8	3.4	0.44
Cotton	Bollshell	10.7	3.9	4.3	3.0	0.42
Cotton	Husk	10.7	3.9	4.3	3.0	0.42
Bajra	Husk	10.1	20.5	6.2	1.5	0.18
Groundnut	Stalks	5.1	4.8	9.5	0.95	0.12
Groundnut	Shell	5.1	4.8	1.4	0.99	0.12
Til	Stalks	0.51	0.37	0.92	0.092	0.012
Total		26.5	29.5	229.9	91.0	12.5

Taluk level Residue-wise Data for Botad ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	94.4	36.0	4.9
Cotton	Stalks	7.7	2.8	29.3	20.5	2.9
Groundnut	Stalks	16.6	15.5	30.8	3.1	0.40
Groundnut	Shell	16.6	15.5	4.6	3.2	0.39
Cotton	Bollshell	7.7	2.8	3.1	2.1	0.30
Cotton	Husk	7.7	2.8	3.1	2.1	0.30
Coconut	Fronds	0.71	2.3	2.8	1.4	0.20
Til	Stalks	5.9	4.3	10.7	1.1	0.14
Bajra	Stalks	1.6	3.2	6.3	0.63	0.082
Coconut	Husk & Pith	0.71	2.3	1.2	0.62	0.080
Bajra	Cobs	1.6	3.2	1.0	0.52	0.068
Coconut	Shell	0.71	2.3	0.51	0.41	0.057
Bajra	Husk	1.6	3.2	0.95	0.24	0.029
Total		32.5	28.0	188.8	72.0	9.8

Taluk level Residue-wise Data for Gadhada ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	170.8	80.6	11.1
Cotton	Stalks	20.2	7.3	76.6	53.6	7.5
Cotton	Bollshell	20.2	7.3	8.0	5.6	0.79
Cotton	Husk	20.2	7.3	8.0	5.6	0.79
Groundnut	Stalks	27.7	25.7	51.2	5.1	0.67
Groundnut	Shell	27.7	25.7	7.7	5.4	0.65
Coconut	Fronds	0.92	3.0	3.7	1.8	0.26
Coconut	Husk & Pith	0.92	3.0	1.6	0.80	0.10
Bajra	Stalks	1.9	3.9	7.8	0.78	0.10
Bajra	Cobs	1.9	3.9	1.3	0.64	0.084
Coconut	Shell	0.92	3.0	0.66	0.53	0.074
Til	Stalks	1.7	1.2	3.1	0.31	0.040
Bajra	Husk	1.9	3.9	1.2	0.29	0.035
Total		52.4	41.1	341.6	161.1	22.2

Taluk level Residue-wise Data for Gariadhar ; Biomass Class : Agro

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	200.0	39.7	5.2
Bajra	Stalks	34.0	69.0	137.8	13.8	1.8
Bajra	Cobs	34.0	69.0	22.7	11.4	1.5
Cotton	Stalks	2.5	0.91	9.6	6.7	0.94
Bajra	Husk	34.0	69.0	20.7	5.2	0.62
Cotton	Bollshell	2.5	0.91	1.0	0.70	0.098
Cotton	Husk	2.5	0.91	1.0	0.70	0.098
Groundnut	Stalks	3.4	3.1	6.2	0.62	0.081
Groundnut	Shell	3.4	3.1	0.93	0.65	0.078
Til	Stalks	0.037	0.026	0.066	0.0066	0.00086
Total		39.9	73.1	400.0	79.4	10.4

Taluk level Residue-wise Data for Ghogha ; Biomass Class : Agro

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	88.9	50.9	7.1
Cotton	Stalks	14.7	5.3	55.8	39.1	5.5
Cotton	Bollshell	14.7	5.3	5.8	4.1	0.57
Cotton	Husk	14.7	5.3	5.8	4.1	0.57
Groundnut	Stalks	7.9	7.3	14.6	1.5	0.19
Groundnut	Shell	7.9	7.3	2.2	1.5	0.18
Bajra	Stalks	0.50	1.0	2.0	0.20	0.026
Til	Stalks	1.0	0.75	1.9	0.19	0.024
Bajra	Cobs	0.50	1.0	0.33	0.17	0.022
Bajra	Husk	0.50	1.0	0.30	0.076	0.0091
Total		24.1	14.4	177.7	101.8	14.1

Taluk level Residue-wise Data for Mahuva ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	180.6	68.9	9.4
Cotton	Stalks	16.2	5.8	61.4	43.0	6.0
Groundnut	Stalks	33.8	31.4	62.5	6.3	0.81
Groundnut	Shell	33.8	31.4	9.4	6.6	0.79
Cotton	Bollshell	16.2	5.8	6.4	4.5	0.63
Cotton	Husk	16.2	5.8	6.4	4.5	0.63
Til	Stalks	14.0	10.1	25.2	2.5	0.33
Bajra	Stalks	1.6	3.3	6.7	0.67	0.087
Bajra	Cobs	1.6	3.3	1.1	0.55	0.072
Bajra	Husk	1.6	3.3	1.0	0.25	0.030
Sugarcane	Tops & Leaves	0.075	7.5	0.38	0.094	0.013
Total		65.7	58.2	361.3	137.9	18.8

Taluk level Residue-wise Data for Palitana ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	161.5	94.1	13.1
Cotton	Stalks	26.9	9.7	102.4	71.7	10.0
Cotton	Bollshell	26.9	9.7	10.7	7.5	1.1
Cotton	Husk	26.9	9.7	10.7	7.5	1.1
Coconut	FronDs	0.80	2.6	3.2	1.6	0.22
Til	Stalks	7.5	5.4	13.5	1.4	0.18
Groundnut	Stalks	7.3	6.8	13.5	1.4	0.18
Groundnut	Shell	7.3	6.8	2.0	1.4	0.17
Coconut	Husk & Pith	0.80	2.6	1.4	0.69	0.090
Coconut	Shell	0.80	2.6	0.58	0.46	0.065
Bajra	Stalks	0.66	1.3	2.7	0.27	0.035
Bajra	Cobs	0.66	1.3	0.44	0.22	0.029
Bajra	Husk	0.66	1.3	0.40	0.100	0.012
Total		43.2	25.8	323.0	188.2	26.2

Taluk level Residue-wise Data for Shihor ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	206.8	80.0	11.0
Cotton	Stalks	19.9	7.2	75.5	52.8	7.4
Cotton	Bollshell	19.9	7.2	7.9	5.5	0.77
Cotton	Husk	19.9	7.2	7.9	5.5	0.77
Banana	Residue	0.23	16.8	50.4	5.0	0.66
Groundnut	Stalks	18.8	17.5	34.8	3.5	0.45
Groundnut	Shell	18.8	17.5	5.2	3.7	0.44
Bajra	Stalks	3.1	6.3	12.6	1.3	0.16
Bajra	Cobs	3.1	6.3	2.1	1.0	0.14
Bajra	Husk	3.1	6.3	1.9	0.47	0.057
Til	Stalks	2.4	1.7	4.3	0.43	0.056
Wheat	Pod	1.0	2.4	0.71	0.35	0.050
Wheat	Stalks	1.0	2.4	3.5	0.35	0.046
Total		45.4	51.8	413.5	160.0	22.0

Taluk level Residue-wise Data for Talaja ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	237.3	75.4	10.2
Cotton	Stalks	14.4	5.2	54.8	38.4	5.4
Groundnut	Stalks	37.7	35.0	69.7	7.0	0.91
Groundnut	Shell	37.7	35.0	10.5	7.3	0.88
Wheat	Pod	12.9	29.9	9.0	4.5	0.63
Wheat	Stalks	12.9	29.9	44.9	4.5	0.58
Cotton	Bollshell	14.4	5.2	5.7	4.0	0.56
Cotton	Husk	14.4	5.2	5.7	4.0	0.56
Bajra	Stalks	5.0	10.2	20.4	2.0	0.26
Bajra	Cobs	5.0	10.2	3.4	1.7	0.22
Til	Stalks	5.4	3.9	9.7	0.97	0.13
Bajra	Husk	5.0	10.2	3.1	0.76	0.092
Coconut	Fronds	0.085	0.28	0.34	0.17	0.024
Coconut	Husk & Pith	0.085	0.28	0.15	0.074	0.0096
Coconut	Shell	0.085	0.28	0.061	0.049	0.0068
Sugarcane	Tops & Leaves	0.0021	0.21	0.010	0.0026	0.00036
Total		75.5	84.6	474.6	150.8	20.5

Taluk level Residue-wise Data for Umarala ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	101.5	36.0	4.9
Cotton	Stalks	8.1	2.9	30.7	21.5	3.0
Bajra	Stalks	8.5	17.2	34.4	3.4	0.45
Bajra	Cobs	8.5	17.2	5.7	2.8	0.37
Cotton	Bollshell	8.1	2.9	3.2	2.3	0.32
Cotton	Husk	8.1	2.9	3.2	2.3	0.32
Til	Stalks	6.8	4.9	12.3	1.2	0.16
Bajra	Husk	8.5	17.2	5.2	1.3	0.15
Groundnut	Stalks	3.2	3.0	5.9	0.59	0.077
Groundnut	Shell	3.2	3.0	0.89	0.62	0.075
Total		26.6	28.0	203.0	72.0	9.8

Taluk level Residue-wise Data for Vallabhipur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	98.2	41.2	5.7
Cotton	Stalks	10.1	3.6	38.5	26.9	3.8
Cotton	Bollshell	10.1	3.6	4.0	2.8	0.39
Cotton	Husk	10.1	3.6	4.0	2.8	0.39
Bajra	Stalks	5.6	11.3	22.6	2.3	0.29
Bajra	Cobs	5.6	11.3	3.7	1.9	0.24
Groundnut	Stalks	8.8	8.2	16.3	1.6	0.21
Groundnut	Shell	8.8	8.2	2.4	1.7	0.21
Bajra	Husk	5.6	11.3	3.4	0.85	0.10
Til	Stalks	1.8	1.3	3.3	0.33	0.042
Total		26.3	24.4	196.5	82.4	11.3

Taluk level Residue-wise Data for Dahod ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	21.8	7.6	1.0
Cotton	Stalks	1.2	0.55	4.7	3.3	0.46
Gram	Stalks	1.8	1.1	1.2	0.98	0.13
Paddy	Straw	2.6	5.4	8.0	0.80	0.096
Paddy	Husk	2.6	5.4	1.1	0.86	0.094
Maize	Stalks	1.2	2.4	4.8	0.48	0.062
Cotton	Bollshell	1.2	0.55	0.60	0.42	0.059
Cotton	Husk	1.2	0.55	0.60	0.42	0.059
Maize	Cobs	1.2	2.4	0.71	0.36	0.050
Arhar	Stalks	0.044	0.033	0.081	0.0081	0.0011
Arhar	Husk	0.044	0.033	0.0098	0.0049	0.00059
Sugarcane	Tops & Leaves	0.0024	0.16	0.0079	0.0020	0.00028
Total		6.9	9.6	43.7	15.3	2.0

Taluk level Residue-wise Data for Devgadbaria ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	176.7	26.9	3.6
Maize	Stalks	39.7	76.7	153.1	15.3	2.0
Maize	Cobs	39.7	76.7	23.0	11.5	1.6
Paddy	Straw	0.13	0.28	0.42	0.042	0.0051
Paddy	Husk	0.13	0.28	0.056	0.045	0.0050
Gram	Stalks	0.044	0.027	0.030	0.024	0.0031
Banana	Residue	0.00068	0.036	0.11	0.011	0.0014
Sugarcane	Tops & Leaves	0.0037	0.24	0.012	0.0030	0.00042
Total		39.9	77.3	353.4	53.8	7.2

Taluk level Residue-wise Data for Dhanpur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	96.4	14.9	2.0
Maize	Stalks	20.9	40.3	80.4	8.0	1.0
Maize	Cobs	20.9	40.3	12.1	6.0	0.84

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	1.0	2.2	3.3	0.33	0.039
Paddy	Husk	1.0	2.2	0.43	0.35	0.038
Gram	Stalks	0.37	0.22	0.25	0.20	0.026
Sugarcane	Tops & Leaves	0.00061	0.040	0.0020	0.00050	6.95E-05
Total		22.3	42.7	192.7	29.9	4.0

Taluk level Residue-wise Data for Fatepura ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	103.5	16.1	2.2
Maize	Stalks	22.6	43.6	87.0	8.7	1.1
Maize	Cobs	22.6	43.6	13.0	6.5	0.91
Gram	Stalks	0.64	0.39	0.43	0.34	0.044
Paddy	Straw	0.84	1.8	2.6	0.26	0.032
Paddy	Husk	0.84	1.8	0.35	0.28	0.031
Sugarcane	Tops & Leaves	4.00E-06	0.00026	1.30E-05	3.25E-06	4.55E-07
Total		24.1	45.7	206.9	32.2	4.3

Taluk level Residue-wise Data for Garbada ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	41.6	8.2	1.0
Maize	Stalks	5.3	10.3	20.6	2.1	0.27
Gram	Stalks	3.7	2.3	2.5	2.0	0.26
Maize	Cobs	5.3	10.3	3.1	1.5	0.22
Paddy	Straw	3.7	7.8	11.7	1.2	0.14
Paddy	Husk	3.7	7.8	1.6	1.2	0.14
Banana	Residue	0.014	0.73	2.2	0.22	0.028
Sugarcane	Tops & Leaves	9.00E-06	0.00059	2.93E-05	7.31E-06	1.02E-06
Total		12.8	21.1	83.2	16.5	2.1

Taluk level Residue-wise Data for Ghoghamba ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	119.7	26.8	3.4
Paddy	Straw	16.5	34.6	51.9	5.2	0.62
Paddy	Husk	16.5	34.6	6.9	5.5	0.61
Cotton	Stalks	1.6	0.71	6.1	4.3	0.60
Maize	Stalks	11.1	21.3	42.6	4.3	0.55
Maize	Cobs	11.1	21.3	6.4	3.2	0.45
Gram	Stalks	6.0	3.7	4.0	3.2	0.42
Cotton	Bollshell	1.6	0.71	0.78	0.54	0.076
Cotton	Husk	1.6	0.71	0.78	0.54	0.076
Arhar	Stalks	0.13	0.10	0.25	0.025	0.0033
Arhar	Husk	0.13	0.10	0.030	0.015	0.0018
Banana	Residue	1.30E-05	0.00070	0.0021	0.00021	2.72E-05
Sugarcane	Tops & Leaves	2.00E-05	0.0013	6.50E-05	1.63E-05	2.28E-06
Total		35.3	60.4	239.5	53.6	6.8

Taluk level Residue-wise Data for Jhalod ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	128.8	26.8	3.4
Gram	Stalks	12.6	7.7	8.4	6.7	0.87
Maize	Stalks	13.9	26.9	53.7	5.4	0.70
Paddy	Straw	16.3	34.2	51.3	5.1	0.62
Paddy	Husk	16.3	34.2	6.8	5.5	0.60
Maize	Cobs	13.9	26.9	8.0	4.0	0.56
Sugarcane	Tops & Leaves	0.087	5.7	0.28	0.071	0.0099
Arhar	Stalks	0.12	0.093	0.23	0.023	0.0030
Arhar	Husk	0.12	0.093	0.028	0.014	0.0017
Banana	Residue	6.00E-06	0.00032	0.00097	9.66E-05	1.26E-05
Total		43.0	74.5	257.5	53.6	6.7

Taluk level Residue-wise Data for Limkheda ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	158.0	25.5	3.3
Maize	Stalks	30.6	59.0	117.7	11.8	1.5
Maize	Cobs	30.6	59.0	17.7	8.8	1.2
Paddy	Straw	5.8	12.2	18.3	1.8	0.22
Paddy	Husk	5.8	12.2	2.4	2.0	0.21
Gram	Stalks	1.8	1.1	1.2	0.97	0.13
Wheat	Pod	0.058	0.39	0.12	0.059	0.0083
Wheat	Stalks	0.058	0.39	0.59	0.059	0.0077
Sugarcane	Tops & Leaves	5.70E-05	0.0037	0.00019	4.63E-05	6.48E-06
Arhar	Stalks	4.00E-06	3.00E-06	7.46E-06	7.46E-07	9.70E-08
Arhar	Husk	4.00E-06	3.00E-06	8.95E-07	4.48E-07	5.37E-08
Total		38.2	72.7	316.0	50.9	6.7

Taluk level Residue-wise Data for Dehgam ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	249.6	109.3	14.7
Cotton	Stalks	9.2	25.4	34.8	24.3	3.4
Cotton	Bollshell	9.2	25.4	28.0	19.6	2.7
Cotton	Husk	9.2	25.4	28.0	19.6	2.7
Castorseed	Stalks	4.6	10.3	41.4	20.7	2.7
Paddy	Straw	12.0	38.7	58.0	5.8	0.70
Paddy	Husk	12.0	38.7	7.7	6.2	0.68
Wheat	Pod	6.9	18.5	5.5	2.8	0.39
Guar	Stalks	6.1	1.9	3.8	2.6	0.37
Wheat	Stalks	6.9	18.5	27.7	2.8	0.36
Coconut	Fronds	0.90	1.3	3.6	1.8	0.25
Jowar	Stalks	3.7	3.7	6.3	1.3	0.16
Castorseed	Husk	4.6	10.3	1.0	0.52	0.062
Jowar	Cobs	3.7	3.7	1.9	0.37	0.052
Jowar	Husk	3.7	3.7	0.74	0.37	0.044
Coconut	Husk & Pith	0.90	1.3	0.66	0.33	0.043
Coconut	Shell	0.90	1.3	0.28	0.22	0.031

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Moong	Stalks	0.30	0.089	0.100	0.0100	0.0013
Moong	Husk	0.30	0.089	0.014	0.0014	0.00016
Banana	Residue	0.00086	0.0029	0.0086	0.00086	0.00011
Total		43.6	99.9	499.1	218.7	29.5

Taluk level Residue-wise Data for Gandhinagar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	444.8	216.8	29.7
Cotton	Stalks	21.5	59.7	81.7	57.2	8.0
Cotton	Bollshell	21.5	59.7	65.8	46.1	6.4
Cotton	Husk	21.5	59.7	65.8	46.1	6.4
Castorseed	Stalks	9.1	20.6	82.4	41.2	5.4
Wheat	Pod	14.5	38.6	11.6	5.8	0.81
Wheat	Stalks	14.5	38.6	57.8	5.8	0.75
Bajra	Stalks	14.0	23.3	46.7	4.7	0.61
Bajra	Cobs	14.0	23.3	7.7	3.9	0.50
Bajra	Husk	14.0	23.3	7.0	1.8	0.21
Castorseed	Husk	9.1	20.6	2.1	1.0	0.12
Mustard	Husk	2.5	3.0	0.90	0.85	0.10
Paddy	Straw	1.3	4.1	6.1	0.61	0.073
Paddy	Husk	1.3	4.1	0.81	0.65	0.071
Mustard	Stalks	2.5	3.0	5.4	0.54	0.070
Coconut	FronDs	0.21	0.29	0.83	0.41	0.058
Moong	Stalks	5.0	1.5	1.7	0.17	0.022
Guar	Stalks	0.22	0.069	0.14	0.097	0.014
Coconut	Husk & Pith	0.21	0.29	0.15	0.076	0.0099
Coconut	Shell	0.21	0.29	0.063	0.051	0.0071
Moong	Husk	5.0	1.5	0.23	0.023	0.0028
Banana	Residue	0.0016	0.0053	0.016	0.0016	0.00021
Total		68.3	151.2	889.6	433.6	59.4

Taluk level Residue-wise Data for Kalol ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	207.6	121.9	17.0
Cotton	Stalks	16.4	45.5	62.2	43.5	6.1
Cotton	Bollshell	16.4	45.5	50.1	35.1	4.9
Cotton	Husk	16.4	45.5	50.1	35.1	4.9
Bajra	Stalks	4.7	7.9	15.7	1.6	0.20
Wheat	Pod	3.2	8.6	2.6	1.3	0.18
Bajra	Cobs	4.7	7.9	2.6	1.3	0.17
Wheat	Stalks	3.2	8.6	12.9	1.3	0.17
Coconut	FronDs	0.47	0.66	1.9	0.95	0.13
Bajra	Husk	4.7	7.9	2.4	0.59	0.071
Til	Stalks	3.9	1.4	3.5	0.35	0.046
Coconut	Husk & Pith	0.47	0.66	0.35	0.17	0.023
Paddy	Straw	0.35	1.1	1.7	0.17	0.020
Paddy	Husk	0.35	1.1	0.22	0.18	0.020
Coconut	Shell	0.47	0.66	0.15	0.12	0.016
Mustard	Husk	0.35	0.41	0.12	0.12	0.014
Sugarcane	Tops & Leaves	0.34	6.3	0.31	0.079	0.011
Mustard	Stalks	0.35	0.41	0.74	0.074	0.0097
Moong	Stalks	0.25	0.076	0.085	0.0085	0.0011
Banana	Residue	0.0024	0.0081	0.024	0.0024	0.00032
Moong	Husk	0.25	0.076	0.012	0.0012	0.00014
Total		30.0	71.9	415.1	243.7	34.0

Taluk level Residue-wise Data for Mansa ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	192.5	96.1	13.1
Cotton	Stalks	9.4	26.0	35.6	24.9	3.5
Cotton	Bollshell	9.4	26.0	28.7	20.1	2.8
Cotton	Husk	9.4	26.0	28.7	20.1	2.8
Castorseed	Stalks	3.9	8.9	35.6	17.8	2.3
Bajra	Stalks	10.3	17.2	34.5	3.5	0.45
Bajra	Cobs	10.3	17.2	5.7	2.8	0.37
Guar	Stalks	4.2	1.3	2.6	1.8	0.26
Mustard	Husk	5.1	6.0	1.8	1.7	0.21
Bajra	Husk	10.3	17.2	5.2	1.3	0.16
Mustard	Stalks	5.1	6.0	10.9	1.1	0.14
Castorseed	Husk	3.9	8.9	0.89	0.44	0.053
Paddy	Straw	0.36	1.2	1.7	0.17	0.021
Paddy	Husk	0.36	1.2	0.23	0.19	0.020
Coconut	FronDs	0.056	0.078	0.22	0.11	0.016
Coconut	Husk & Pith	0.056	0.078	0.041	0.021	0.0027
Coconut	Shell	0.056	0.078	0.017	0.014	0.0019
Sugarcane	Tops & Leaves	0.046	0.87	0.043	0.011	0.0015
Banana	Residue	0.0082	0.027	0.082	0.0082	0.0011
Total		33.4	61.7	385.1	192.1	26.2

Taluk level Residue-wise Data for Bhanvad ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	75.2	32.6	4.5
Cotton	Stalks	6.4	4.7	24.3	17.0	2.4
Cotton	Bollshell	6.4	4.7	5.2	3.6	0.51
Cotton	Husk	6.4	4.7	5.2	3.6	0.51
Groundnut	Stalks	16.5	14.2	28.4	2.8	0.37
Groundnut	Shell	16.5	14.2	4.3	3.0	0.36
Cuminseed	Stalks	4.4	1.1	1.8	1.4	0.20
Wheat	Pod	1.4	3.3	1.00	0.50	0.070
Wheat	Stalks	1.4	3.3	5.0	0.50	0.065
Til	Stalks	0.054	0.024	0.060	0.0060	0.00078
Total		28.7	23.4	150.5	65.1	8.9

Taluk level Residue-wise Data for Dhrol ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	77.0	26.9	3.6
Gram	Stalks	11.1	8.1	8.9	7.1	0.93
Cotton	Stalks	2.3	1.7	8.6	6.0	0.84
Groundnut	Stalks	19.3	16.6	33.2	3.3	0.43
Groundnut	Shell	19.3	16.6	5.0	3.5	0.42
Cotton	Bollshell	2.3	1.7	1.8	1.3	0.18
Cotton	Husk	2.3	1.7	1.8	1.3	0.18
Wheat	Pod	3.2	7.8	2.3	1.2	0.16
Wheat	Stalks	3.2	7.8	11.7	1.2	0.15
Coconut	FronDs	0.48	1.6	1.9	0.96	0.13
Cuminseed	Stalks	1.3	0.33	0.51	0.41	0.057
Coconut	Husk & Pith	0.48	1.6	0.84	0.42	0.054
Coconut	Shell	0.48	1.6	0.35	0.28	0.039
Til	Stalks	4.60E-05	2.07E-05	5.13E-05	5.13E-06	6.67E-07
Total		37.5	36.0	154.0	53.9	7.2

Taluk level Residue-wise Data for Jamjodhpur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	97.5	30.1	4.1
Cotton	Stalks	4.4	3.3	16.7	11.7	1.6
Groundnut	Stalks	24.3	20.9	41.8	4.2	0.54
Groundnut	Shell	24.3	20.9	6.3	4.4	0.53
Cotton	Bollshell	4.4	3.3	3.6	2.5	0.35
Cotton	Husk	4.4	3.3	3.6	2.5	0.35
Wheat	Pod	5.6	13.7	4.1	2.1	0.29
Wheat	Stalks	5.6	13.7	20.6	2.1	0.27
Cuminseed	Stalks	2.2	0.56	0.87	0.70	0.098
Til	Stalks	3.40E-05	1.53E-05	3.79E-05	3.79E-06	4.93E-07
Total		36.4	38.4	195.0	60.2	8.1

Taluk level Residue-wise Data for Jamnagar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	158.7	47.7	6.4
Cotton	Stalks	6.2	4.6	23.6	16.5	2.3
Groundnut	Stalks	35.5	30.5	61.2	6.1	0.80
Groundnut	Shell	35.5	30.5	9.2	6.4	0.77
Wheat	Pod	11.6	28.3	8.5	4.2	0.59
Wheat	Stalks	11.6	28.3	42.3	4.2	0.55
Cotton	Bollshell	6.2	4.6	5.0	3.5	0.49
Cotton	Husk	6.2	4.6	5.0	3.5	0.49
Cuminseed	Stalks	9.5	2.5	3.9	3.1	0.43
Total		62.8	65.8	317.3	95.3	12.9

Taluk level Residue-wise Data for Jodiya ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	73.3	24.1	3.2
Cotton	Stalks	3.9	2.9	14.7	10.3	1.4
Groundnut	Stalks	21.2	18.2	36.5	3.6	0.47
Groundnut	Shell	21.2	18.2	5.5	3.8	0.46
Cotton	Bollshell	3.9	2.9	3.1	2.2	0.31
Cotton	Husk	3.9	2.9	3.1	2.2	0.31
Wheat	Pod	2.3	5.6	1.7	0.84	0.12
Wheat	Stalks	2.3	5.6	8.4	0.84	0.11
Cuminseed	Stalks	0.62	0.16	0.25	0.20	0.028
Sugarcane	Tops & Leaves	0.014	0.96	0.048	0.012	0.0017
Total		27.9	27.8	146.5	48.1	6.5

Taluk level Residue-wise Data for Kalavad ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	230.0	106.0	14.6
Cotton	Stalks	20.9	15.5	79.5	55.7	7.8
Cotton	Bollshell	20.9	15.5	17.0	11.9	1.7
Cotton	Husk	20.9	15.5	17.0	11.9	1.7
Gram	Stalks	11.8	8.6	9.5	7.6	0.99
Groundnut	Stalks	34.2	29.4	58.9	5.9	0.77
Groundnut	Shell	34.2	29.4	8.8	6.2	0.74
Wheat	Pod	8.8	21.4	6.4	3.2	0.45
Wheat	Stalks	8.8	21.4	32.1	3.2	0.42
Cuminseed	Stalks	0.53	0.14	0.22	0.17	0.024
Coconut	FronDs	0.070	0.23	0.28	0.14	0.020
Coconut	Husk & Pith	0.070	0.23	0.12	0.061	0.0079
Coconut	Shell	0.070	0.23	0.051	0.040	0.0057
Til	Stalks	2.00E-05	9.00E-06	2.23E-05	2.23E-06	2.90E-07
Total		76.3	75.3	459.9	212.0	29.1

Taluk level Residue-wise Data for Kalyanpur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	40.6	11.2	1.5
Cotton	Stalks	1.3	0.97	5.0	3.5	0.49
Groundnut	Stalks	11.4	9.8	19.7	2.0	0.26
Groundnut	Shell	11.4	9.8	3.0	2.1	0.25
Wheat	Pod	2.2	5.3	1.6	0.79	0.11
Cotton	Bollshell	1.3	0.97	1.1	0.74	0.10
Cotton	Husk	1.3	0.97	1.1	0.74	0.10
Wheat	Stalks	2.2	5.3	7.9	0.79	0.10
Cuminseed	Stalks	1.3	0.33	0.51	0.41	0.057
Sugarcane	Tops & Leaves	0.28	18.6	0.93	0.23	0.033
Til	Stalks	2.00E-06	9.00E-07	2.23E-06	2.23E-07	2.90E-08
Total		16.4	35.0	81.3	22.4	3.0

Taluk level Residue-wise Data for Khambhaliya ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	62.2	13.8	1.8
Cotton	Stalks	1.1	0.79	4.1	2.9	0.40
Wheat	Pod	6.7	16.4	4.9	2.5	0.34
Wheat	Stalks	6.7	16.4	24.6	2.5	0.32
Groundnut	Stalks	13.5	11.6	23.3	2.3	0.30
Groundnut	Shell	13.5	11.6	3.5	2.4	0.29
Cotton	Bollshell	1.1	0.79	0.87	0.61	0.086
Cotton	Husk	1.1	0.79	0.87	0.61	0.086
Sugarcane	Tops & Leaves	0.0095	0.64	0.032	0.0079	0.0011
Total		21.4	29.5	124.5	27.6	3.7

Taluk level Residue-wise Data for Lalpur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	27.0	8.4	1.1
Cotton	Stalks	1.3	0.96	4.9	3.4	0.48
Groundnut	Stalks	5.9	5.0	10.1	1.0	0.13
Groundnut	Shell	5.9	5.0	1.5	1.1	0.13
Cotton	Bollshell	1.3	0.96	1.1	0.74	0.10
Cotton	Husk	1.3	0.96	1.1	0.74	0.10
Wheat	Pod	1.9	4.7	1.4	0.70	0.098
Wheat	Stalks	1.9	4.7	7.0	0.70	0.091
Total		9.1	10.7	54.1	16.8	2.3

Taluk level Residue-wise Data for Okhamandal ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	46.2	8.9	1.1
Groundnut	Stalks	22.5	19.4	38.8	3.9	0.50
Groundnut	Shell	22.5	19.4	5.8	4.1	0.49
Cotton	Stalks	0.21	0.15	0.79	0.55	0.078
Cotton	Bollshell	0.21	0.15	0.17	0.12	0.017
Cotton	Husk	0.21	0.15	0.17	0.12	0.017
Cuminseed	Stalks	0.22	0.058	0.091	0.073	0.010
Wheat	Pod	0.074	0.18	0.054	0.027	0.0038
Wheat	Stalks	0.074	0.18	0.27	0.027	0.0035
Total		23.0	19.7	92.3	17.7	2.2

Taluk level Residue-wise Data for Bhesan ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	116.3	20.2	2.6
Groundnut	Stalks	34.2	30.8	61.6	6.2	0.80
Groundnut	Shell	34.2	30.8	9.2	6.5	0.78
Wheat	Pod	7.9	24.4	7.3	3.7	0.51
Wheat	Stalks	7.9	24.4	36.5	3.7	0.47
Bajra	Stalks	0.31	0.64	1.3	0.13	0.017
Bajra	Cobs	0.31	0.64	0.21	0.11	0.014
Bajra	Husk	0.31	0.64	0.19	0.048	0.0058
Total		42.4	55.8	232.6	40.4	5.2

Taluk level Residue-wise Data for Junagadh ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	213.7	93.0	12.8
Cotton	Stalks	17.8	17.6	67.6	47.3	6.6
Cotton	Bollshell	17.8	17.6	19.4	13.5	1.9
Cotton	Husk	17.8	17.6	19.4	13.5	1.9
Groundnut	Stalks	29.9	26.9	53.8	5.4	0.70
Groundnut	Shell	29.9	26.9	8.1	5.6	0.68
Wheat	Pod	6.4	19.8	5.9	3.0	0.42
Wheat	Stalks	6.4	19.8	29.7	3.0	0.39
Bajra	Stalks	1.8	3.8	7.6	0.76	0.098
Bajra	Cobs	1.8	3.8	1.2	0.62	0.081
Bajra	Husk	1.8	3.8	1.1	0.28	0.034
Total		55.9	68.1	427.5	186.0	25.6

Taluk level Residue-wise Data for Keshod ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	112.4	24.5	3.2
Groundnut	Stalks	26.6	24.0	48.0	4.8	0.62
Groundnut	Shell	26.6	24.0	7.2	5.0	0.60
Cotton	Stalks	1.2	1.2	4.6	3.2	0.45
Wheat	Pod	5.2	16.1	4.8	2.4	0.34
Wheat	Stalks	5.2	16.1	24.2	2.4	0.31
Coconut	Fronds	0.72	2.5	2.9	1.4	0.20
Cotton	Bollshell	1.2	1.2	1.3	0.92	0.13
Cotton	Husk	1.2	1.2	1.3	0.92	0.13
Banana	Residue	0.060	2.6	7.9	0.79	0.10
Coconut	Husk & Pith	0.72	2.5	1.3	0.65	0.085
Bajra	Stalks	1.6	3.2	6.4	0.64	0.083
Bajra	Cobs	1.6	3.2	1.1	0.53	0.069
Coconut	Shell	0.72	2.5	0.54	0.43	0.061
Bajra	Husk	1.6	3.2	0.96	0.24	0.029
Total		35.4	49.6	224.9	48.9	6.4

Taluk level Residue-wise Data for Kodinar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	82.6	20.5	2.7
Coconut	Fronds	2.5	8.6	10.1	5.1	0.71
Groundnut	Stalks	26.0	23.4	46.9	4.7	0.61
Groundnut	Shell	26.0	23.4	7.0	4.9	0.59
Coconut	Husk & Pith	2.5	8.6	4.6	2.3	0.30
Coconut	Shell	2.5	8.6	1.9	1.5	0.21
Bajra	Stalks	1.4	2.8	5.6	0.56	0.073
Bajra	Cobs	1.4	2.8	0.92	0.46	0.060
Wheat	Pod	0.86	2.7	0.80	0.40	0.056
Wheat	Stalks	0.86	2.7	4.0	0.40	0.052
Bajra	Husk	1.4	2.8	0.84	0.21	0.025
Total		30.8	37.5	165.3	41.0	5.4

Taluk level Residue-wise Data for Maliya ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	240.4	41.4	5.4
Wheat	Pod	23.6	72.7	21.8	10.9	1.5
Wheat	Stalks	23.6	72.7	108.9	10.9	1.4
Groundnut	Stalks	39.1	35.2	70.5	7.0	0.92
Groundnut	Shell	39.1	35.2	10.6	7.4	0.89
Bajra	Stalks	4.5	9.2	18.3	1.8	0.24
Bajra	Cobs	4.5	9.2	3.0	1.5	0.20
Sugarcane	Tops & Leaves	1.3	90.5	4.5	1.1	0.16
Bajra	Husk	4.5	9.2	2.8	0.69	0.083
Total		68.5	207.6	480.9	82.8	10.8

Taluk level Residue-wise Data for Manavadar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	239.3	38.5	5.0
Wheat	Pod	16.7	51.6	15.5	7.7	1.1
Wheat	Stalks	16.7	51.6	77.3	7.7	1.0
Groundnut	Stalks	39.5	35.6	71.2	7.1	0.93
Groundnut	Shell	39.5	35.6	10.7	7.5	0.90
Banana	Residue	0.37	16.2	48.5	4.9	0.63
Sugarcane	Tops & Leaves	2.9	206.9	10.3	2.6	0.36
Bajra	Stalks	1.1	2.2	4.4	0.44	0.057
Bajra	Cobs	1.1	2.2	0.73	0.36	0.047
Bajra	Husk	1.1	2.2	0.66	0.17	0.020
Total		60.6	312.5	478.6	76.9	10.1

Taluk level Residue-wise Data for Mangrol ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	101.5	17.6	2.3
Groundnut	Stalks	28.8	25.9	51.8	5.2	0.67
Groundnut	Shell	28.8	25.9	7.8	5.4	0.65
Wheat	Pod	7.1	21.8	6.5	3.3	0.46
Wheat	Stalks	7.1	21.8	32.7	3.3	0.42
Bajra	Stalks	0.50	1.0	2.1	0.21	0.027
Bajra	Cobs	0.50	1.0	0.34	0.17	0.022
Bajra	Husk	0.50	1.0	0.31	0.077	0.0093
Total		36.3	48.7	203.0	35.2	4.5

Taluk level Residue-wise Data for Mendarda ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	31.3	5.4	0.69
Groundnut	Stalks	8.4	7.6	15.2	1.5	0.20
Groundnut	Shell	8.4	7.6	2.3	1.6	0.19
Bajra	Stalks	2.0	4.1	8.2	0.82	0.11
Bajra	Cobs	2.0	4.1	1.3	0.67	0.087
Bajra	Husk	2.0	4.1	1.2	0.31	0.037
Wheat	Pod	0.56	1.7	0.52	0.26	0.036
Wheat	Stalks	0.56	1.7	2.6	0.26	0.034
Total		11.0	13.4	62.6	10.9	1.4

Taluk level Residue-wise Data for Sutrapada ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	39.9	7.5	0.95
Groundnut	Stalks	15.5	13.9	27.9	2.8	0.36
Groundnut	Shell	15.5	13.9	4.2	2.9	0.35
Wheat	Pod	0.84	2.6	0.78	0.39	0.054
Wheat	Stalks	0.84	2.6	3.9	0.39	0.051
Coconut	Fronds	0.18	0.61	0.72	0.36	0.050
Coconut	Husk & Pith	0.18	0.61	0.32	0.16	0.021
Bajra	Stalks	0.37	0.75	1.5	0.15	0.020
Bajra	Cobs	0.37	0.75	0.25	0.12	0.016
Coconut	Shell	0.18	0.61	0.13	0.11	0.015
Bajra	Husk	0.37	0.75	0.23	0.056	0.0068
Total		16.9	17.9	79.8	14.9	1.9

Taluk level Residue-wise Data for Talala ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	51.6	9.1	1.1
Groundnut	Stalks	20.4	18.3	36.7	3.7	0.48
Groundnut	Shell	20.4	18.3	5.5	3.9	0.46
Wheat	Pod	1.4	4.2	1.2	0.62	0.087
Wheat	Stalks	1.4	4.2	6.2	0.62	0.081
Bajra	Stalks	0.35	0.71	1.4	0.14	0.019
Bajra	Cobs	0.35	0.71	0.24	0.12	0.015
Bajra	Husk	0.35	0.71	0.21	0.054	0.0064
Total		22.1	23.2	103.2	18.2	2.3

Taluk level Residue-wise Data for Una ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	166.5	30.1	3.8
Groundnut	Stalks	58.0	52.2	104.5	10.4	1.4
Groundnut	Shell	58.0	52.2	15.7	11.0	1.3
Sugarcane	Tops & Leaves	3.1	222.3	11.1	2.8	0.39
Wheat	Pod	5.1	15.6	4.7	2.3	0.33
Wheat	Stalks	5.1	15.6	23.3	2.3	0.30
Bajra	Stalks	1.4	2.8	5.6	0.56	0.072
Bajra	Cobs	1.4	2.8	0.92	0.46	0.060
Bajra	Husk	1.4	2.8	0.83	0.21	0.025
Total		67.5	292.8	333.1	60.2	7.7

Taluk level Residue-wise Data for Vanthali ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	90.0	15.6	2.0
Groundnut	Stalks	25.2	22.7	45.4	4.5	0.59
Groundnut	Shell	25.2	22.7	6.8	4.8	0.57
Wheat	Pod	4.9	15.0	4.5	2.2	0.31
Wheat	Stalks	4.9	15.0	22.4	2.2	0.29
Bajra	Stalks	2.0	4.2	8.3	0.83	0.11
Bajra	Cobs	2.0	4.2	1.4	0.69	0.089
Bajra	Husk	2.0	4.2	1.2	0.31	0.037
Total		32.1	41.8	180.1	31.2	4.0

Taluk level Residue-wise Data for Veraval ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	87.9	15.2	2.0
Groundnut	Stalks	24.9	22.4	44.8	4.5	0.58
Groundnut	Shell	24.9	22.4	6.7	4.7	0.56
Wheat	Pod	5.6	17.2	5.2	2.6	0.36
Wheat	Stalks	5.6	17.2	25.8	2.6	0.34
Bajra	Stalks	1.0	2.1	4.1	0.41	0.054
Bajra	Cobs	1.0	2.1	0.68	0.34	0.044
Bajra	Husk	1.0	2.1	0.62	0.15	0.019
Total		31.4	41.6	175.7	30.5	3.9

Taluk level Residue-wise Data for Visavadar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	137.8	24.0	3.1
Groundnut	Stalks	36.6	33.0	66.0	6.6	0.86
Groundnut	Shell	36.6	33.0	9.9	6.9	0.83
Wheat	Pod	9.3	28.6	8.6	4.3	0.60
Wheat	Stalks	9.3	28.6	42.8	4.3	0.56
Bajra	Stalks	1.7	3.4	6.8	0.68	0.089
Bajra	Cobs	1.7	3.4	1.1	0.56	0.073
Sugarcane	Tops & Leaves	0.40	28.5	1.4	0.36	0.050
Bajra	Husk	1.7	3.4	1.0	0.26	0.031
Total		48.0	93.5	275.5	47.9	6.2

Taluk level Residue-wise Data for Abadasa ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	130.5	41.9	5.5
Castorseed	Stalks	7.7	10.7	42.8	21.4	2.8
Guar	Stalks	10.0	3.3	6.6	4.6	0.65
Groundnut	Stalks	11.4	16.1	32.4	3.2	0.42
Groundnut	Shell	11.4	16.1	4.9	3.4	0.41
Cotton	Stalks	0.99	0.41	3.7	2.6	0.37
Bajra	Stalks	8.4	7.8	15.6	1.6	0.20
Bajra	Cobs	8.4	7.8	2.6	1.3	0.17
Til	Stalks	12.5	4.9	12.3	1.2	0.16
Bajra	Husk	8.4	7.8	2.3	0.58	0.070
Castorseed	Husk	7.7	10.7	1.1	0.54	0.064
Moong	Stalks	12.1	3.9	4.2	0.42	0.055
Cotton	Bollshell	0.99	0.41	0.46	0.32	0.045
Cotton	Husk	0.99	0.41	0.46	0.32	0.045
Coconut	Fronds	0.081	0.27	0.33	0.16	0.023
Coconut	Husk & Pith	0.081	0.27	0.14	0.071	0.0092
Moong	Husk	12.1	3.9	0.58	0.058	0.0069
Coconut	Shell	0.081	0.27	0.059	0.047	0.0066
Total		63.3	47.3	261.0	83.8	11.0

Taluk level Residue-wise Data for Anjar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	79.6	37.4	5.1
Cotton	Stalks	8.2	3.4	31.0	21.7	3.0
Guar	Stalks	6.5	2.1	4.3	3.0	0.42
Cotton	Bollshell	8.2	3.4	3.8	2.6	0.37
Cotton	Husk	8.2	3.4	3.8	2.6	0.37
Castorseed	Stalks	1.00	1.4	5.6	2.8	0.36
Bajra	Stalks	4.9	4.5	9.0	0.90	0.12
Bajra	Cobs	4.9	4.5	1.5	0.74	0.097
Groundnut	Stalks	2.6	3.7	7.4	0.74	0.096
Groundnut	Shell	2.6	3.7	1.1	0.77	0.093
Moth	Stalks	6.1	3.4	6.0	0.60	0.079
Bajra	Husk	4.9	4.5	1.4	0.34	0.041
Til	Stalks	3.2	1.2	3.1	0.31	0.040
Moong	Stalks	3.9	1.2	1.4	0.14	0.018
Castorseed	Husk	1.00	1.4	0.14	0.070	0.0083
Moong	Husk	3.9	1.2	0.19	0.019	0.0022
Total		36.3	21.0	159.1	74.8	10.3

Taluk level Residue-wise Data for Bhachau ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	179.7	36.5	4.9
Cotton	Stalks	3.9	1.6	14.8	10.4	1.5
Banana	Residue	0.39	28.9	86.8	8.7	1.1
Guar	Stalks	8.7	2.9	5.7	4.0	0.56
Groundnut	Stalks	8.9	12.6	25.3	2.5	0.33
Groundnut	Shell	8.9	12.6	3.8	2.7	0.32
Cotton	Bollshell	3.9	1.6	1.8	1.3	0.18
Cotton	Husk	3.9	1.6	1.8	1.3	0.18
Wheat	Pod	3.1	7.5	2.2	1.1	0.16
Wheat	Stalks	3.1	7.5	11.2	1.1	0.15
Bajra	Stalks	5.4	5.0	10.0	1.00	0.13
Bajra	Cobs	5.4	5.0	1.6	0.82	0.11
Til	Stalks	6.3	2.4	6.2	0.62	0.080
Moong	Stalks	15.2	4.9	5.3	0.53	0.069
Bajra	Husk	5.4	5.0	1.5	0.37	0.045
Moth	Stalks	1.0	0.57	1.0	0.10	0.013
Moong	Husk	15.2	4.9	0.72	0.072	0.0087
Total		52.9	66.3	359.5	73.0	9.8

Taluk level Residue-wise Data for Bhuj ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	517.5	231.2	30.6
Castorseed	Stalks	53.5	74.4	298.1	149.0	19.4
Cotton	Stalks	13.4	5.6	50.9	35.6	5.0
Guar	Stalks	25.8	8.5	17.0	11.9	1.7
Cotton	Bollshell	13.4	5.6	6.2	4.3	0.61
Cotton	Husk	13.4	5.6	6.2	4.3	0.61
Bajra	Stalks	24.5	22.6	45.3	4.5	0.59
Bajra	Cobs	24.5	22.6	7.5	3.7	0.49
Castorseed	Husk	53.5	74.4	7.5	3.7	0.45
Wheat	Pod	7.5	18.3	5.5	2.7	0.38
Wheat	Stalks	7.5	18.3	27.4	2.7	0.36
Groundnut	Stalks	7.1	10.0	20.1	2.0	0.26

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Groundnut	Shell	7.1	10.0	3.0	2.1	0.25
Bajra	Husk	24.5	22.6	6.8	1.7	0.20
Coconut	FronDs	0.41	1.3	1.6	0.81	0.11
Til	Stalks	6.7	2.6	6.6	0.66	0.086
Moong	Stalks	17.9	5.7	6.3	0.63	0.081
Coconut	Husk & Pith	0.41	1.3	0.71	0.35	0.046
Coconut	Shell	0.41	1.3	0.29	0.23	0.033
Moong	Husk	17.9	5.7	0.85	0.085	0.010
Sugarcane	Tops & Leaves	0.0036	0.22	0.011	0.0027	0.00038
Total		156.8	149.2	1035.1	462.4	61.2

Taluk level Residue-wise Data for Gandhidham ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	9.9	4.9	0.63
Castorseed	Stalks	1.7	2.4	9.4	4.7	0.61
Castorseed	Husk	1.7	2.4	0.24	0.12	0.014
Til	Stalks	0.17	0.068	0.17	0.017	0.0022
Moong	Stalks	0.16	0.052	0.056	0.0056	0.00073
Moong	Husk	0.16	0.052	0.0077	0.00077	9.19E-05
Total		2.0	2.5	19.8	9.7	1.3

Taluk level Residue-wise Data for Lakhpat ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	18.0	3.4	0.44
Guar	Stalks	1.9	0.63	1.3	0.88	0.12
Groundnut	Stalks	2.0	2.8	5.5	0.55	0.072
Groundnut	Shell	2.0	2.8	0.83	0.58	0.070
Bajra	Stalks	2.0	1.8	3.7	0.37	0.047
Til	Stalks	3.6	1.4	3.5	0.35	0.046
Bajra	Cobs	2.0	1.8	0.60	0.30	0.039
Bajra	Husk	2.0	1.8	0.55	0.14	0.016
Moong	Stalks	3.0	0.97	1.1	0.11	0.014

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Moth	Stalks	0.84	0.46	0.83	0.083	0.011
Cotton	Stalks	0.0094	0.0040	0.036	0.025	0.0035
Moong	Husk	3.0	0.97	0.14	0.014	0.0017
Cotton	Bollshell	0.0094	0.0040	0.0044	0.0030	0.00043
Cotton	Husk	0.0094	0.0040	0.0044	0.0030	0.00043
Sugarcane	Tops & Leaves	0.00058	0.035	0.0017	0.00044	6.12E-05
Total		13.3	8.1	36.1	6.8	0.89

Taluk level Residue-wise Data for Mandvi ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	124.3	49.5	6.8
Cotton	Stalks	8.4	3.5	31.8	22.2	3.1
Castorseed	Stalks	2.4	3.3	13.1	6.6	0.85
Guar	Stalks	10.1	3.3	6.6	4.6	0.65
Cotton	Bollshell	8.4	3.5	3.9	2.7	0.38
Cotton	Husk	8.4	3.5	3.9	2.7	0.38
Wheat	Pod	5.2	12.8	3.8	1.9	0.27
Wheat	Stalks	5.2	12.8	19.2	1.9	0.25
Bajra	Stalks	7.8	7.1	14.3	1.4	0.19
Groundnut	Stalks	4.6	6.5	13.0	1.3	0.17
Groundnut	Shell	4.6	6.5	1.9	1.4	0.16
Bajra	Cobs	7.8	7.1	2.4	1.2	0.15
Bajra	Husk	7.8	7.1	2.2	0.54	0.065
Moong	Stalks	9.4	3.0	3.3	0.33	0.043
Moth	Stalks	2.5	1.4	2.5	0.25	0.032
Til	Stalks	1.7	0.68	1.7	0.17	0.022
Castorseed	Husk	2.4	3.3	0.33	0.16	0.020
Moong	Husk	9.4	3.0	0.45	0.045	0.0054
Sugarcane	Tops & Leaves	0.0043	0.26	0.013	0.0032	0.00045
Total		52.0	41.9	248.6	98.9	13.5

Taluk level Residue-wise Data for Mundra ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	30.9	7.7	1.0
Guar	Stalks	4.9	1.6	3.2	2.2	0.31
Groundnut	Stalks	5.3	7.4	14.9	1.5	0.19
Groundnut	Shell	5.3	7.4	2.2	1.6	0.19
Cotton	Stalks	0.40	0.17	1.5	1.1	0.15
Bajra	Stalks	1.5	1.3	2.7	0.27	0.035
Moth	Stalks	2.5	1.4	2.5	0.25	0.033
Bajra	Cobs	1.5	1.3	0.45	0.22	0.029
Til	Stalks	1.7	0.66	1.7	0.17	0.022
Cotton	Bollshell	0.40	0.17	0.19	0.13	0.018
Cotton	Husk	0.40	0.17	0.19	0.13	0.018
Bajra	Husk	1.5	1.3	0.41	0.10	0.012
Moong	Stalks	2.3	0.74	0.80	0.080	0.010
Moong	Husk	2.3	0.74	0.11	0.011	0.0013
Total		18.5	13.4	61.8	15.5	2.1

Taluk level Residue-wise Data for Nakhtrana ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	212.6	75.5	10.2
Cotton	Stalks	8.7	3.7	33.2	23.3	3.3
Castorseed	Stalks	4.7	6.5	26.0	13.0	1.7
Guar	Stalks	12.3	4.0	8.1	5.6	0.79
Groundnut	Stalks	15.7	22.1	44.3	4.4	0.58
Coconut	Fronds	2.0	6.6	8.1	4.0	0.57
Groundnut	Shell	15.7	22.1	6.6	4.7	0.56
Bajra	Stalks	22.8	21.0	42.2	4.2	0.55
Bajra	Cobs	22.8	21.0	7.0	3.5	0.45
Cotton	Bollshell	8.7	3.7	4.0	2.8	0.40
Cotton	Husk	8.7	3.7	4.0	2.8	0.40
Coconut	Husk & Pith	2.0	6.6	3.5	1.8	0.23
Bajra	Husk	22.8	21.0	6.3	1.6	0.19
Coconut	Shell	2.0	6.6	1.5	1.2	0.16
Wheat	Pod	2.0	4.9	1.5	0.74	0.10

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	2.0	4.9	7.4	0.74	0.096
Til	Stalks	4.7	1.8	4.6	0.46	0.060
Castorseed	Husk	4.7	6.5	0.65	0.33	0.039
Moong	Stalks	6.6	2.1	2.3	0.23	0.030
Moth	Stalks	0.95	0.52	0.94	0.094	0.012
Moong	Husk	6.6	2.1	0.31	0.031	0.0038
Total		80.5	73.3	425.2	151.0	20.3

Taluk level Residue-wise Data for Rann-Of-Kachchh ; Biomass Class : Agro

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	29.1	10.2	1.4
Cotton	Stalks	2.1	0.89	8.0	5.6	0.79
Guar	Stalks	1.9	0.62	1.2	0.87	0.12
Cotton	Bollshell	2.1	0.89	0.98	0.68	0.096
Cotton	Husk	2.1	0.89	0.98	0.68	0.096
Groundnut	Stalks	1.3	1.9	3.8	0.38	0.049
Groundnut	Shell	1.3	1.9	0.56	0.39	0.047
Moth	Stalks	3.1	1.7	3.0	0.30	0.040
Banana	Residue	0.014	1.0	3.0	0.30	0.040
Bajra	Stalks	1.6	1.4	2.9	0.29	0.037
Bajra	Cobs	1.6	1.4	0.47	0.24	0.031
Moong	Stalks	5.8	1.8	2.0	0.20	0.026
Til	Stalks	1.4	0.54	1.4	0.14	0.018
Bajra	Husk	1.6	1.4	0.43	0.11	0.013
Moong	Husk	5.8	1.8	0.27	0.027	0.0033
Total		17.1	9.9	58.1	20.5	2.8

Taluk level Residue-wise Data for Rapar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	76.2	24.1	3.3
Cotton	Stalks	2.7	1.2	10.4	7.3	1.0
Guar	Stalks	13.2	4.4	8.7	6.1	0.85
Bajra	Stalks	10.7	9.8	19.7	2.0	0.26
Groundnut	Stalks	6.4	9.0	18.0	1.8	0.23
Groundnut	Shell	6.4	9.0	2.7	1.9	0.23
Bajra	Cobs	10.7	9.8	3.3	1.6	0.21
Cotton	Bollshell	2.7	1.2	1.3	0.89	0.12
Cotton	Husk	2.7	1.2	1.3	0.89	0.12
Bajra	Husk	10.7	9.8	3.0	0.74	0.089
Til	Stalks	3.2	1.2	3.1	0.31	0.041
Moong	Stalks	8.2	2.6	2.9	0.29	0.037
Sugarcane	Tops & Leaves	0.19	11.7	0.58	0.15	0.020
Moth	Stalks	0.94	0.52	0.93	0.093	0.012
Moong	Husk	8.2	2.6	0.39	0.039	0.0047
Total		45.5	40.3	152.4	48.1	6.5

Taluk level Residue-wise Data for Balasinor ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	78.5	10.4	1.3
Banana	Residue	0.20	12.4	37.1	3.7	0.48
Paddy	Straw	5.4	10.7	16.1	1.6	0.19
Paddy	Husk	5.4	10.7	2.1	1.7	0.19
Maize	Stalks	2.1	5.9	11.9	1.2	0.15
Maize	Cobs	2.1	5.9	1.8	0.89	0.12
Til	Stalks	2.0	1.3	3.3	0.33	0.043
Arhar	Stalks	1.0	1.1	2.6	0.26	0.034
Wheat	Pod	0.48	0.93	0.28	0.14	0.020
Arhar	Husk	1.0	1.1	0.32	0.16	0.019
Wheat	Stalks	0.48	0.93	1.4	0.14	0.018
Bajra	Stalks	0.42	0.55	1.1	0.11	0.014
Bajra	Cobs	0.42	0.55	0.18	0.091	0.012
Bajra	Husk	0.42	0.55	0.17	0.041	0.0050

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Coconut	Fronks	0.00045	0.0015	0.0018	0.00089	0.00012
Coconut	Husk & Pith	0.00045	0.0015	0.00079	0.00039	5.11E-05
Coconut	Shell	0.00045	0.0015	0.00033	0.00026	3.65E-05
Total		11.6	32.9	156.9	20.8	2.6

Taluk level Residue-wise Data for Kapadvanj ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	101.7	11.3	1.5
Banana	Residue	0.44	27.3	81.8	8.2	1.1
Bajra	Stalks	1.9	2.5	5.1	0.51	0.066
Maize	Stalks	0.78	2.2	4.3	0.43	0.056
Bajra	Cobs	1.9	2.5	0.84	0.42	0.054
Til	Stalks	2.4	1.6	4.1	0.41	0.053
Maize	Cobs	0.78	2.2	0.65	0.32	0.045
Wheat	Pod	0.86	1.7	0.50	0.25	0.035
Wheat	Stalks	0.86	1.7	2.5	0.25	0.033
Coconut	Fronks	0.083	0.28	0.33	0.17	0.023
Bajra	Husk	1.9	2.5	0.76	0.19	0.023
Coconut	Husk & Pith	0.083	0.28	0.15	0.073	0.0095
Arhar	Stalks	0.22	0.23	0.58	0.058	0.0076
Coconut	Shell	0.083	0.28	0.061	0.049	0.0068
Arhar	Husk	0.22	0.23	0.070	0.035	0.0042
Total		6.7	35.8	203.4	22.7	3.0

Taluk level Residue-wise Data for Kathlal ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	181.2	23.7	3.1
Banana	Residue	0.47	29.4	88.3	8.8	1.1
Wheat	Pod	9.4	18.2	5.4	2.7	0.38
Wheat	Stalks	9.4	18.2	27.2	2.7	0.35
Bajra	Stalks	9.7	12.8	25.6	2.6	0.33
Bajra	Cobs	9.7	12.8	4.2	2.1	0.27
Arhar	Stalks	5.6	5.9	14.6	1.5	0.19
Bajra	Husk	9.7	12.8	3.8	0.96	0.12
Arhar	Husk	5.6	5.9	1.8	0.88	0.11
Maize	Stalks	1.2	3.3	6.6	0.66	0.086
Maize	Cobs	1.2	3.3	0.99	0.49	0.069
Til	Stalks	1.0	0.71	1.8	0.18	0.023
Sugarcane	Tops & Leaves	0.074	5.6	0.28	0.070	0.0098
Tobacco	Stalks	0.26	0.47	0.47	0.047	0.0061
Coconut	FronDs	0.0041	0.014	0.016	0.0082	0.0011
Coconut	Husk & Pith	0.0041	0.014	0.0072	0.0036	0.00047
Coconut	Shell	0.0041	0.014	0.0030	0.0024	0.00034
Total		27.7	76.4	362.5	47.4	6.2

Taluk level Residue-wise Data for Kheda ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	1.1	0.17	0.023
Maize	Stalks	0.18	0.49	0.98	0.098	0.013
Maize	Cobs	0.18	0.49	0.15	0.074	0.010
Arhar	Stalks	2.70E-05	2.84E-05	7.06E-05	7.06E-06	9.18E-07
Arhar	Husk	2.70E-05	2.84E-05	8.47E-06	4.24E-06	5.08E-07
Total		0.18	0.49	2.3	0.34	0.046

Taluk level Residue-wise Data for Mahemdabad ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	135.8	22.6	2.9
Bajra	Stalks	37.4	49.3	98.5	9.9	1.3
Bajra	Cobs	37.4	49.3	16.3	8.1	1.1
Bajra	Husk	37.4	49.3	14.8	3.7	0.44
Maize	Stalks	0.40	1.1	2.3	0.23	0.029
Arhar	Stalks	0.80	0.84	2.1	0.21	0.027
Maize	Cobs	0.40	1.1	0.34	0.17	0.024
Arhar	Husk	0.80	0.84	0.25	0.13	0.015
Til	Stalks	0.65	0.44	1.1	0.11	0.014
Wheat	Pod	0.071	0.14	0.041	0.021	0.0029
Wheat	Stalks	0.071	0.14	0.21	0.021	0.0027
Total		39.3	51.9	271.6	45.1	5.8

Taluk level Residue-wise Data for Mahudha ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	145.3	21.1	2.5
Banana	Residue	0.32	20.1	60.3	6.0	0.78
Paddy	Straw	21.2	42.3	63.4	6.3	0.76
Paddy	Husk	21.2	42.3	8.4	6.8	0.74
Maize	Stalks	1.5	4.2	8.4	0.84	0.11
Maize	Cobs	1.5	4.2	1.3	0.63	0.088
Til	Stalks	1.2	0.81	2.0	0.20	0.026
Bajra	Stalks	0.25	0.33	0.67	0.067	0.0087
Wheat	Pod	0.19	0.38	0.11	0.057	0.0079
Wheat	Stalks	0.19	0.38	0.57	0.057	0.0073
Bajra	Cobs	0.25	0.33	0.11	0.055	0.0072
Bajra	Husk	0.25	0.33	0.10	0.025	0.0030
Coconut	FronDs	7.80E-05	0.00026	0.00031	0.00016	2.18E-05
Coconut	Husk & Pith	7.80E-05	0.00026	0.00014	6.89E-05	8.96E-06
Coconut	Shell	7.80E-05	0.00026	5.72E-05	4.58E-05	6.41E-06
Arhar	Stalks	1.00E-06	1.05E-06	2.62E-06	2.62E-07	3.40E-08
Arhar	Husk	1.00E-06	1.05E-06	3.14E-07	1.57E-07	1.88E-08
Total		24.7	68.1	290.7	42.1	5.1

Taluk level Residue-wise Data for Matar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	336.7	43.6	5.4
Banana	Residue	1.1	70.7	212.0	21.2	2.8
Paddy	Straw	32.4	64.4	96.5	9.7	1.2
Paddy	Husk	32.4	64.4	12.9	10.3	1.1
Maize	Stalks	1.1	2.9	5.9	0.59	0.077
Bajra	Stalks	1.9	2.4	4.9	0.49	0.064
Maize	Cobs	1.1	2.9	0.88	0.44	0.062
Bajra	Cobs	1.9	2.4	0.81	0.40	0.052
Bajra	Husk	1.9	2.4	0.73	0.18	0.022
Sugarcane	Tops & Leaves	0.13	10.2	0.51	0.13	0.018
Til	Stalks	0.69	0.47	1.2	0.12	0.015
Arhar	Stalks	0.11	0.12	0.29	0.029	0.0038
Arhar	Husk	0.11	0.12	0.035	0.017	0.0021
Coconut	FronDs	0.00062	0.0021	0.0025	0.0012	0.00017
Coconut	Husk & Pith	0.00062	0.0021	0.0011	0.00055	7.12E-05
Coconut	Shell	0.00062	0.0021	0.00045	0.00036	5.09E-05
Wheat	Pod	0.0012	0.0024	0.00072	0.00036	5.05E-05
Wheat	Stalks	0.0012	0.0024	0.0036	0.00036	4.69E-05
Total		37.3	151.2	673.3	87.1	10.7

Taluk level Residue-wise Data for Nadiad ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	4.0	0.65	0.084
Bajra	Stalks	0.89	1.2	2.3	0.23	0.030
Bajra	Cobs	0.89	1.2	0.39	0.19	0.025
Bajra	Husk	0.89	1.2	0.35	0.088	0.011
Maize	Stalks	0.065	0.18	0.36	0.036	0.0047
Til	Stalks	0.19	0.13	0.32	0.032	0.0041
Maize	Cobs	0.065	0.18	0.054	0.027	0.0038
Arhar	Stalks	0.066	0.070	0.17	0.017	0.0023
Arhar	Husk	0.066	0.070	0.021	0.010	0.0012
Coconut	FronDs	0.0026	0.0086	0.010	0.0052	0.00073

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Coconut	Husk & Pith	0.0026	0.0086	0.0046	0.0023	0.00030
Coconut	Shell	0.0026	0.0086	0.0019	0.0015	0.00021
Wheat	Pod	0.0026	0.0050	0.0015	0.00074	0.00010
Wheat	Stalks	0.0026	0.0050	0.0074	0.00074	9.65E-05
Total		1.2	1.6	8.1	1.3	0.17

Taluk level Residue-wise Data for Thasara ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	486.4	71.6	9.0
Wheat	Pod	39.4	76.4	22.9	11.4	1.6
Paddy	Straw	42.5	84.6	126.8	12.7	1.5
Paddy	Husk	42.5	84.6	16.9	13.5	1.5
Wheat	Stalks	39.4	76.4	114.4	11.4	1.5
Banana	Residue	0.49	30.6	91.7	9.2	1.2
Tobacco	Stalks	40.0	73.7	73.6	7.4	0.96
Maize	Stalks	2.2	6.0	12.0	1.2	0.16
Bajra	Stalks	4.5	5.9	11.8	1.2	0.15
Bajra	Cobs	4.5	5.9	2.0	0.98	0.13
Maize	Cobs	2.2	6.0	1.8	0.90	0.13
Til	Stalks	3.7	2.5	6.3	0.63	0.082
Bajra	Husk	4.5	5.9	1.8	0.44	0.053
Arhar	Stalks	1.5	1.5	3.8	0.38	0.050
Arhar	Husk	1.5	1.5	0.46	0.23	0.028
Coconut	FronDs	0.0094	0.031	0.038	0.019	0.0026
Coconut	Husk & Pith	0.0094	0.031	0.017	0.0083	0.0011
Coconut	Shell	0.0094	0.031	0.0069	0.0055	0.00077
Total		134.2	281.2	972.9	143.2	18.1

Taluk level Residue-wise Data for Virpur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	154.6	21.7	2.9
Maize	Stalks	15.2	42.5	85.1	8.5	1.1
Maize	Cobs	15.2	42.5	12.8	6.4	0.89
Banana	Residue	0.23	14.2	42.7	4.3	0.56
Bajra	Stalks	2.5	3.3	6.6	0.66	0.086
Bajra	Cobs	2.5	3.3	1.1	0.55	0.071
Cotton	Stalks	0.11	0.038	0.43	0.30	0.042
Bajra	Husk	2.5	3.3	0.99	0.25	0.030
Arhar	Stalks	0.84	0.88	2.2	0.22	0.029
Sugarcane	Tops & Leaves	0.19	14.2	0.71	0.18	0.025
Arhar	Husk	0.84	0.88	0.26	0.13	0.016
Tobacco	Stalks	0.33	0.60	0.60	0.060	0.0078
Wheat	Pod	0.19	0.37	0.11	0.055	0.0077
Wheat	Stalks	0.19	0.37	0.55	0.055	0.0071
Til	Stalks	0.26	0.18	0.44	0.044	0.0058
Cotton	Bollshell	0.11	0.038	0.042	0.030	0.0041
Cotton	Husk	0.11	0.038	0.042	0.030	0.0041
Coconut	FronDs	1.60E-05	5.33E-05	6.40E-05	3.20E-05	4.48E-06
Coconut	Husk & Pith	1.60E-05	5.33E-05	2.83E-05	1.41E-05	1.84E-06
Coconut	Shell	1.60E-05	5.33E-05	1.17E-05	9.39E-06	1.31E-06
Total		19.9	76.3	309.3	43.4	5.8

Taluk level Residue-wise Data for Becharaji ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	13.6	3.0	0.39
Castorseed	Stalks	0.43	0.59	2.4	1.2	0.15
Til	Stalks	4.8	2.6	6.4	0.64	0.083
Cuminseed	Stalks	0.94	0.34	0.52	0.42	0.059
Wheat	Pod	0.59	1.4	0.42	0.21	0.029
Wheat	Stalks	0.59	1.4	2.1	0.21	0.027
Bajra	Stalks	0.69	0.60	1.2	0.12	0.016
Bajra	Cobs	0.69	0.60	0.20	0.099	0.013
Bajra	Husk	0.69	0.60	0.18	0.045	0.0054
Castorseed	Husk	0.43	0.59	0.059	0.030	0.0036
Moong	Stalks	0.33	0.11	0.12	0.012	0.0016
Moong	Husk	0.33	0.11	0.017	0.0017	0.00020
Coconut	FronDs	2.90E-05	8.70E-05	0.00012	5.80E-05	8.12E-06
Coconut	Husk & Pith	2.90E-05	8.70E-05	4.61E-05	2.31E-05	3.00E-06
Coconut	Shell	2.90E-05	8.70E-05	1.91E-05	1.53E-05	2.14E-06
Total		7.8	5.6	27.2	5.9	0.78

Taluk level Residue-wise Data for Kadi ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	165.3	73.9	10.2
Cotton	Stalks	11.4	16.3	43.3	30.3	4.2
Cotton	Bollshell	11.4	16.3	17.9	12.5	1.8
Cotton	Husk	11.4	16.3	17.9	12.5	1.8
Guar	Stalks	6.0	3.0	6.0	4.2	0.59
Wheat	Pod	10.9	25.8	7.7	3.9	0.54
Wheat	Stalks	10.9	25.8	38.7	3.9	0.50
Bajra	Stalks	11.1	9.6	19.3	1.9	0.25
Bajra	Cobs	11.1	9.6	3.2	1.6	0.21
Castorseed	Stalks	0.41	0.56	2.3	1.1	0.15
Bajra	Husk	11.1	9.6	2.9	0.72	0.087
Cuminseed	Stalks	0.94	0.34	0.52	0.42	0.058
Moong	Stalks	11.8	4.0	4.4	0.44	0.057
Coconut	FronDs	0.082	0.25	0.33	0.16	0.023

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Coconut	Husk & Pith	0.082	0.25	0.13	0.065	0.0085
Moong	Husk	11.8	4.0	0.60	0.060	0.0072
Coconut	Shell	0.082	0.25	0.054	0.043	0.0061
Castorseed	Husk	0.41	0.56	0.056	0.028	0.0034
Total		52.6	59.9	330.5	147.8	20.5

Taluk level Residue-wise Data for Kheralu ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	43.8	21.9	2.8
Castorseed	Stalks	7.8	10.6	42.7	21.4	2.8
Castorseed	Husk	7.8	10.6	1.1	0.53	0.064
Coconut	FronDs	7.00E-05	0.00021	0.00028	0.00014	1.96E-05
Cuminseed	Stalks	0.00027	9.72E-05	0.00015	0.00012	1.67E-05
Coconut	Husk & Pith	7.00E-05	0.00021	0.00011	5.57E-05	7.23E-06
Coconut	Shell	7.00E-05	0.00021	4.62E-05	3.70E-05	5.17E-06
Total		7.8	10.6	87.5	43.8	5.7

Taluk level Residue-wise Data for Mahesana ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	296.8	90.8	12.2
Cotton	Stalks	8.7	12.4	33.0	23.1	3.2
Cotton	Bollshell	8.7	12.4	13.6	9.6	1.3
Cotton	Husk	8.7	12.4	13.6	9.6	1.3
Mustard	Husk	31.5	38.7	11.6	11.0	1.3
Bajra	Stalks	40.0	34.8	69.7	7.0	0.91
Mustard	Stalks	31.5	38.7	69.7	7.0	0.91
Guar	Stalks	8.4	4.2	8.5	5.9	0.83
Bajra	Cobs	40.0	34.8	11.5	5.8	0.75
Wheat	Pod	12.9	30.5	9.2	4.6	0.64
Wheat	Stalks	12.9	30.5	45.8	4.6	0.59
Bajra	Husk	40.0	34.8	10.5	2.6	0.31
Cuminseed	Stalks	0.35	0.12	0.19	0.15	0.021

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Coconut	Fronds	5.80E-05	0.00017	0.00023	0.00012	1.62E-05
Coconut	Husk & Pith	5.80E-05	0.00017	9.22E-05	4.61E-05	5.99E-06
Coconut	Shell	5.80E-05	0.00017	3.83E-05	3.06E-05	4.29E-06
Total		101.9	120.8	593.6	181.5	24.4

Taluk level Residue-wise Data for Satlasana ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	15.5	2.3	0.30
Wheat	Pod	2.6	6.1	1.8	0.91	0.13
Wheat	Stalks	2.6	6.1	9.1	0.91	0.12
Moong	Stalks	8.7	3.0	3.2	0.32	0.042
Til	Stalks	0.68	0.37	0.91	0.091	0.012
Moong	Husk	8.7	3.0	0.44	0.044	0.0053
Cuminseed	Stalks	0.0022	0.00080	0.0012	0.00098	0.00014
Coconut	Fronds	5.10E-05	0.00015	0.00020	0.00010	1.43E-05
Coconut	Husk & Pith	5.10E-05	0.00015	8.11E-05	4.05E-05	5.27E-06
Coconut	Shell	5.10E-05	0.00015	3.37E-05	2.69E-05	3.77E-06
Total		12.0	9.4	31.0	4.6	0.61

Taluk level Residue-wise Data for Vadnagar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	41.7	6.9	0.94
Wheat	Pod	9.8	23.1	6.9	3.5	0.49
Wheat	Stalks	9.8	23.1	34.7	3.5	0.45
Coconut	Fronds	0.00026	0.00077	0.0010	0.00051	7.17E-05
Cuminseed	Stalks	0.00084	0.00030	0.00047	0.00037	5.23E-05
Coconut	Husk & Pith	0.00026	0.00077	0.00041	0.00020	2.65E-05
Coconut	Shell	0.00026	0.00077	0.00017	0.00014	1.89E-05
Total		9.8	23.1	83.3	13.9	1.9

Taluk level Residue-wise Data for Vijapur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	105.3	41.1	5.3
Castorseed	Stalks	11.9	16.2	65.1	32.6	4.2
Mustard	Husk	8.7	10.7	3.2	3.1	0.37
Mustard	Stalks	8.7	10.7	19.3	1.9	0.25
Bajra	Stalks	6.9	6.0	12.1	1.2	0.16
Bajra	Cobs	6.9	6.0	2.0	1.00	0.13
Castorseed	Husk	11.9	16.2	1.6	0.81	0.098
Bajra	Husk	6.9	6.0	1.8	0.45	0.054
Cuminseed	Stalks	0.25	0.090	0.14	0.11	0.015
Coconut	FronDs	0.0014	0.0042	0.0056	0.0028	0.00039
Coconut	Husk & Pith	0.0014	0.0042	0.0022	0.0011	0.00015
Coconut	Shell	0.0014	0.0042	0.00093	0.00074	0.00010
Total		27.9	33.1	210.6	82.3	10.6

Taluk level Residue-wise Data for Visnagar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	62.2	28.0	3.7
Castorseed	Stalks	8.3	11.3	45.4	22.7	3.0
Cuminseed	Stalks	8.0	2.9	4.5	3.6	0.50
Til	Stalks	8.4	4.5	11.2	1.1	0.15
Castorseed	Husk	8.3	11.3	1.1	0.57	0.068
Coconut	FronDs	2.80E-05	8.40E-05	0.00011	5.60E-05	7.84E-06
Coconut	Husk & Pith	2.80E-05	8.40E-05	4.45E-05	2.23E-05	2.89E-06
Coconut	Shell	2.80E-05	8.40E-05	1.85E-05	1.48E-05	2.07E-06
Total		24.7	18.7	124.5	55.9	7.3

Taluk level Residue-wise Data for Dediapada ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	34.6	5.4	0.69
Arhar	Stalks	15.7	9.9	24.8	2.5	0.32
Arhar	Husk	15.7	9.9	3.0	1.5	0.18
Jowar	Stalks	2.3	2.5	4.3	0.86	0.11
Jowar	Cobs	2.3	2.5	1.3	0.25	0.035
Jowar	Husk	2.3	2.5	0.51	0.25	0.030
Maize	Stalks	0.20	0.32	0.64	0.064	0.0084
Maize	Cobs	0.20	0.32	0.097	0.048	0.0068
Total		18.1	12.7	69.1	10.9	1.4

Taluk level Residue-wise Data for Nandod ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	95.8	17.1	2.1
Jowar	Stalks	8.4	9.4	15.9	3.2	0.41
Paddy	Straw	12.7	19.6	29.4	2.9	0.35
Paddy	Husk	12.7	19.6	3.9	3.1	0.35
Maize	Stalks	8.1	13.0	26.0	2.6	0.34
Maize	Cobs	8.1	13.0	3.9	1.9	0.27
Jowar	Cobs	8.4	9.4	4.7	0.94	0.13
Arhar	Stalks	5.7	3.6	9.0	0.90	0.12
Jowar	Husk	8.4	9.4	1.9	0.94	0.11
Arhar	Husk	5.7	3.6	1.1	0.54	0.065
Total		34.9	45.6	191.7	34.3	4.3

Taluk level Residue-wise Data for Sagbara ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	13.3	2.5	0.33
Jowar	Stalks	2.2	2.5	4.2	0.84	0.11
Maize	Stalks	1.3	2.2	4.3	0.43	0.056
Maize	Cobs	1.3	2.2	0.65	0.32	0.045
Jowar	Cobs	2.2	2.5	1.2	0.25	0.035
Jowar	Husk	2.2	2.5	0.49	0.25	0.030
Paddy	Straw	0.93	1.4	2.2	0.22	0.026
Paddy	Husk	0.93	1.4	0.29	0.23	0.025
Total		4.5	6.1	26.7	5.1	0.65

Taluk level Residue-wise Data for Tilakwada ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	7.9	1.5	0.19
Jowar	Stalks	1.5	1.7	2.9	0.57	0.075
Arhar	Stalks	2.2	1.4	3.5	0.35	0.045
Arhar	Husk	2.2	1.4	0.42	0.21	0.025
Jowar	Cobs	1.5	1.7	0.84	0.17	0.024
Jowar	Husk	1.5	1.7	0.34	0.17	0.020
Total		3.7	3.1	15.9	2.9	0.38

Taluk level Residue-wise Data for Chikhli ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	199.0	36.8	4.2
Paddy	Straw	47.3	116.3	174.2	17.4	2.1
Paddy	Husk	47.3	116.3	23.2	18.6	2.0
Urad	Stalks	2.0	1.1	1.2	0.61	0.080
Urad	Husk	2.0	1.1	0.22	0.11	0.013
Gram	Stalks	0.18	0.090	0.100	0.080	0.010
Total		49.4	117.5	398.1	73.6	8.5

Taluk level Residue-wise Data for Gandevi ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	9.3	1.7	0.19
Paddy	Straw	2.2	5.5	8.2	0.82	0.098
Paddy	Husk	2.2	5.5	1.1	0.87	0.096
Gram	Stalks	1.00E-06	5.00E-07	5.54E-07	4.44E-07	5.77E-08
Total		2.2	5.5	18.5	3.4	0.39

Taluk level Residue-wise Data for Jalalpur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	41.3	6.8	0.84
Banana	Residue	0.11	6.1	18.2	1.8	0.24
Paddy	Straw	3.2	7.8	11.7	1.2	0.14
Paddy	Husk	3.2	7.8	1.6	1.2	0.14
Gram	Stalks	1.9	0.95	1.1	0.84	0.11
Arhar	Stalks	5.1	2.7	6.8	0.68	0.088
Urad	Stalks	1.7	0.95	1.0	0.52	0.068
Arhar	Husk	5.1	2.7	0.81	0.41	0.049
Urad	Husk	1.7	0.95	0.19	0.095	0.011
Total		12.0	18.5	82.6	13.6	1.7

Taluk level Residue-wise Data for Navsari ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	6.2	1.1	0.13
Paddy	Straw	1.5	3.7	5.5	0.55	0.066
Paddy	Husk	1.5	3.7	0.73	0.58	0.064
Gram	Stalks	0.0062	0.0031	0.0034	0.0027	0.00036
Total		1.5	3.7	12.4	2.3	0.26

Taluk level Residue-wise Data for Vansda ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	66.1	18.9	2.6
Sugarcane	Tops & Leaves	17.8	1076.7	53.8	13.5	1.9
Coconut	FronDs	1.4	4.7	5.7	2.8	0.40
Coconut	Husk & Pith	1.4	4.7	2.5	1.2	0.16
Coconut	Shell	1.4	4.7	1.0	0.82	0.12
Banana	Residue	0.016	0.84	2.5	0.25	0.033
Gram	Stalks	0.46	0.23	0.25	0.20	0.026
Arhar	Stalks	0.22	0.11	0.28	0.028	0.0037
Arhar	Husk	0.22	0.11	0.034	0.017	0.0020
Total		19.9	1082.5	132.2	37.7	5.2

Taluk level Residue-wise Data for Godhara ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	144.0	25.7	3.0
Paddy	Straw	32.3	67.9	101.8	10.2	1.2
Paddy	Husk	32.3	67.9	13.6	10.9	1.2
Maize	Stalks	5.6	10.9	21.7	2.2	0.28
Maize	Cobs	5.6	10.9	3.3	1.6	0.23
Gram	Stalks	0.82	0.50	0.55	0.44	0.057
Arhar	Stalks	1.5	1.1	2.7	0.27	0.035
Arhar	Husk	1.5	1.1	0.33	0.16	0.020
Sugarcane	Tops & Leaves	0.0014	0.092	0.0046	0.0011	0.00016
Coconut	FronDs	0.00032	0.00064	0.0013	0.00064	8.99E-05
Coconut	Husk & Pith	0.00032	0.00064	0.00034	0.00017	2.21E-05
Coconut	Shell	0.00032	0.00064	0.00014	0.00011	1.58E-05
Total		40.3	80.5	288.0	51.4	6.1

Taluk level Residue-wise Data for Halol ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	83.8	13.7	1.8
Maize	Stalks	14.9	28.8	57.4	5.7	0.75
Maize	Cobs	14.9	28.8	8.6	4.3	0.60
Bajra	Stalks	6.5	4.9	9.9	0.99	0.13
Gram	Stalks	1.7	1.1	1.2	0.93	0.12
Bajra	Cobs	6.5	4.9	1.6	0.82	0.11
Bajra	Husk	6.5	4.9	1.5	0.37	0.045
Arhar	Stalks	0.98	0.74	1.8	0.18	0.024
Paddy	Straw	0.44	0.93	1.4	0.14	0.017
Paddy	Husk	0.44	0.93	0.19	0.15	0.016
Arhar	Husk	0.98	0.74	0.22	0.11	0.013
Banana	Residue	5.70E-05	0.0031	0.0092	0.00092	0.00012
Coconut	FronDs	0.00013	0.00026	0.00051	0.00026	3.58E-05
Sugarcane	Tops & Leaves	0.00013	0.0083	0.00042	0.00010	1.46E-05
Coconut	Husk & Pith	0.00013	0.00026	0.00014	6.78E-05	8.82E-06
Coconut	Shell	0.00013	0.00026	5.63E-05	4.51E-05	6.31E-06
Total		24.6	36.4	167.7	27.5	3.6

Taluk level Residue-wise Data for Jambughoda ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	21.6	4.6	0.60
Gram	Stalks	2.8	1.7	1.9	1.5	0.20
Maize	Stalks	3.6	6.9	13.8	1.4	0.18
Maize	Cobs	3.6	6.9	2.1	1.0	0.15
Paddy	Straw	0.98	2.1	3.1	0.31	0.037
Paddy	Husk	0.98	2.1	0.41	0.33	0.036
Banana	Residue	0.0022	0.12	0.35	0.035	0.0045
Coconut	FronDs	0.00045	0.00090	0.0018	0.00090	0.00013
Sugarcane	Tops & Leaves	0.00073	0.048	0.0024	0.00060	8.35E-05
Coconut	Husk & Pith	0.00045	0.00090	0.00048	0.00024	3.11E-05
Coconut	Shell	0.00045	0.00090	0.00020	0.00016	2.22E-05
Total		7.4	10.9	43.3	9.2	1.2

Taluk level Residue-wise Data for Kadana ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	66.6	10.6	1.4
Maize	Stalks	12.5	24.2	48.3	4.8	0.63
Maize	Cobs	12.5	24.2	7.2	3.6	0.51
Bajra	Stalks	4.7	3.6	7.1	0.71	0.092
Bajra	Cobs	4.7	3.6	1.2	0.59	0.076
Gram	Stalks	0.59	0.36	0.40	0.32	0.041
Bajra	Husk	4.7	3.6	1.1	0.27	0.032
Sugarcane	Tops & Leaves	0.096	6.3	0.31	0.078	0.011
Paddy	Straw	0.28	0.59	0.89	0.089	0.011
Paddy	Husk	0.28	0.59	0.12	0.095	0.010
Total		18.2	35.0	133.1	21.2	2.8

Taluk level Residue-wise Data for Kalol(Panchmahals) ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	49.7	8.5	1.1
Wheat	Pod	12.9	21.9	6.6	3.3	0.46
Wheat	Stalks	12.9	21.9	33.0	3.3	0.43
Maize	Stalks	1.4	2.7	5.5	0.55	0.071
Maize	Cobs	1.4	2.7	0.82	0.41	0.058
Gram	Stalks	0.52	0.32	0.35	0.28	0.036
Paddy	Straw	0.93	2.0	2.9	0.29	0.035
Paddy	Husk	0.93	2.0	0.39	0.31	0.034
Banana	Residue	0.00090	0.048	0.15	0.015	0.0019
Coconut	Fronds	2.50E-05	5.00E-05	0.0001	5.00E-05	7.00E-06
Coconut	Husk & Pith	2.50E-05	5.00E-05	2.65E-05	1.33E-05	1.72E-06
Coconut	Shell	2.50E-05	5.00E-05	1.10E-05	8.80E-06	1.23E-06
Total		15.8	27.0	99.4	16.9	2.3

Taluk level Residue-wise Data for Khanpur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	35.7	5.6	0.74
Maize	Stalks	7.3	14.1	28.2	2.8	0.37
Maize	Cobs	7.3	14.1	4.2	2.1	0.30
Paddy	Straw	0.90	1.9	2.8	0.28	0.034
Paddy	Husk	0.90	1.9	0.38	0.30	0.033
Gram	Stalks	0.081	0.050	0.054	0.043	0.0057
Banana	Residue	4.60E-05	0.0025	0.0074	0.00074	9.63E-05
Coconut	FronDs	8.00E-06	1.60E-05	3.20E-05	1.60E-05	2.24E-06
Coconut	Husk & Pith	8.00E-06	1.60E-05	8.48E-06	4.24E-06	5.51E-07
Coconut	Shell	8.00E-06	1.60E-05	3.52E-06	2.82E-06	3.94E-07
Total		8.3	16.1	71.4	11.1	1.5

Taluk level Residue-wise Data for Lunawada ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	117.7	29.7	3.9
Cotton	Stalks	3.3	1.5	12.6	8.8	1.2
Maize	Stalks	8.9	17.1	34.2	3.4	0.44
Paddy	Straw	10.4	21.8	32.8	3.3	0.39
Paddy	Husk	10.4	21.8	4.4	3.5	0.38
Maize	Cobs	8.9	17.1	5.1	2.6	0.36
Gram	Stalks	3.8	2.3	2.5	2.0	0.27
Wheat	Pod	7.0	11.9	3.6	1.8	0.25
Wheat	Stalks	7.0	11.9	17.9	1.8	0.23
Cotton	Bollshell	3.3	1.5	1.6	1.1	0.16
Cotton	Husk	3.3	1.5	1.6	1.1	0.16
Arhar	Stalks	0.67	0.50	1.3	0.13	0.016
Arhar	Husk	0.67	0.50	0.15	0.075	0.0090
Sugarcane	Tops & Leaves	0.0022	0.14	0.0071	0.0018	0.00025
Banana	Residue	2.30E-05	0.0012	0.0037	0.00037	4.81E-05
Coconut	FronDs	4.30E-05	8.60E-05	0.00017	8.60E-05	1.20E-05
Coconut	Husk & Pith	4.30E-05	8.60E-05	4.56E-05	2.28E-05	2.96E-06
Coconut	Shell	4.30E-05	8.60E-05	1.89E-05	1.51E-05	2.12E-06
Total		34.1	55.3	235.4	59.3	7.8

Taluk level Residue-wise Data for Morva ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	123.0	18.8	2.5
Maize	Stalks	27.3	52.7	105.2	10.5	1.4
Maize	Cobs	27.3	52.7	15.8	7.9	1.1
Paddy	Straw	0.55	1.2	1.7	0.17	0.021
Paddy	Husk	0.55	1.2	0.23	0.18	0.020
Coconut	FronDs	0.0042	0.0085	0.017	0.0085	0.0012
Coconut	Husk & Pith	0.0042	0.0085	0.0045	0.0022	0.00029
Coconut	Shell	0.0042	0.0085	0.0019	0.0015	0.00021
Total		27.9	53.9	246.0	37.6	5.0

Taluk level Residue-wise Data for Santrampur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	199.1	31.0	4.2
Maize	Stalks	43.6	84.2	168.1	16.8	2.2
Maize	Cobs	43.6	84.2	25.2	12.6	1.8
Gram	Stalks	1.4	0.88	0.97	0.77	0.10
Paddy	Straw	0.94	2.0	3.0	0.30	0.036
Paddy	Husk	0.94	2.0	0.40	0.32	0.035
Wheat	Pod	0.47	0.79	0.24	0.12	0.017
Wheat	Stalks	0.47	0.79	1.2	0.12	0.016
Sugarcane	Tops & Leaves	0.0041	0.26	0.013	0.0033	0.00046
Total		46.5	88.1	398.1	62.1	8.3

Taluk level Residue-wise Data for Shahera ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	119.6	17.5	2.3
Arhar	Stalks	31.7	23.8	59.1	5.9	0.77
Maize	Stalks	10.9	21.0	41.8	4.2	0.54
Maize	Cobs	10.9	21.0	6.3	3.1	0.44
Arhar	Husk	31.7	23.8	7.1	3.5	0.43
Banana	Residue	0.019	1.0	3.1	0.31	0.040
Paddy	Straw	0.60	1.3	1.9	0.19	0.023
Paddy	Husk	0.60	1.3	0.25	0.20	0.022
Sugarcane	Tops & Leaves	0.0025	0.16	0.0082	0.0021	0.00029
Coconut	FronDs	0.00024	0.00048	0.00097	0.00048	6.78E-05
Coconut	Husk & Pith	0.00024	0.00048	0.00026	0.00013	1.67E-05
Coconut	Shell	0.00024	0.00048	0.00011	8.52E-05	1.19E-05
Gram	Stalks	8.60E-05	5.25E-05	5.75E-05	4.60E-05	5.98E-06
Total		43.2	47.2	239.1	35.0	4.5

Taluk level Residue-wise Data for Chanasma ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	18.2	8.0	1.0
Castorseed	Stalks	2.5	3.4	13.7	6.8	0.89
Guar	Stalks	0.28	0.14	0.29	0.20	0.028
Bajra	Stalks	1.0	0.88	1.8	0.18	0.023
Castorseed	Husk	2.5	3.4	0.34	0.17	0.021
Bajra	Cobs	1.0	0.88	0.29	0.14	0.019
Cuminseed	Stalks	0.21	0.075	0.12	0.092	0.013
Mustard	Husk	0.29	0.36	0.11	0.10	0.012
Mustard	Stalks	0.29	0.36	0.65	0.065	0.0084
Bajra	Husk	1.0	0.88	0.26	0.066	0.0079
Wheat	Pod	0.12	0.29	0.087	0.043	0.0061
Wheat	Stalks	0.12	0.29	0.43	0.043	0.0056
Moong	Stalks	0.52	0.18	0.19	0.019	0.0025
Moong	Husk	0.52	0.18	0.026	0.0026	0.00031
Total		4.9	5.3	36.5	15.9	2.1

Taluk level Residue-wise Data for Harij ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	110.2	32.8	4.2
Castorseed	Stalks	7.4	10.1	40.5	20.2	2.6
Bajra	Stalks	27.8	24.2	48.4	4.8	0.63
Bajra	Cobs	27.8	24.2	8.0	4.0	0.52
Bajra	Husk	27.8	24.2	7.3	1.8	0.22
Cuminseed	Stalks	1.3	0.47	0.73	0.58	0.081
Castorseed	Husk	7.4	10.1	1.0	0.51	0.061
Wheat	Pod	0.72	1.7	0.51	0.25	0.036
Wheat	Stalks	0.72	1.7	2.5	0.25	0.033
Guar	Stalks	0.18	0.092	0.19	0.13	0.018
Mustard	Husk	0.19	0.23	0.069	0.066	0.0079
Moong	Stalks	1.5	0.49	0.54	0.054	0.0070
Mustard	Stalks	0.19	0.23	0.41	0.041	0.0054
Moong	Husk	1.5	0.49	0.074	0.0074	0.00088
Total		39.1	37.3	220.4	65.6	8.5

Taluk level Residue-wise Data for Patan ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	2.7	1.1	0.15
Guar	Stalks	0.60	0.30	0.61	0.43	0.060
Castorseed	Stalks	0.12	0.16	0.64	0.32	0.041
Cuminseed	Stalks	0.28	0.10	0.15	0.12	0.017
Bajra	Stalks	0.38	0.33	0.67	0.067	0.0087
Bajra	Cobs	0.38	0.33	0.11	0.055	0.0072
Wheat	Pod	0.090	0.21	0.064	0.032	0.0045
Wheat	Stalks	0.090	0.21	0.32	0.032	0.0042
Bajra	Husk	0.38	0.33	0.10	0.025	0.0030
Castorseed	Husk	0.12	0.16	0.016	0.0080	0.00095
Moong	Stalks	0.074	0.025	0.028	0.0028	0.00036
Moong	Husk	0.074	0.025	0.0038	0.00038	4.52E-05
Mustard	Husk	0.00089	0.0011	0.00033	0.00031	3.76E-05
Mustard	Stalks	0.00089	0.0011	0.0020	0.00020	2.57E-05
Total		1.5	1.1	5.4	2.2	0.29

Taluk level Residue-wise Data for Radhanpur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	79.4	20.2	2.6
Castorseed	Stalks	2.0	2.8	11.2	5.6	0.73
Bajra	Stalks	19.7	17.1	34.3	3.4	0.45
Guar	Stalks	4.1	2.1	4.1	2.9	0.41
Bajra	Cobs	19.7	17.1	5.7	2.8	0.37
Mustard	Husk	4.3	5.2	1.6	1.5	0.18
Bajra	Husk	19.7	17.1	5.1	1.3	0.15
Mustard	Stalks	4.3	5.2	9.4	0.94	0.12
Cuminseed	Stalks	1.1	0.40	0.62	0.50	0.070
Wheat	Pod	1.3	3.2	0.96	0.48	0.067
Wheat	Stalks	1.3	3.2	4.8	0.48	0.062
Castorseed	Husk	2.0	2.8	0.28	0.14	0.017
Moong	Stalks	3.0	1.0	1.1	0.11	0.014
Moong	Husk	3.0	1.0	0.15	0.015	0.0018
Total		35.6	31.8	158.7	40.4	5.3

Taluk level Residue-wise Data for Sami ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	60.1	23.9	3.1
Castorseed	Stalks	5.0	6.8	27.1	13.6	1.8
Guar	Stalks	6.2	3.1	6.2	4.4	0.61
Mustard	Husk	5.2	6.4	1.9	1.8	0.22
Mustard	Stalks	5.2	6.4	11.4	1.1	0.15
Cuminseed	Stalks	2.1	0.76	1.2	0.93	0.13
Bajra	Stalks	3.5	3.0	6.0	0.60	0.078
Bajra	Cobs	3.5	3.0	1.00	0.50	0.065
Castorseed	Husk	5.0	6.8	0.68	0.34	0.041
Bajra	Husk	3.5	3.0	0.91	0.23	0.027
Moong	Stalks	4.7	1.6	1.7	0.17	0.023
Wheat	Pod	0.38	0.90	0.27	0.14	0.019
Wheat	Stalks	0.38	0.90	1.4	0.14	0.018
Moong	Husk	4.7	1.6	0.24	0.024	0.0028
Total		27.0	22.5	120.2	47.9	6.3

Taluk level Residue-wise Data for Santalpur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	90.1	33.0	4.3
Castorseed	Stalks	8.4	11.4	45.8	22.9	3.0
Bajra	Stalks	9.8	8.5	17.1	1.7	0.22
Cuminseed	Stalks	3.1	1.1	1.7	1.4	0.19
Bajra	Cobs	9.8	8.5	2.8	1.4	0.18
Mustard	Husk	4.2	5.1	1.5	1.5	0.18
Guar	Stalks	1.4	0.72	1.4	1.0	0.14
Mustard	Stalks	4.2	5.1	9.2	0.92	0.12
Bajra	Husk	9.8	8.5	2.6	0.64	0.077
Castorseed	Husk	8.4	11.4	1.1	0.57	0.069
Wheat	Pod	1.1	2.7	0.81	0.41	0.057
Wheat	Stalks	1.1	2.7	4.1	0.41	0.053
Moong	Stalks	4.5	1.5	1.7	0.17	0.022
Moong	Husk	4.5	1.5	0.23	0.023	0.0028
Total		32.5	31.1	180.1	65.9	8.6

Taluk level Residue-wise Data for Sidhpur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	3.0	1.1	0.14
Castorseed	Stalks	0.32	0.44	1.8	0.88	0.11
Bajra	Stalks	0.36	0.31	0.62	0.062	0.0081
Bajra	Cobs	0.36	0.31	0.10	0.051	0.0067
Moong	Stalks	0.84	0.29	0.31	0.031	0.0041
Cuminseed	Stalks	0.049	0.018	0.027	0.022	0.0030
Bajra	Husk	0.36	0.31	0.093	0.023	0.0028
Castorseed	Husk	0.32	0.44	0.044	0.022	0.0026
Moong	Husk	0.84	0.29	0.043	0.0043	0.00051
Wheat	Pod	0.00023	0.00054	0.00016	8.07E-05	1.13E-05
Wheat	Stalks	0.00023	0.00054	0.00081	8.07E-05	1.05E-05
Mustard	Husk	0.00014	0.00018	5.30E-05	5.03E-05	6.04E-06
Mustard	Stalks	0.00014	0.00018	0.00032	3.18E-05	4.13E-06
Total		1.6	1.1	6.0	2.2	0.28

Taluk level Residue-wise Data for Unjha ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	80.1	17.7	2.2
Mustard	Husk	30.9	38.0	11.4	10.8	1.3
Mustard	Stalks	30.9	38.0	68.3	6.8	0.89
Bajra	Stalks	0.18	0.16	0.31	0.031	0.0041
Bajra	Cobs	0.18	0.16	0.052	0.026	0.0034
Bajra	Husk	0.18	0.16	0.047	0.012	0.0014
Cuminseed	Stalks	0.00011	3.92E-05	6.03E-05	4.83E-05	6.76E-06
Wheat	Pod	3.80E-05	9.01E-05	2.70E-05	1.35E-05	1.89E-06
Wheat	Stalks	3.80E-05	9.01E-05	0.00014	1.35E-05	1.76E-06
Moong	Stalks	7.20E-05	2.45E-05	2.68E-05	2.68E-06	3.48E-07
Moong	Husk	7.20E-05	2.45E-05	3.65E-06	3.65E-07	4.38E-08
Total		31.1	38.1	160.3	35.5	4.4

Taluk level Residue-wise Data for Vagdod ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	73.5	21.5	2.9
Cuminseed	Stalks	24.5	8.8	13.5	10.8	1.5
Bajra	Stalks	25.2	21.9	43.9	4.4	0.57
Bajra	Cobs	25.2	21.9	7.2	3.6	0.47
Bajra	Husk	25.2	21.9	6.6	1.6	0.20
Castorseed	Stalks	0.37	0.50	2.0	1.0	0.13
Castorseed	Husk	0.37	0.50	0.050	0.025	0.0030
Moong	Stalks	0.24	0.081	0.088	0.0088	0.0011
Wheat	Pod	0.020	0.048	0.014	0.0072	0.0010
Wheat	Stalks	0.020	0.048	0.072	0.0072	0.00093
Moong	Husk	0.24	0.081	0.012	0.0012	0.00014
Mustard	Husk	0.0016	0.0020	0.00059	0.00056	6.75E-05
Mustard	Stalks	0.0016	0.0020	0.0036	0.00036	4.62E-05
Total		50.3	31.4	147.0	43.1	5.8

Taluk level Residue-wise Data for Kutiyana ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	61.7	12.9	1.6
Groundnut	Stalks	25.6	23.0	46.1	4.6	0.60
Groundnut	Shell	25.6	23.0	6.9	4.8	0.58
Gram	Stalks	1.6	1.5	1.7	1.4	0.18
Coconut	FronDs	0.29	0.99	1.2	0.58	0.081
Sugarcane	Tops & Leaves	0.60	42.9	2.1	0.54	0.075
Coconut	Husk & Pith	0.29	0.99	0.52	0.26	0.034
Coconut	Shell	0.29	0.99	0.22	0.17	0.024
Bajra	Stalks	0.43	0.89	1.8	0.18	0.023
Bajra	Cobs	0.43	0.89	0.29	0.15	0.019
Bajra	Husk	0.43	0.89	0.27	0.067	0.0080
Wheat	Pod	0.10	0.32	0.095	0.047	0.0066
Wheat	Stalks	0.10	0.32	0.47	0.047	0.0061
Banana	Residue	5.00E-05	0.0022	0.0065	0.00065	8.50E-05
Total		28.6	69.7	123.4	25.7	3.3

Taluk level Residue-wise Data for Porbandar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	166.1	49.1	6.5
Cotton	Stalks	4.1	4.1	15.7	11.0	1.5
Gram	Stalks	9.7	9.3	10.3	8.2	1.1
Groundnut	Stalks	43.3	38.9	78.0	7.8	1.0
Groundnut	Shell	43.3	38.9	11.7	8.2	0.98
Cotton	Bollshell	4.1	4.1	4.5	3.1	0.44
Cotton	Husk	4.1	4.1	4.5	3.1	0.44
Wheat	Pod	3.3	10.2	3.1	1.5	0.21
Wheat	Stalks	3.3	10.2	15.3	1.5	0.20
Coconut	FronDs	0.59	2.0	2.4	1.2	0.17
Banana	Residue	0.096	4.2	12.5	1.2	0.16
Coconut	Husk & Pith	0.59	2.0	1.1	0.53	0.069
Bajra	Stalks	1.0	2.1	4.3	0.43	0.056
Coconut	Shell	0.59	2.0	0.44	0.35	0.049
Bajra	Cobs	1.0	2.1	0.71	0.35	0.046

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sugarcane	Tops & Leaves	0.32	23.1	1.2	0.29	0.040
Bajra	Husk	1.0	2.1	0.64	0.16	0.019
Total		62.5	94.0	332.2	98.2	13.0

Taluk level Residue-wise Data for Ranavav ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	43.9	12.1	1.6
Gram	Stalks	2.7	2.5	2.8	2.3	0.29
Cotton	Stalks	0.76	0.76	2.9	2.0	0.28
Groundnut	Stalks	10.6	9.6	19.2	1.9	0.25
Groundnut	Shell	10.6	9.6	2.9	2.0	0.24
Sugarcane	Tops & Leaves	1.1	76.2	3.8	0.95	0.13
Bajra	Stalks	1.9	3.8	7.7	0.77	0.100
Bajra	Cobs	1.9	3.8	1.3	0.63	0.082
Cotton	Bollshell	0.76	0.76	0.83	0.58	0.082
Cotton	Husk	0.76	0.76	0.83	0.58	0.082
Bajra	Husk	1.9	3.8	1.2	0.29	0.035
Banana	Residue	0.0043	0.19	0.56	0.056	0.0073
Total		17.0	93.1	87.8	24.2	3.2

Taluk level Residue-wise Data for Dhoraji ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	145.5	63.3	8.7
Cotton	Stalks	13.7	8.6	51.9	36.3	5.1
Cotton	Bollshell	13.7	8.6	9.5	6.6	0.93
Cotton	Husk	13.7	8.6	9.5	6.6	0.93
Groundnut	Stalks	23.8	29.8	59.6	6.0	0.77
Groundnut	Shell	23.8	29.8	8.9	6.3	0.75
Cuminseed	Stalks	1.4	0.66	1.0	0.82	0.11
Til	Stalks	2.6	1.2	2.9	0.29	0.038
Wheat	Pod	0.47	1.3	0.38	0.19	0.027
Wheat	Stalks	0.47	1.3	1.9	0.19	0.025

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Stalks	0.00014	0.00028	0.00056	5.58E-05	7.26E-06
Bajra	Cobs	0.00014	0.00028	9.21E-05	4.60E-05	5.99E-06
Bajra	Husk	0.00014	0.00028	8.37E-05	2.09E-05	2.51E-06
Total		41.9	41.5	291.0	126.5	17.3

Taluk level Residue-wise Data for Gondal ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	304.5	103.9	14.1
Cotton	Stalks	18.7	11.8	71.2	49.8	7.0
Groundnut	Stalks	46.2	57.8	115.5	11.6	1.5
Groundnut	Shell	46.2	57.8	17.3	12.1	1.5
Cotton	Bollshell	18.7	11.8	13.0	9.1	1.3
Cotton	Husk	18.7	11.8	13.0	9.1	1.3
Wheat	Pod	11.9	31.8	9.6	4.8	0.67
Wheat	Stalks	11.9	31.8	47.8	4.8	0.62
Til	Stalks	12.2	5.6	13.9	1.4	0.18
Cuminseed	Stalks	1.5	0.71	1.1	0.88	0.12
Bajra	Stalks	0.40	0.81	1.6	0.16	0.021
Bajra	Cobs	0.40	0.81	0.27	0.13	0.017
Bajra	Husk	0.40	0.81	0.24	0.061	0.0073
Total		90.9	108.5	608.9	207.7	28.2

Taluk level Residue-wise Data for Jamkandorna ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	96.3	33.3	4.5
Cotton	Stalks	5.7	3.6	21.8	15.3	2.1
Cotton	Bollshell	5.7	3.6	4.0	2.8	0.39
Cotton	Husk	5.7	3.6	4.0	2.8	0.39
Wheat	Pod	6.3	16.9	5.1	2.5	0.36
Wheat	Stalks	6.3	16.9	25.4	2.5	0.33
Groundnut	Stalks	10.0	12.5	24.9	2.5	0.32
Groundnut	Shell	10.0	12.5	3.7	2.6	0.31

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cuminseed	Stalks	2.4	1.1	1.8	1.4	0.20
Bajra	Stalks	0.59	1.2	2.4	0.24	0.031
Til	Stalks	2.1	0.95	2.4	0.24	0.031
Bajra	Cobs	0.59	1.2	0.40	0.20	0.026
Bajra	Husk	0.59	1.2	0.36	0.090	0.011
Coconut	Fronds	0.015	0.049	0.060	0.030	0.0042
Coconut	Husk & Pith	0.015	0.049	0.026	0.013	0.0017
Coconut	Shell	0.015	0.049	0.011	0.0086	0.0012
Total		27.1	36.4	192.7	66.5	9.1

Taluk level Residue-wise Data for Jasdan ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	209.1	83.1	11.3
Cotton	Stalks	16.8	10.6	63.7	44.6	6.2
Cotton	Bollshell	16.8	10.6	11.6	8.1	1.1
Cotton	Husk	16.8	10.6	11.6	8.1	1.1
Groundnut	Stalks	32.7	40.9	81.7	8.2	1.1
Groundnut	Shell	32.7	40.9	12.3	8.6	1.0
Cuminseed	Stalks	3.0	1.4	2.2	1.8	0.25
Til	Stalks	9.3	4.3	10.6	1.1	0.14
Wheat	Pod	1.5	4.1	1.2	0.62	0.087
Wheat	Stalks	1.5	4.1	6.2	0.62	0.080
Bajra	Stalks	1.4	3.0	5.9	0.59	0.077
Bajra	Cobs	1.4	3.0	0.98	0.49	0.063
Bajra	Husk	1.4	3.0	0.89	0.22	0.027
Coconut	Fronds	0.018	0.060	0.073	0.037	0.0051
Coconut	Husk & Pith	0.018	0.060	0.032	0.016	0.0021
Coconut	Shell	0.018	0.060	0.013	0.011	0.0015
Total		64.8	64.3	418.2	166.2	22.7

Taluk level Residue-wise Data for Jetpur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	234.5	68.4	9.3
Cotton	Stalks	10.0	6.3	37.9	26.5	3.7
Wheat	Pod	17.9	47.8	14.4	7.2	1.0
Wheat	Stalks	17.9	47.8	71.9	7.2	0.93
Groundnut	Stalks	27.4	34.3	68.6	6.9	0.89
Groundnut	Shell	27.4	34.3	10.3	7.2	0.86
Cotton	Bollshell	10.0	6.3	6.9	4.8	0.68
Cotton	Husk	10.0	6.3	6.9	4.8	0.68
Cuminseed	Stalks	2.4	1.1	1.8	1.4	0.20
Bajra	Stalks	2.1	4.4	8.8	0.88	0.11
Bajra	Cobs	2.1	4.4	1.5	0.73	0.095
Til	Stalks	3.7	1.7	4.3	0.43	0.055
Bajra	Husk	2.1	4.4	1.3	0.33	0.040
Total		63.5	95.7	468.9	136.8	18.5

Taluk level Residue-wise Data for Kottasangani ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	96.0	34.1	4.6
Cotton	Stalks	6.3	4.0	23.9	16.7	2.3
Cotton	Bollshell	6.3	4.0	4.4	3.0	0.43
Cotton	Husk	6.3	4.0	4.4	3.0	0.43
Groundnut	Stalks	11.5	14.4	28.9	2.9	0.38
Groundnut	Shell	11.5	14.4	4.3	3.0	0.36
Wheat	Pod	4.2	11.3	3.4	1.7	0.24
Wheat	Stalks	4.2	11.3	17.0	1.7	0.22
Cuminseed	Stalks	0.95	0.46	0.70	0.56	0.079
Bajra	Stalks	1.3	2.7	5.4	0.54	0.070
Bajra	Cobs	1.3	2.7	0.89	0.45	0.058
Til	Stalks	1.8	0.82	2.0	0.20	0.026
Bajra	Husk	1.3	2.7	0.81	0.20	0.024
Coconut	Fronds	0.0042	0.014	0.017	0.0085	0.0012
Coconut	Husk & Pith	0.0042	0.014	0.0074	0.0037	0.00048
Coconut	Shell	0.0042	0.014	0.0031	0.0024	0.00034
Total		26.1	33.7	192.1	68.2	9.3

Taluk level Residue-wise Data for Lodhika ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	161.6	57.1	7.7
Cotton	Stalks	10.4	6.6	39.6	27.7	3.9
Groundnut	Stalks	36.3	45.3	90.7	9.1	1.2
Groundnut	Shell	36.3	45.3	13.6	9.5	1.1
Cotton	Bollshell	10.4	6.6	7.2	5.1	0.71
Cotton	Husk	10.4	6.6	7.2	5.1	0.71
Cuminseed	Stalks	0.45	0.22	0.33	0.27	0.037
Wheat	Pod	0.59	1.6	0.48	0.24	0.033
Wheat	Stalks	0.59	1.6	2.4	0.24	0.031
Til	Stalks	0.061	0.028	0.069	0.0069	0.00090
Total		47.8	53.7	323.1	114.3	15.4

Taluk level Residue-wise Data for Maliya ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	32.8	7.4	0.96
Groundnut	Stalks	9.3	11.6	23.3	2.3	0.30
Groundnut	Shell	9.3	11.6	3.5	2.4	0.29
Cotton	Stalks	0.63	0.39	2.4	1.7	0.23
Cotton	Bollshell	0.63	0.39	0.43	0.30	0.042
Cotton	Husk	0.63	0.39	0.43	0.30	0.042
Til	Stalks	1.4	0.62	1.5	0.15	0.020
Wheat	Pod	0.15	0.41	0.12	0.061	0.0086
Wheat	Stalks	0.15	0.41	0.61	0.061	0.0080
Bajra	Stalks	0.083	0.17	0.34	0.034	0.0044
Bajra	Cobs	0.083	0.17	0.056	0.028	0.0037
Bajra	Husk	0.083	0.17	0.051	0.013	0.0015
Total		11.5	13.2	65.5	14.8	1.9

Taluk level Residue-wise Data for Morvi ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	479.0	156.2	21.1
Cotton	Stalks	23.6	14.9	89.7	62.8	8.8
Groundnut	Stalks	90.8	113.5	227.0	22.7	3.0
Groundnut	Shell	90.8	113.5	34.0	23.8	2.9
Cotton	Bollshell	23.6	14.9	16.4	11.4	1.6
Cotton	Husk	23.6	14.9	16.4	11.4	1.6
Cuminseed	Stalks	18.7	9.0	13.8	11.1	1.6
Wheat	Pod	11.7	31.2	9.4	4.7	0.66
Wheat	Stalks	11.7	31.2	46.9	4.7	0.61
Til	Stalks	10.3	4.7	11.7	1.2	0.15
Bajra	Stalks	2.3	4.7	9.4	0.94	0.12
Bajra	Cobs	2.3	4.7	1.6	0.78	0.10
Sugarcane	Tops & Leaves	0.40	27.2	1.4	0.34	0.048
Bajra	Husk	2.3	4.7	1.4	0.35	0.043
Total		157.7	205.2	958.0	312.5	42.2

Taluk level Residue-wise Data for Paddhari ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	183.7	73.4	10.1
Cotton	Stalks	15.3	9.7	58.3	40.8	5.7
Cotton	Bollshell	15.3	9.7	10.6	7.4	1.0
Cotton	Husk	15.3	9.7	10.6	7.4	1.0
Groundnut	Stalks	20.5	25.6	51.2	5.1	0.67
Groundnut	Shell	20.5	25.6	7.7	5.4	0.64
Wheat	Pod	8.4	22.4	6.7	3.4	0.47
Wheat	Stalks	8.4	22.4	33.7	3.4	0.44
Til	Stalks	4.0	1.8	4.5	0.45	0.059
Bajra	Stalks	0.064	0.13	0.26	0.026	0.0034
Bajra	Cobs	0.064	0.13	0.043	0.022	0.0028
Bajra	Husk	0.064	0.13	0.039	0.0098	0.0012
Total		48.2	59.6	367.4	146.8	20.2

Taluk level Residue-wise Data for Rajkot ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	224.4	79.8	10.9
Cotton	Stalks	14.8	9.3	56.2	39.4	5.5
Groundnut	Stalks	32.0	40.0	80.0	8.0	1.0
Groundnut	Shell	32.0	40.0	12.0	8.4	1.0
Cotton	Bollshell	14.8	9.3	10.3	7.2	1.0
Cotton	Husk	14.8	9.3	10.3	7.2	1.0
Wheat	Pod	10.7	28.8	8.7	4.3	0.61
Wheat	Stalks	10.7	28.8	43.3	4.3	0.56
Cuminseed	Stalks	1.3	0.61	0.94	0.76	0.11
Til	Stalks	2.1	0.98	2.4	0.24	0.031
Bajra	Stalks	0.071	0.15	0.29	0.029	0.0038
Bajra	Cobs	0.071	0.15	0.048	0.024	0.0031
Bajra	Husk	0.071	0.15	0.044	0.011	0.0013
Coconut	FronDs	0.0012	0.0040	0.0049	0.0025	0.00035
Coconut	Husk & Pith	0.0012	0.0040	0.0021	0.0011	0.00014
Coconut	Shell	0.0012	0.0040	0.00089	0.00071	9.96E-05
Total		61.0	79.9	448.8	159.7	21.8

Taluk level Residue-wise Data for Tankara ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	269.4	62.5	8.2
Cotton	Stalks	6.0	3.8	22.9	16.0	2.2
Bajra	Stalks	30.3	62.2	124.5	12.5	1.6
Bajra	Cobs	30.3	62.2	20.5	10.3	1.3
Groundnut	Stalks	24.3	30.4	60.8	6.1	0.79
Groundnut	Shell	24.3	30.4	9.1	6.4	0.77
Bajra	Husk	30.3	62.2	18.7	4.7	0.56
Cotton	Bollshell	6.0	3.8	4.2	2.9	0.41
Cotton	Husk	6.0	3.8	4.2	2.9	0.41
Cuminseed	Stalks	0.41	0.20	0.31	0.25	0.034
Wheat	Pod	0.52	1.4	0.41	0.21	0.029
Wheat	Stalks	0.52	1.4	2.1	0.21	0.027
Til	Stalks	1.5	0.71	1.8	0.18	0.023
Total		63.1	98.7	538.8	125.1	16.5

Taluk level Residue-wise Data for Upleta ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	70.8	21.8	2.9
Cotton	Stalks	3.5	2.2	13.4	9.4	1.3
Groundnut	Stalks	13.5	16.9	33.7	3.4	0.44
Groundnut	Shell	13.5	16.9	5.1	3.5	0.43
Cotton	Bollshell	3.5	2.2	2.4	1.7	0.24
Cotton	Husk	3.5	2.2	2.4	1.7	0.24
Wheat	Pod	2.3	6.0	1.8	0.91	0.13
Wheat	Stalks	2.3	6.0	9.1	0.91	0.12
Til	Stalks	2.2	1.0	2.5	0.25	0.033
Bajra	Stalks	0.071	0.14	0.29	0.029	0.0038
Bajra	Cobs	0.071	0.14	0.048	0.024	0.0031
Bajra	Husk	0.071	0.14	0.044	0.011	0.0013
Total		21.6	26.3	141.7	43.6	5.9

Taluk level Residue-wise Data for Vankaner ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	103.4	41.9	5.7
Cotton	Stalks	7.8	4.9	29.7	20.8	2.9
Groundnut	Stalks	16.6	20.8	41.5	4.2	0.54
Cotton	Bollshell	7.8	4.9	5.4	3.8	0.53
Cotton	Husk	7.8	4.9	5.4	3.8	0.53
Groundnut	Shell	16.6	20.8	6.2	4.4	0.52
Cuminseed	Stalks	5.9	2.8	4.4	3.5	0.49
Wheat	Pod	1.2	3.3	0.98	0.49	0.069
Wheat	Stalks	1.2	3.3	4.9	0.49	0.064
Til	Stalks	2.8	1.3	3.2	0.32	0.042
Bajra	Stalks	0.30	0.61	1.2	0.12	0.016
Bajra	Cobs	0.30	0.61	0.20	0.10	0.013
Bajra	Husk	0.30	0.61	0.18	0.046	0.0055
Coconut	FronDs	0.0017	0.0056	0.0068	0.0034	0.00048
Coconut	Husk & Pith	0.0017	0.0056	0.0029	0.0015	0.00019
Coconut	Shell	0.0017	0.0056	0.0012	0.00098	0.00014
Total		34.7	33.7	206.8	83.9	11.5

Taluk level Residue-wise Data for Bayad ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	19.5	3.4	0.46
Maize	Stalks	6.2	7.9	15.8	1.6	0.21
Maize	Cobs	6.2	7.9	2.4	1.2	0.17
Castorseed	Stalks	0.36	0.32	1.3	0.64	0.083
Castorseed	Husk	0.36	0.32	0.032	0.016	0.0019
Coconut	FronDs	0.0017	0.0057	0.0069	0.0034	0.00048
Coconut	Husk & Pith	0.0017	0.0057	0.0030	0.0015	0.00019
Coconut	Shell	0.0017	0.0057	0.0012	0.00099	0.00014
Total		6.6	8.2	38.9	6.8	0.91

Taluk level Residue-wise Data for Bhiloda ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	63.7	11.1	1.5
Maize	Stalks	20.5	25.8	51.8	5.2	0.67
Maize	Cobs	20.5	25.8	7.8	3.9	0.54
Castorseed	Stalks	1.1	0.94	3.8	1.9	0.25
Urad	Stalks	0.69	0.23	0.25	0.13	0.016
Castorseed	Husk	1.1	0.94	0.094	0.047	0.0057
Urad	Husk	0.69	0.23	0.046	0.023	0.0027
Total		22.3	27.0	127.4	22.3	3.0

Taluk level Residue-wise Data for Himatnagar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	206.5	33.5	4.4
Maize	Stalks	53.7	67.6	135.5	13.6	1.8
Maize	Cobs	53.7	67.6	20.3	10.2	1.4
Castorseed	Stalks	1.7	1.5	5.9	3.0	0.38
Bajra	Stalks	10.5	11.4	22.7	2.3	0.30
Bajra	Cobs	10.5	11.4	3.7	1.9	0.24

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Banana	Residue	0.10	3.6	10.9	1.1	0.14
Bajra	Husk	10.5	11.4	3.4	0.85	0.10
Wheat	Pod	1.3	2.1	0.63	0.31	0.044
Wheat	Stalks	1.3	2.1	3.1	0.31	0.041
Castorseed	Husk	1.7	1.5	0.15	0.074	0.0089
Total		67.3	86.2	412.9	66.9	8.9

Taluk level Residue-wise Data for Idar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	74.2	13.4	1.7
Arhar	Stalks	31.8	19.7	49.4	4.9	0.64
Castorseed	Stalks	2.0	1.8	7.1	3.5	0.46
Arhar	Husk	31.8	19.7	5.9	3.0	0.36
Maize	Stalks	3.0	3.8	7.6	0.76	0.099
Maize	Cobs	3.0	3.8	1.1	0.57	0.080
Groundnut	Stalks	1.6	1.3	2.5	0.25	0.033
Groundnut	Shell	1.6	1.3	0.38	0.26	0.032
Castorseed	Husk	2.0	1.8	0.18	0.088	0.011
Total		38.4	26.6	148.5	26.8	3.4

Taluk level Residue-wise Data for Khedbrahma ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	178.4	33.1	4.4
Maize	Stalks	54.3	68.4	137.1	13.7	1.8
Maize	Cobs	54.3	68.4	20.6	10.3	1.4
Castorseed	Stalks	4.6	4.0	16.1	8.0	1.0
Sugarcane	Tops & Leaves	0.60	38.1	1.9	0.48	0.067
Castorseed	Husk	4.6	4.0	0.40	0.20	0.024
Bajra	Stalks	0.81	0.87	1.7	0.17	0.023
Bajra	Cobs	0.81	0.87	0.29	0.14	0.019
Bajra	Husk	0.81	0.87	0.26	0.065	0.0078
Total		60.3	111.4	356.8	66.2	8.8

Taluk level Residue-wise Data for Malpur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	52.8	25.8	3.3
Castorseed	Stalks	12.8	11.2	45.1	22.5	2.9
Urad	Stalks	11.3	3.7	4.1	2.0	0.27
Castorseed	Husk	12.8	11.2	1.1	0.56	0.068
Urad	Husk	11.3	3.7	0.74	0.37	0.045
Arhar	Stalks	1.0	0.65	1.6	0.16	0.021
Arhar	Husk	1.0	0.65	0.19	0.097	0.012
Total		25.1	15.6	105.7	51.5	6.7

Taluk level Residue-wise Data for Malpuralpur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	4.9	0.75	0.10
Maize	Stalks	1.7	2.1	4.3	0.43	0.056
Maize	Cobs	1.7	2.1	0.65	0.32	0.045
Total		1.7	2.1	9.9	1.5	0.20

Taluk level Residue-wise Data for Meghraj ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	3.4	1.7	0.22
Castorseed	Stalks	0.95	0.83	3.3	1.7	0.22
Castorseed	Husk	0.95	0.83	0.084	0.042	0.0050
Total		0.95	0.83	6.9	3.4	0.44

Taluk level Residue-wise Data for Modasa ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	179.8	88.2	12.2
Cotton	Stalks	21.6	9.9	81.9	57.4	8.0
Cotton	Bollshell	21.6	9.9	10.9	7.6	1.1
Cotton	Husk	21.6	9.9	10.9	7.6	1.1
Castorseed	Stalks	3.2	2.8	11.2	5.6	0.73
Maize	Stalks	21.6	27.2	54.4	5.4	0.71
Maize	Cobs	21.6	27.2	8.2	4.1	0.57
Bajra	Stalks	0.68	0.74	1.5	0.15	0.019
Castorseed	Husk	3.2	2.8	0.28	0.14	0.017
Bajra	Cobs	0.68	0.74	0.24	0.12	0.016
Bajra	Husk	0.68	0.74	0.22	0.055	0.0066
Total		47.0	40.6	359.6	176.4	24.5

Taluk level Residue-wise Data for Prantij ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	187.5	33.0	4.3
Wheat	Pod	38.3	62.0	18.6	9.3	1.3
Wheat	Stalks	38.3	62.0	93.0	9.3	1.2
Groundnut	Stalks	38.3	30.6	61.3	6.1	0.80
Groundnut	Shell	38.3	30.6	9.2	6.4	0.77
Castorseed	Stalks	0.68	0.60	2.4	1.2	0.16
Maize	Stalks	0.84	1.1	2.1	0.21	0.028
Urad	Stalks	0.99	0.33	0.36	0.18	0.023
Maize	Cobs	0.84	1.1	0.32	0.16	0.022
Urad	Husk	0.99	0.33	0.065	0.033	0.0039
Castorseed	Husk	0.68	0.60	0.060	0.030	0.0036
Coconut	Fronds	0.010	0.034	0.041	0.021	0.0029
Coconut	Husk & Pith	0.010	0.034	0.018	0.0090	0.0012
Coconut	Shell	0.010	0.034	0.0075	0.0060	0.00084
Total		79.1	94.7	374.9	66.0	8.6

Taluk level Residue-wise Data for Talod ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	41.8	8.1	1.1
Wheat	Pod	8.0	12.9	3.9	1.9	0.27
Wheat	Stalks	8.0	12.9	19.4	1.9	0.25
Castorseed	Stalks	0.85	0.75	3.0	1.5	0.20
Bajra	Stalks	5.4	5.9	11.7	1.2	0.15
Bajra	Cobs	5.4	5.9	1.9	0.96	0.13
Bajra	Husk	5.4	5.9	1.8	0.44	0.053
Coconut	Fronds	0.018	0.060	0.074	0.037	0.0052
Castorseed	Husk	0.85	0.75	0.075	0.038	0.0045
Coconut	Husk & Pith	0.018	0.060	0.032	0.016	0.0021
Coconut	Shell	0.018	0.060	0.013	0.011	0.0015
Total		14.3	19.6	83.7	16.1	2.1

Taluk level Residue-wise Data for Vadali ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	4.2	1.1	0.14
Urad	Stalks	2.5	0.82	0.90	0.45	0.059
Bajra	Stalks	1.1	1.2	2.4	0.24	0.031
Bajra	Cobs	1.1	1.2	0.39	0.20	0.025
Bajra	Husk	1.1	1.2	0.36	0.089	0.011
Urad	Husk	2.5	0.82	0.16	0.082	0.0098
Total		3.6	2.0	8.4	2.1	0.27

Taluk level Residue-wise Data for Vijaynagar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	69.0	48.1	6.7
Cotton	Stalks	14.1	6.5	53.6	37.6	5.3
Cotton	Bollshell	14.1	6.5	7.1	5.0	0.70
Cotton	Husk	14.1	6.5	7.1	5.0	0.70
Castorseed	Stalks	0.30	0.27	1.1	0.54	0.070
Castorseed	Husk	0.30	0.27	0.027	0.013	0.0016
Total		14.4	6.8	138.1	96.2	13.5

Taluk level Residue-wise Data for Bardoli ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	46.5	8.5	0.99
Paddy	Straw	8.5	24.1	36.2	3.6	0.43
Paddy	Husk	8.5	24.1	4.8	3.9	0.42
Jowar	Stalks	0.52	0.82	1.4	0.28	0.036
Arhar	Stalks	1.0	0.70	1.7	0.17	0.023
Groundnut	Stalks	0.48	0.69	1.4	0.14	0.018
Groundnut	Shell	0.48	0.69	0.21	0.14	0.017
Arhar	Husk	1.0	0.70	0.21	0.10	0.013
Jowar	Cobs	0.52	0.82	0.41	0.082	0.012
Jowar	Husk	0.52	0.82	0.16	0.082	0.0099
Total		10.5	26.3	93.0	17.0	2.0

Taluk level Residue-wise Data for Choryasi ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	166.8	28.1	3.5
Banana	Residue	0.36	23.0	68.9	6.9	0.90
Paddy	Straw	11.0	31.2	46.8	4.7	0.56
Paddy	Husk	11.0	31.2	6.2	5.0	0.55
Jowar	Stalks	6.6	10.5	17.8	3.6	0.46
Cotton	Stalks	0.80	0.38	3.0	2.1	0.30
Sugarcane	Tops & Leaves	1.7	128.0	6.4	1.6	0.22
Jowar	Cobs	6.6	10.5	5.2	1.0	0.15
Jowar	Husk	6.6	10.5	2.1	1.0	0.13
Groundnut	Stalks	1.1	1.6	3.3	0.33	0.043
Groundnut	Shell	1.1	1.6	0.50	0.35	0.042
Cotton	Bollshell	0.80	0.38	0.42	0.30	0.041
Cotton	Husk	0.80	0.38	0.42	0.30	0.041
Arhar	Stalks	1.8	1.2	3.1	0.31	0.040
Wheat	Pod	0.70	1.2	0.37	0.18	0.026
Wheat	Stalks	0.70	1.2	1.8	0.18	0.024
Arhar	Husk	1.8	1.2	0.37	0.18	0.022
Total		24.1	197.2	333.6	56.1	7.1

Taluk level Residue-wise Data for Kamrej ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	169.7	34.7	4.6
Sugarcane	Tops & Leaves	21.7	1596.5	79.8	20.0	2.8
Arhar	Stalks	23.1	15.9	39.7	4.0	0.52
Paddy	Straw	9.0	25.4	38.2	3.8	0.46
Paddy	Husk	9.0	25.4	5.1	4.1	0.45
Arhar	Husk	23.1	15.9	4.8	2.4	0.29
Jowar	Stalks	0.54	0.86	1.5	0.29	0.038
Jowar	Cobs	0.54	0.86	0.43	0.086	0.012
Jowar	Husk	0.54	0.86	0.17	0.086	0.010
Total		54.4	1638.8	339.3	69.3	9.1

Taluk level Residue-wise Data for Mahuva ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	10.3	2.1	0.26
Jowar	Stalks	1.6	2.5	4.3	0.86	0.11
Jowar	Cobs	1.6	2.5	1.3	0.25	0.035
Paddy	Straw	0.66	1.9	2.8	0.28	0.034
Paddy	Husk	0.66	1.9	0.38	0.30	0.033
Jowar	Husk	1.6	2.5	0.50	0.25	0.030
Arhar	Stalks	0.52	0.36	0.90	0.090	0.012
Arhar	Husk	0.52	0.36	0.11	0.054	0.0064
Total		2.8	4.8	20.5	4.2	0.52

Taluk level Residue-wise Data for Mandvi ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	110.1	23.5	3.1
Jowar	Stalks	13.9	22.2	37.7	7.5	0.98
Sugarcane	Tops & Leaves	6.4	469.3	23.5	5.9	0.82
Jowar	Cobs	13.9	22.2	11.1	2.2	0.31

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jowar	Husk	13.9	22.2	4.4	2.2	0.27
Wheat	Pod	6.4	11.2	3.3	1.7	0.23
Wheat	Stalks	6.4	11.2	16.7	1.7	0.22
Paddy	Straw	1.9	5.3	7.9	0.79	0.095
Paddy	Husk	1.9	5.3	1.1	0.85	0.093
Arhar	Stalks	1.3	0.90	2.3	0.23	0.029
Groundnut	Stalks	0.54	0.77	1.5	0.15	0.020
Groundnut	Shell	0.54	0.77	0.23	0.16	0.019
Arhar	Husk	1.3	0.90	0.27	0.14	0.016
Total		30.4	509.6	220.2	47.0	6.2

Taluk level Residue-wise Data for Mangrol ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	124.8	24.9	3.0
Paddy	Straw	17.8	50.5	75.8	7.6	0.91
Paddy	Husk	17.8	50.5	10.1	8.1	0.89
Groundnut	Stalks	5.7	8.2	16.5	1.6	0.21
Groundnut	Shell	5.7	8.2	2.5	1.7	0.21
Coconut	FronDs	0.61	2.0	2.5	1.2	0.17
Jowar	Stalks	2.3	3.7	6.3	1.3	0.16
Sugarcane	Tops & Leaves	0.65	47.8	2.4	0.60	0.084
Coconut	Husk & Pith	0.61	2.0	1.1	0.53	0.069
Cotton	Stalks	0.16	0.077	0.61	0.43	0.060
Jowar	Cobs	2.3	3.7	1.8	0.37	0.052
Coconut	Shell	0.61	2.0	0.44	0.36	0.050
Arhar	Stalks	2.1	1.4	3.6	0.36	0.046
Jowar	Husk	2.3	3.7	0.74	0.37	0.044
Arhar	Husk	2.1	1.4	0.43	0.21	0.026
Cotton	Bollshell	0.16	0.077	0.085	0.059	0.0083
Cotton	Husk	0.16	0.077	0.085	0.059	0.0083
Total		29.4	113.7	249.5	49.7	6.0

Taluk level Residue-wise Data for Nizar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	102.9	18.9	2.2
Paddy	Straw	19.8	56.1	84.2	8.4	1.0
Paddy	Husk	19.8	56.1	11.2	9.0	0.99
Jowar	Stalks	1.1	1.8	3.0	0.60	0.078
Arhar	Stalks	1.1	0.76	1.9	0.19	0.025
Jowar	Cobs	1.1	1.8	0.88	0.18	0.025
Jowar	Husk	1.1	1.8	0.35	0.18	0.021
Arhar	Husk	1.1	0.76	0.23	0.11	0.014
Groundnut	Stalks	0.33	0.48	0.95	0.095	0.012
Groundnut	Shell	0.33	0.48	0.14	0.10	0.012
Total		22.4	59.1	205.7	37.7	4.4

Taluk level Residue-wise Data for Olpad ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	1.7	0.31	0.039
Jowar	Stalks	0.14	0.23	0.39	0.077	0.010
Arhar	Stalks	0.24	0.17	0.42	0.042	0.0054
Groundnut	Stalks	0.12	0.18	0.36	0.036	0.0046
Groundnut	Shell	0.12	0.18	0.054	0.037	0.0045
Jowar	Cobs	0.14	0.23	0.11	0.023	0.0032
Arhar	Husk	0.24	0.17	0.050	0.025	0.0030
Paddy	Straw	0.058	0.16	0.24	0.024	0.0029
Paddy	Husk	0.058	0.16	0.033	0.026	0.0029
Jowar	Husk	0.14	0.23	0.045	0.023	0.0027
Total		0.56	0.73	3.4	0.63	0.078

Taluk level Residue-wise Data for Palsana ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	3.7	0.61	0.077
Arhar	Stalks	1.2	0.80	2.0	0.20	0.026
Arhar	Husk	1.2	0.80	0.24	0.12	0.014
Jowar	Stalks	0.20	0.32	0.54	0.11	0.014
Paddy	Straw	0.14	0.40	0.59	0.059	0.0071
Paddy	Husk	0.14	0.40	0.079	0.063	0.0070
Jowar	Cobs	0.20	0.32	0.16	0.032	0.0044
Jowar	Husk	0.20	0.32	0.063	0.032	0.0038
Total		1.5	1.5	7.3	1.2	0.15

Taluk level Residue-wise Data for Sonagadh ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	383.7	68.0	9.3
Sugarcane	Tops & Leaves	43.6	3202.7	160.1	40.0	5.6
Banana	Residue	0.99	63.8	191.3	19.1	2.5
Cotton	Stalks	1.1	0.54	4.3	3.0	0.42
Jowar	Stalks	1.9	3.1	5.2	1.0	0.14
Wheat	Pod	2.1	3.8	1.1	0.56	0.079
Wheat	Stalks	2.1	3.8	5.6	0.56	0.073
Groundnut	Stalks	1.6	2.3	4.7	0.47	0.061
Groundnut	Shell	1.6	2.3	0.70	0.49	0.059
Cotton	Bollshell	1.1	0.54	0.60	0.42	0.058
Cotton	Husk	1.1	0.54	0.60	0.42	0.058
Paddy	Straw	0.99	2.8	4.2	0.42	0.051
Paddy	Husk	0.99	2.8	0.56	0.45	0.049
Jowar	Cobs	1.9	3.1	1.5	0.31	0.043
Jowar	Husk	1.9	3.1	0.61	0.31	0.037
Arhar	Stalks	1.3	0.92	2.3	0.23	0.030
Arhar	Husk	1.3	0.92	0.28	0.14	0.017
Total		53.7	3279.9	767.3	135.9	18.5

Taluk level Residue-wise Data for Surat City ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	21.4	4.8	0.64
Jowar	Stalks	3.3	5.2	8.9	1.8	0.23
Sugarcane	Tops & Leaves	1.7	123.1	6.2	1.5	0.22
Jowar	Cobs	3.3	5.2	2.6	0.52	0.073
Jowar	Husk	3.3	5.2	1.0	0.52	0.063
Arhar	Stalks	0.67	0.46	1.1	0.11	0.015
Groundnut	Stalks	0.33	0.48	0.96	0.096	0.012
Groundnut	Shell	0.33	0.48	0.14	0.10	0.012
Arhar	Husk	0.67	0.46	0.14	0.069	0.0082
Paddy	Straw	0.067	0.19	0.29	0.029	0.0034
Paddy	Husk	0.067	0.19	0.038	0.030	0.0033
Total		6.0	129.4	42.8	9.6	1.3

Taluk level Residue-wise Data for Uchchhal ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	151.4	37.1	5.2
Sugarcane	Tops & Leaves	37.9	2785.8	139.3	34.8	4.9
Jowar	Stalks	1.2	1.9	3.2	0.63	0.082
Paddy	Straw	0.87	2.5	3.7	0.37	0.045
Paddy	Husk	0.87	2.5	0.50	0.40	0.044
Jowar	Cobs	1.2	1.9	0.93	0.19	0.026
Jowar	Husk	1.2	1.9	0.37	0.19	0.022
Arhar	Stalks	1.0	0.69	1.7	0.17	0.022
Groundnut	Stalks	0.46	0.66	1.3	0.13	0.017
Groundnut	Shell	0.46	0.66	0.20	0.14	0.017
Arhar	Husk	1.0	0.69	0.21	0.10	0.012
Total		41.4	2791.5	302.8	74.3	10.3

Taluk level Residue-wise Data for Umarpada ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	7.8	1.4	0.17
Paddy	Straw	1.3	3.6	5.4	0.54	0.065
Paddy	Husk	1.3	3.6	0.72	0.58	0.064
Jowar	Stalks	0.21	0.34	0.58	0.12	0.015
Arhar	Stalks	0.43	0.30	0.74	0.074	0.0096
Arhar	Husk	0.43	0.30	0.089	0.045	0.0053
Jowar	Cobs	0.21	0.34	0.17	0.034	0.0048
Jowar	Husk	0.21	0.34	0.068	0.034	0.0041
Total		1.9	4.3	15.6	2.8	0.34

Taluk level Residue-wise Data for Valod ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	82.0	15.0	1.7
Paddy	Straw	16.9	47.7	71.6	7.2	0.86
Paddy	Husk	16.9	47.7	9.5	7.6	0.84
Jowar	Stalks	0.23	0.37	0.62	0.12	0.016
Jowar	Cobs	0.23	0.37	0.18	0.037	0.0051
Jowar	Husk	0.23	0.37	0.073	0.037	0.0044
Total		17.1	48.1	164.1	30.0	3.5

Taluk level Residue-wise Data for Vyara ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	173.4	21.6	2.8
Banana	Residue	0.76	49.3	147.8	14.8	1.9
Cotton	Stalks	0.67	0.32	2.5	1.8	0.25
Paddy	Straw	2.3	6.5	9.8	0.98	0.12
Paddy	Husk	2.3	6.5	1.3	1.0	0.11
Jowar	Stalks	1.5	2.3	3.9	0.79	0.10
Coconut	Fronds	0.18	0.60	0.73	0.37	0.051
Arhar	Stalks	1.9	1.3	3.2	0.32	0.041

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Bollshell	0.67	0.32	0.35	0.25	0.035
Cotton	Husk	0.67	0.32	0.35	0.25	0.035
Jowar	Cobs	1.5	2.3	1.2	0.23	0.032
Jowar	Husk	1.5	2.3	0.46	0.23	0.028
Arhar	Husk	1.9	1.3	0.38	0.19	0.023
Coconut	Husk & Pith	0.18	0.60	0.32	0.16	0.021
Coconut	Shell	0.18	0.60	0.13	0.11	0.015
Groundnut	Stalks	0.30	0.43	0.87	0.087	0.011
Groundnut	Shell	0.30	0.43	0.13	0.091	0.011
Total		7.5	60.7	346.8	43.3	5.6

Taluk level Residue-wise Data for Chotila ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	49.6	30.0	4.2
Cotton	Stalks	9.2	2.9	34.8	24.4	3.4
Cotton	Bollshell	9.2	2.9	3.2	2.3	0.32
Cotton	Husk	9.2	2.9	3.2	2.3	0.32
Til	Stalks	4.5	1.8	4.6	0.46	0.060
Groundnut	Stalks	1.3	1.6	3.2	0.32	0.042
Groundnut	Shell	1.3	1.6	0.48	0.34	0.041
Sugarcane	Tops & Leaves	0.0027	0.19	0.0094	0.0023	0.00033
Total		15.0	6.6	99.1	60.0	8.4

Taluk level Residue-wise Data for Chuda ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	122.1	72.5	10.1
Cotton	Stalks	21.4	6.8	81.2	56.9	8.0
Cotton	Bollshell	21.4	6.8	7.5	5.3	0.74
Cotton	Husk	21.4	6.8	7.5	5.3	0.74
Bajra	Stalks	3.7	7.5	15.1	1.5	0.20
Cuminseed	Stalks	3.1	1.1	1.7	1.3	0.19
Bajra	Cobs	3.7	7.5	2.5	1.2	0.16

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bajra	Husk	3.7	7.5	2.3	0.56	0.068
Til	Stalks	3.8	1.6	3.9	0.39	0.051
Groundnut	Stalks	0.15	0.19	0.37	0.037	0.0049
Groundnut	Shell	0.15	0.19	0.056	0.039	0.0047
Total		32.2	17.2	244.2	145.0	20.2

Taluk level Residue-wise Data for Dasada ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	90.9	29.7	4.1
Cotton	Stalks	6.7	2.1	25.4	17.8	2.5
Til	Stalks	23.4	9.6	24.0	2.4	0.31
Bajra	Stalks	4.8	9.9	19.9	2.0	0.26
Cotton	Bollshell	6.7	2.1	2.3	1.6	0.23
Cotton	Husk	6.7	2.1	2.3	1.6	0.23
Bajra	Cobs	4.8	9.9	3.3	1.6	0.21
Groundnut	Stalks	3.8	4.6	9.2	0.92	0.12
Groundnut	Shell	3.8	4.6	1.4	0.97	0.12
Bajra	Husk	4.8	9.9	3.0	0.75	0.090
Total		38.7	26.3	181.7	59.4	8.1

Taluk level Residue-wise Data for Dhrangadhra ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	347.9	156.0	21.5
Cotton	Stalks	39.4	12.6	149.8	104.8	14.7
Cotton	Bollshell	39.4	12.6	13.9	9.7	1.4
Cotton	Husk	39.4	12.6	13.9	9.7	1.4
Bajra	Stalks	22.1	45.3	90.6	9.1	1.2
Bajra	Cobs	22.1	45.3	14.9	7.5	0.97
Cuminseed	Stalks	13.6	4.6	7.1	5.7	0.80
Bajra	Husk	22.1	45.3	13.6	3.4	0.41
Til	Stalks	20.3	8.3	20.8	2.1	0.27

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Pod	4.6	8.5	2.5	1.3	0.18
Wheat	Stalks	4.6	8.5	12.7	1.3	0.17
Groundnut	Stalks	2.9	3.5	7.0	0.70	0.091
Groundnut	Shell	2.9	3.5	1.1	0.74	0.088
Total		102.8	82.8	695.8	311.9	43.1

Taluk level Residue-wise Data for Halvad ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	390.7	192.8	26.7
Cotton	Stalks	53.0	17.0	201.5	141.1	19.7
Cotton	Bollshell	53.0	17.0	18.7	13.1	1.8
Cotton	Husk	53.0	17.0	18.7	13.1	1.8
Bajra	Stalks	18.3	37.4	74.9	7.5	0.97
Bajra	Cobs	18.3	37.4	12.4	6.2	0.80
Wheat	Pod	10.2	18.8	5.6	2.8	0.40
Wheat	Stalks	10.2	18.8	28.2	2.8	0.37
Bajra	Husk	18.3	37.4	11.2	2.8	0.34
Cuminseed	Stalks	2.7	0.90	1.4	1.1	0.16
Til	Stalks	10.2	4.2	10.5	1.0	0.14
Groundnut	Stalks	2.7	3.3	6.5	0.65	0.085
Groundnut	Shell	2.7	3.3	0.98	0.69	0.082
Total		97.0	81.6	781.4	385.7	53.5

Taluk level Residue-wise Data for Lakhtar ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	17.6	6.6	0.92
Cotton	Stalks	1.8	0.57	6.7	4.7	0.66
Til	Stalks	8.1	3.3	8.4	0.84	0.11
Cotton	Bollshell	1.8	0.57	0.62	0.44	0.061
Cotton	Husk	1.8	0.57	0.62	0.44	0.061
Groundnut	Stalks	0.46	0.56	1.1	0.11	0.015
Groundnut	Shell	0.46	0.56	0.17	0.12	0.014
Total		10.4	4.5	35.2	13.3	1.8

Taluk level Residue-wise Data for Limbdi ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	168.9	102.8	14.3
Cotton	Stalks	31.3	10.0	119.0	83.3	11.7
Cotton	Bollshell	31.3	10.0	11.0	7.7	1.1
Cotton	Husk	31.3	10.0	11.0	7.7	1.1
Groundnut	Stalks	4.7	5.7	11.4	1.1	0.15
Til	Stalks	10.9	4.5	11.2	1.1	0.15
Groundnut	Shell	4.7	5.7	1.7	1.2	0.14
Bajra	Stalks	0.65	1.3	2.7	0.27	0.035
Bajra	Cobs	0.65	1.3	0.44	0.22	0.029
Bajra	Husk	0.65	1.3	0.40	0.10	0.012
Total		47.6	21.6	337.7	205.5	28.7

Taluk level Residue-wise Data for Muli ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	214.8	103.2	14.3
Cotton	Stalks	27.9	8.9	105.9	74.1	10.4
Cotton	Bollshell	27.9	8.9	9.8	6.9	0.96
Cotton	Husk	27.9	8.9	9.8	6.9	0.96
Groundnut	Stalks	10.1	12.3	24.6	2.5	0.32
Groundnut	Shell	10.1	12.3	3.7	2.6	0.31
Til	Stalks	18.6	7.6	19.1	1.9	0.25
Cuminseed	Stalks	4.2	1.4	2.2	1.8	0.25
Bajra	Stalks	4.3	8.7	17.5	1.8	0.23
Wheat	Pod	5.0	9.2	2.8	1.4	0.19
Bajra	Cobs	4.3	8.7	2.9	1.4	0.19
Wheat	Stalks	5.0	9.2	13.9	1.4	0.18
Bajra	Husk	4.3	8.7	2.6	0.66	0.079
Total		70.0	48.3	429.5	206.4	28.6

Taluk level Residue-wise Data for Sayla ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	110.5	64.1	8.9
Cotton	Stalks	19.1	6.1	72.4	50.7	7.1
Cotton	Bollshell	19.1	6.1	6.7	4.7	0.66
Cotton	Husk	19.1	6.1	6.7	4.7	0.66
Bajra	Stalks	3.6	7.5	14.9	1.5	0.19
Bajra	Cobs	3.6	7.5	2.5	1.2	0.16
Bajra	Husk	3.6	7.5	2.2	0.56	0.067
Groundnut	Stalks	1.2	1.4	2.8	0.28	0.037
Groundnut	Shell	1.2	1.4	0.43	0.30	0.036
Til	Stalks	1.7	0.70	1.7	0.17	0.023
Total		25.6	15.7	221.0	128.3	17.9

Taluk level Residue-wise Data for Vadhvan ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	228.4	69.6	9.4
Cotton	Stalks	13.0	4.2	49.3	34.5	4.8
Bajra	Stalks	26.2	53.8	107.7	10.8	1.4
Bajra	Cobs	26.2	53.8	17.8	8.9	1.2
Bajra	Husk	26.2	53.8	16.2	4.0	0.48
Cotton	Bollshell	13.0	4.2	4.6	3.2	0.45
Cotton	Husk	13.0	4.2	4.6	3.2	0.45
Wheat	Pod	4.5	8.2	2.5	1.2	0.17
Wheat	Stalks	4.5	8.2	12.3	1.2	0.16
Cuminseed	Stalks	2.3	0.79	1.2	0.97	0.14
Til	Stalks	7.9	3.2	8.1	0.81	0.10
Groundnut	Stalks	1.5	1.9	3.7	0.37	0.048
Groundnut	Shell	1.5	1.9	0.56	0.39	0.047
Total		55.3	72.0	456.8	139.2	18.9

Taluk level Residue-wise Data for Dangs ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	64.5	15.0	1.9
Gram	Stalks	6.0	3.0	3.3	2.7	0.35
Paddy	Straw	14.1	16.2	24.2	2.4	0.29
Paddy	Husk	14.1	16.2	3.2	2.6	0.28
Jowar	Stalks	5.5	6.3	10.7	2.1	0.28
Urad	Stalks	4.0	2.0	2.2	1.1	0.14
Groundnut	Stalks	4.3	3.6	7.2	0.72	0.093
Groundnut	Shell	4.3	3.6	1.1	0.76	0.091
Jowar	Cobs	5.5	6.3	3.2	0.63	0.088
Arhar	Stalks	4.1	2.6	6.5	0.65	0.084
Jowar	Husk	5.5	6.3	1.3	0.63	0.076
Arhar	Husk	4.1	2.6	0.77	0.39	0.046
Urad	Husk	4.0	2.0	0.39	0.20	0.024
Soyabean	Stalks	0.28	0.28	0.47	0.094	0.012
Sugarcane	Tops & Leaves	0.020	1.0	0.050	0.013	0.0018
Total		38.4	35.0	128.9	29.9	3.7

Taluk level Residue-wise Data for Chhota-Udepur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	413.5	121.4	16.7
Cotton	Stalks	27.0	9.4	102.4	71.7	10.0
Banana	Residue	0.86	63.4	190.1	19.0	2.5
Cotton	Bollshell	27.0	9.4	10.4	7.3	1.0
Cotton	Husk	27.0	9.4	10.4	7.3	1.0
Maize	Stalks	22.2	37.0	74.1	7.4	0.96
Maize	Cobs	22.2	37.0	11.1	5.6	0.78
Wheat	Pod	2.2	5.0	1.5	0.74	0.10
Wheat	Stalks	2.2	5.0	7.4	0.74	0.097
Jowar	Stalks	1.9	2.0	3.4	0.69	0.089
Coconut	Fronds	0.19	0.64	0.78	0.39	0.054
Jowar	Cobs	1.9	2.0	1.0	0.20	0.028
Jowar	Husk	1.9	2.0	0.40	0.20	0.024
Coconut	Husk & Pith	0.19	0.64	0.34	0.17	0.022
Coconut	Shell	0.19	0.64	0.14	0.11	0.016
Total		54.2	117.5	826.9	242.9	33.4

Taluk level Residue-wise Data for Dabhoi ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	218.4	29.8	3.9
Banana	Residue	0.66	48.7	146.1	14.6	1.9
Arhar	Stalks	23.3	17.4	43.3	4.3	0.56
Cotton	Stalks	1.4	0.49	5.3	3.7	0.52
Arhar	Husk	23.3	17.4	5.2	2.6	0.31
Urad	Stalks	2.5	1.6	1.8	0.90	0.12
Maize	Stalks	2.6	4.3	8.6	0.86	0.11
Sugarcane	Tops & Leaves	0.79	53.7	2.7	0.67	0.094
Maize	Cobs	2.6	4.3	1.3	0.64	0.090
Cotton	Bollshell	1.4	0.49	0.54	0.38	0.053
Cotton	Husk	1.4	0.49	0.54	0.38	0.053
Jowar	Stalks	0.51	0.55	0.93	0.19	0.024
Urad	Husk	2.5	1.6	0.33	0.16	0.020
Wheat	Pod	0.32	0.75	0.22	0.11	0.016
Wheat	Stalks	0.32	0.75	1.1	0.11	0.015
Jowar	Cobs	0.51	0.55	0.27	0.055	0.0076
Jowar	Husk	0.51	0.55	0.11	0.055	0.0065
Total		32.0	127.5	436.7	59.6	7.8

Taluk level Residue-wise Data for Jetpur-Pavi ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	300.6	80.0	11.0
Cotton	Stalks	16.8	5.9	63.7	44.6	6.2
Banana	Residue	0.72	53.0	159.0	15.9	2.1
Cotton	Bollshell	16.8	5.9	6.5	4.5	0.63
Cotton	Husk	16.8	5.9	6.5	4.5	0.63
Maize	Stalks	12.9	21.5	43.0	4.3	0.56
Maize	Cobs	12.9	21.5	6.5	3.2	0.45
Paddy	Straw	3.9	4.8	7.1	0.71	0.086
Paddy	Husk	3.9	4.8	0.95	0.76	0.084
Sugarcane	Tops & Leaves	0.39	26.2	1.3	0.33	0.046
Wheat	Pod	0.95	2.2	0.65	0.33	0.046
Wheat	Stalks	0.95	2.2	3.3	0.33	0.042
Jowar	Stalks	0.84	0.90	1.5	0.31	0.040
Jowar	Cobs	0.84	0.90	0.45	0.090	0.013
Jowar	Husk	0.84	0.90	0.18	0.090	0.011
Total		36.4	114.4	601.1	160.0	21.9

Taluk level Residue-wise Data for Karjan ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	338.2	175.7	24.4
Cotton	Stalks	50.0	17.5	190.0	133.0	18.6
Cotton	Bollshell	50.0	17.5	19.2	13.5	1.9
Cotton	Husk	50.0	17.5	19.2	13.5	1.9
Arhar	Stalks	49.8	37.4	92.8	9.3	1.2
Arhar	Husk	49.8	37.4	11.1	5.6	0.67
Wheat	Pod	1.0	2.4	0.71	0.36	0.050
Wheat	Stalks	1.0	2.4	3.6	0.36	0.046
Maize	Stalks	0.36	0.60	1.2	0.12	0.016
Maize	Cobs	0.36	0.60	0.18	0.090	0.013
Banana	Residue	0.00061	0.045	0.13	0.013	0.0018
Total		101.2	57.9	676.4	351.4	48.8

Taluk level Residue-wise Data for Kawant ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	54.2	31.6	4.4
Cotton	Stalks	9.2	3.2	35.1	24.6	3.4
Cotton	Bollshell	9.2	3.2	3.6	2.5	0.35
Cotton	Husk	9.2	3.2	3.6	2.5	0.35
Maize	Stalks	2.4	4.1	8.1	0.81	0.11
Sugarcane	Tops & Leaves	0.75	51.3	2.6	0.64	0.090
Maize	Cobs	2.4	4.1	1.2	0.61	0.085
Total		12.4	58.6	108.3	63.3	8.8

Taluk level Residue-wise Data for Naswadi ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	103.9	27.2	3.4
Cotton	Stalks	3.5	1.2	13.3	9.3	1.3
Paddy	Straw	37.4	45.7	68.6	6.9	0.82
Paddy	Husk	37.4	45.7	9.1	7.3	0.80
Cotton	Bollshell	3.5	1.2	1.3	0.94	0.13
Cotton	Husk	3.5	1.2	1.3	0.94	0.13
Maize	Stalks	2.0	3.3	6.6	0.66	0.086
Maize	Cobs	2.0	3.3	0.99	0.50	0.070
Coconut	FronDs	0.078	0.26	0.31	0.16	0.022
Wheat	Pod	0.33	0.76	0.23	0.11	0.016
Wheat	Stalks	0.33	0.76	1.1	0.11	0.015
Jowar	Stalks	0.29	0.31	0.52	0.10	0.014
Coconut	Husk & Pith	0.078	0.26	0.14	0.068	0.0088
Coconut	Shell	0.078	0.26	0.056	0.045	0.0063
Jowar	Cobs	0.29	0.31	0.15	0.031	0.0043
Jowar	Husk	0.29	0.31	0.062	0.031	0.0037
Total		43.6	51.5	207.8	54.3	6.9

Taluk level Residue-wise Data for Padra ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	154.5	98.9	13.8
Cotton	Stalks	29.9	10.5	113.7	79.6	11.1
Cotton	Bollshell	29.9	10.5	11.5	8.1	1.1
Cotton	Husk	29.9	10.5	11.5	8.1	1.1
Maize	Stalks	4.1	6.9	13.7	1.4	0.18
Maize	Cobs	4.1	6.9	2.1	1.0	0.14
Urad	Stalks	1.4	0.92	1.0	0.50	0.066
Urad	Husk	1.4	0.92	0.18	0.092	0.011
Wheat	Pod	0.18	0.41	0.12	0.062	0.0087
Wheat	Stalks	0.18	0.41	0.62	0.062	0.0081
Banana	Residue	5.80E-05	0.0043	0.013	0.0013	0.00017
Total		35.6	18.7	309.1	197.8	27.6

Taluk level Residue-wise Data for Sankheda ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	184.2	55.2	7.6
Cotton	Stalks	11.5	4.0	43.6	30.5	4.3
Banana	Residue	0.32	23.4	70.2	7.0	0.91
Cotton	Bollshell	11.5	4.0	4.4	3.1	0.43
Cotton	Husk	11.5	4.0	4.4	3.1	0.43
Maize	Stalks	6.8	11.3	22.6	2.3	0.29
Maize	Cobs	6.8	11.3	3.4	1.7	0.24
Jowar	Stalks	4.7	5.0	8.6	1.7	0.22
Urad	Stalks	4.4	2.9	3.1	1.6	0.20
Arhar	Stalks	8.0	6.0	14.9	1.5	0.19
Arhar	Husk	8.0	6.0	1.8	0.89	0.11
Jowar	Cobs	4.7	5.0	2.5	0.50	0.071
Jowar	Husk	4.7	5.0	1.0	0.50	0.060
Urad	Husk	4.4	2.9	0.57	0.29	0.034
Wheat	Pod	0.56	1.3	0.38	0.19	0.027
Sugarcane	Tops & Leaves	0.22	14.7	0.73	0.18	0.026
Wheat	Stalks	0.56	1.3	1.9	0.19	0.025
Total		36.4	68.6	368.3	110.4	15.1

Taluk level Residue-wise Data for Savli ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	382.1	100.8	13.7
Cotton	Stalks	20.3	7.1	77.0	53.9	7.5
Banana	Residue	0.89	66.2	198.5	19.9	2.6
Cotton	Bollshell	20.3	7.1	7.8	5.5	0.76
Cotton	Husk	20.3	7.1	7.8	5.5	0.76
Arhar	Stalks	14.6	10.9	27.1	2.7	0.35
Paddy	Straw	13.7	16.7	25.1	2.5	0.30
Paddy	Husk	13.7	16.7	3.4	2.7	0.29
Jowar	Stalks	5.5	5.9	10.1	2.0	0.26
Arhar	Husk	14.6	10.9	3.3	1.6	0.20
Maize	Stalks	2.3	3.8	7.5	0.75	0.098
Wheat	Pod	1.7	4.0	1.2	0.60	0.084
Jowar	Cobs	5.5	5.9	3.0	0.59	0.083
Urad	Stalks	1.8	1.1	1.3	0.63	0.082
Maize	Cobs	2.3	3.8	1.1	0.57	0.079
Wheat	Stalks	1.7	4.0	6.0	0.60	0.078
Jowar	Husk	5.5	5.9	1.2	0.59	0.071
Sugarcane	Tops & Leaves	0.14	9.4	0.47	0.12	0.016
Urad	Husk	1.8	1.1	0.23	0.11	0.014
Total		60.9	125.2	764.2	201.6	27.3

Taluk level Residue-wise Data for Shinor ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	8.0	5.6	0.78
Cotton	Stalks	1.7	0.61	6.6	4.6	0.65
Cotton	Bollshell	1.7	0.61	0.67	0.47	0.066
Cotton	Husk	1.7	0.61	0.67	0.47	0.066
Banana	Residue	8.30E-05	0.0061	0.018	0.0018	0.00024
Maize	Stalks	0.00089	0.0015	0.0030	0.00030	3.87E-05
Maize	Cobs	0.00089	0.0015	0.00045	0.00022	3.13E-05
Wheat	Pod	0.00040	0.00093	0.00028	0.00014	1.95E-05
Wheat	Stalks	0.00040	0.00093	0.0014	0.00014	1.81E-05
Total		1.7	0.62	15.9	11.1	1.6

Taluk level Residue-wise Data for Vadodara ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	76.6	15.0	2.0
Cotton	Stalks	2.3	0.81	8.8	6.1	0.86
Banana	Residue	0.24	18.1	54.2	5.4	0.70
Maize	Stalks	2.1	3.5	7.0	0.70	0.091
Cotton	Bollshell	2.3	0.81	0.89	0.62	0.087
Cotton	Husk	2.3	0.81	0.89	0.62	0.087
Maize	Cobs	2.1	3.5	1.1	0.53	0.074
Urad	Stalks	0.92	0.60	0.66	0.33	0.043
Wheat	Pod	0.55	1.3	0.38	0.19	0.027
Sugarcane	Tops & Leaves	0.21	14.4	0.72	0.18	0.025
Wheat	Stalks	0.55	1.3	1.9	0.19	0.025
Urad	Husk	0.92	0.60	0.12	0.060	0.0072
Total		6.3	38.7	153.2	30.0	4.1

Taluk level Residue-wise Data for Vaghodiya ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	340.0	52.2	7.0
Banana	Residue	1.2	87.8	263.3	26.3	3.4
Cotton	Stalks	5.2	1.8	19.9	13.9	1.9
Maize	Stalks	7.9	13.2	26.4	2.6	0.34
Maize	Cobs	7.9	13.2	4.0	2.0	0.28
Wheat	Pod	4.4	10.2	3.1	1.5	0.21
Wheat	Stalks	4.4	10.2	15.3	1.5	0.20
Cotton	Bollshell	5.2	1.8	2.0	1.4	0.20
Cotton	Husk	5.2	1.8	2.0	1.4	0.20
Urad	Stalks	2.2	1.4	1.6	0.79	0.10
Sugarcane	Tops & Leaves	0.63	43.1	2.2	0.54	0.075
Urad	Husk	2.2	1.4	0.29	0.14	0.017
Total		21.6	157.5	680.0	104.5	14.0

Taluk level Residue-wise Data for Dharampur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	82.3	17.4	2.4
Sugarcane	Tops & Leaves	13.3	806.2	40.3	10.1	1.4
Banana	Residue	0.16	8.8	26.5	2.7	0.34
Coconut	FronDs	0.84	2.8	3.4	1.7	0.24
Coconut	Husk & Pith	0.84	2.8	1.5	0.73	0.095
Coconut	Shell	0.84	2.8	0.61	0.49	0.068
Paddy	Straw	1.2	3.0	4.6	0.46	0.055
Paddy	Husk	1.2	3.0	0.61	0.49	0.053
Arhar	Stalks	3.0	1.6	4.0	0.40	0.052
Arhar	Husk	3.0	1.6	0.48	0.24	0.029
Urad	Stalks	0.50	0.28	0.31	0.15	0.020
Urad	Husk	0.50	0.28	0.056	0.028	0.0034
Total		19.1	822.7	164.6	34.8	4.7

Taluk level Residue-wise Data for Kaprada ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	70.2	15.9	2.0
Sugarcane	Tops & Leaves	8.5	516.0	25.8	6.4	0.90
Paddy	Straw	8.8	21.6	32.4	3.2	0.39
Paddy	Husk	8.8	21.6	4.3	3.5	0.38
Coconut	FronDs	0.55	1.8	2.2	1.1	0.15
Coconut	Husk & Pith	0.55	1.8	0.95	0.48	0.062
Urad	Stalks	1.1	0.63	0.70	0.35	0.045
Coconut	Shell	0.55	1.8	0.40	0.32	0.044
Banana	Residue	0.011	0.57	1.7	0.17	0.022
Arhar	Stalks	1.1	0.57	1.4	0.14	0.018
Arhar	Husk	1.1	0.57	0.17	0.085	0.010
Urad	Husk	1.1	0.63	0.13	0.063	0.0076
Total		20.1	541.2	140.4	31.7	4.1

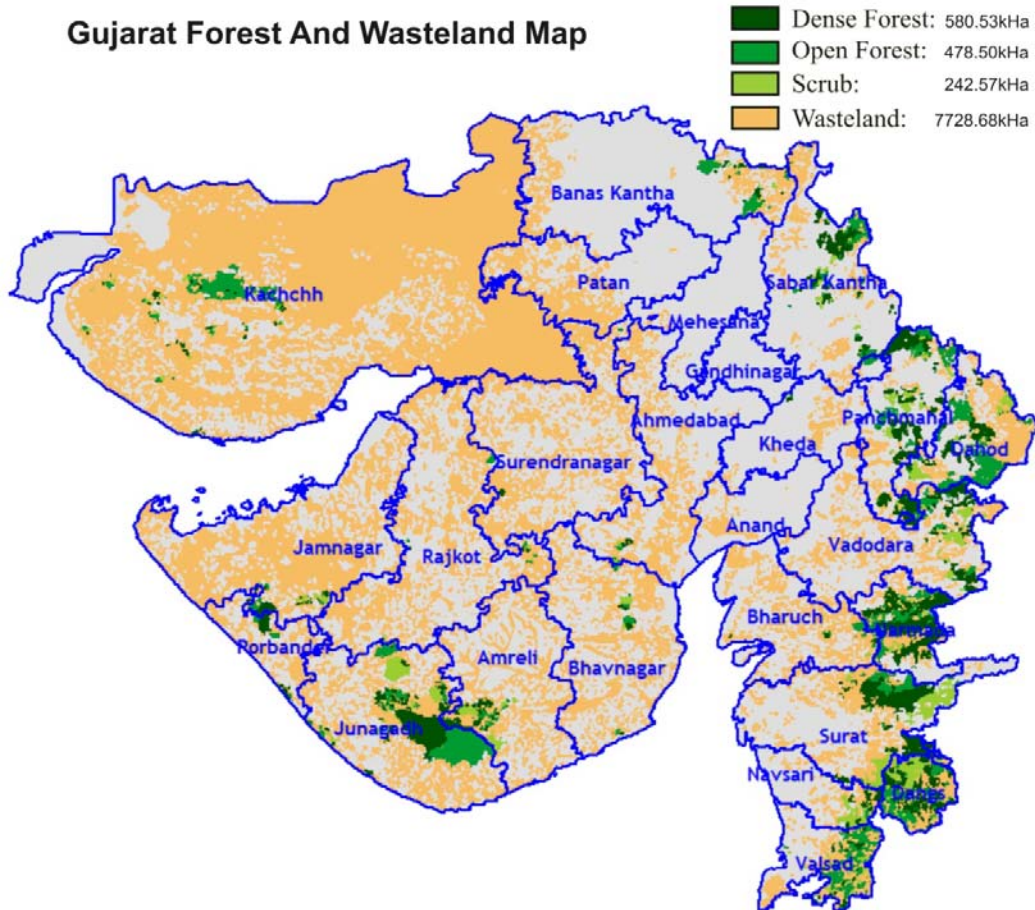
Taluk level Residue-wise Data for Pardi ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	10.4	2.8	0.36
Coconut	FronDs	0.34	1.1	1.4	0.68	0.095
Paddy	Straw	1.7	4.3	6.4	0.64	0.077
Paddy	Husk	1.7	4.3	0.85	0.68	0.075
Coconut	Husk & Pith	0.34	1.1	0.59	0.29	0.038
Coconut	Shell	0.34	1.1	0.24	0.20	0.027
Urad	Stalks	0.49	0.28	0.31	0.15	0.020
Sugarcane	Tops & Leaves	0.17	10.1	0.50	0.13	0.018
Urad	Husk	0.49	0.28	0.056	0.028	0.0033
Arhar	Stalks	0.092	0.049	0.12	0.012	0.0016
Arhar	Husk	0.092	0.049	0.015	0.0073	0.00087
Total		2.8	15.8	20.9	5.6	0.71

Taluk level Residue-wise Data for Umargaon ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	29.9	6.3	0.77
Paddy	Straw	5.0	12.4	18.5	1.9	0.22
Paddy	Husk	5.0	12.4	2.5	2.0	0.22
Sugarcane	Tops & Leaves	1.9	112.3	5.6	1.4	0.20
Urad	Stalks	2.1	1.2	1.3	0.67	0.087
Arhar	Stalks	1.1	0.60	1.5	0.15	0.019
Urad	Husk	2.1	1.2	0.24	0.12	0.015
Arhar	Husk	1.1	0.60	0.18	0.089	0.011
Coconut	FronDs	0.0012	0.0039	0.0047	0.0024	0.00033
Coconut	Husk & Pith	0.0012	0.0039	0.0020	0.0010	0.00013
Coconut	Shell	0.0012	0.0039	0.00085	0.00068	9.49E-05
Total		10.2	126.4	59.7	12.5	1.5

Taluk level Residue-wise Data for Valsad ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0	0	183.6	34.1	3.9
Paddy	Straw	43.1	106.1	158.9	15.9	1.9
Paddy	Husk	43.1	106.1	21.2	17.0	1.9
Coconut	FronDs	0.21	0.67	0.82	0.41	0.057
Sugarcane	Tops & Leaves	0.32	19.2	0.96	0.24	0.034
Coconut	Husk & Pith	0.21	0.67	0.36	0.18	0.023
Urad	Stalks	0.44	0.25	0.27	0.14	0.018
Coconut	Shell	0.21	0.67	0.15	0.12	0.017
Arhar	Stalks	0.58	0.31	0.77	0.077	0.010
Arhar	Husk	0.58	0.31	0.092	0.046	0.0055
Urad	Husk	0.44	0.25	0.050	0.025	0.0030
Total		44.7	126.5	367.2	68.2	7.9

Forest

Gujarat Forest And Wasteland Map



State Level Residue Wise

State level Residue-wise Data for Gujarat; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	580.5	281.7	200.5	28.1	Dense Forest
Others	Branches	580.5	241.4	171.8	24.1	Dense Forest
Others	Twigs	580.5	241.4	171.8	24.1	Dense Forest
Others	Bark	580.5	241.4	171.8	24.1	Dense Forest
Others	Leaves	478.5	82.9	57.1	8.0	Open Forest
Others	Bark	478.5	71.1	49.0	6.9	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Branches	478.5	71.1	49.0	6.9	Open Forest
Others	Twigs	478.5	71.1	49.0	6.9	Open Forest
Teak	Leaves	580.5	26.7	19.0	2.7	Dense Forest
Teak	Bark	580.5	22.9	16.3	2.3	Dense Forest
Teak	Branches	580.5	22.9	16.3	2.3	Dense Forest
Teak	Twigs	580.5	22.9	16.3	2.3	Dense Forest
Others	Leaves	242.6	16.8	11.5	1.6	Scrub
Others	Bark	242.6	14.4	9.9	1.4	Scrub
Others	Branches	242.6	14.4	9.9	1.4	Scrub
Others	Twigs	242.6	14.4	9.9	1.4	Scrub
Teak	Leaves	478.5	7.9	5.4	0.76	Open Forest
Teak	Twigs	478.5	6.7	4.6	0.65	Open Forest
Teak	Branches	478.5	6.7	4.6	0.65	Open Forest
Teak	Bark	478.5	6.7	4.6	0.65	Open Forest
Bamboo	Stalk	580.5	5.4	3.8	0.54	Dense Forest
Eucalyptus	Leaves	580.5	2.8	2.0	0.28	Dense Forest
Eucalyptus	Bark	580.5	2.4	1.7	0.24	Dense Forest
Eucalyptus	Branches	580.5	2.4	1.7	0.24	Dense Forest
Eucalyptus	Twigs	580.5	2.4	1.7	0.24	Dense Forest
Catechu	Leaves	580.5	1.6	1.1	0.16	Dense Forest
Bamboo	Stalk	478.5	1.6	1.1	0.15	Open Forest
Teak	Leaves	242.6	1.6	1.1	0.15	Scrub
Catechu	Branches	580.5	1.3	0.96	0.13	Dense Forest
Catechu	Twigs	580.5	1.3	0.96	0.13	Dense Forest
Catechu	Bark	580.5	1.3	0.96	0.13	Dense Forest
Teak	Bark	242.6	1.4	0.93	0.13	Scrub
Teak	Branches	242.6	1.4	0.93	0.13	Scrub
Teak	Twigs	242.6	1.4	0.93	0.13	Scrub
Eucalyptus	Leaves	478.5	0.83	0.57	0.080	Open Forest
Eucalyptus	Twigs	478.5	0.71	0.49	0.069	Open Forest
Eucalyptus	Bark	478.5	0.71	0.49	0.069	Open Forest
Eucalyptus	Branches	478.5	0.71	0.49	0.069	Open Forest
Catechu	Leaves	478.5	0.46	0.32	0.045	Open Forest
Catechu	Twigs	478.5	0.40	0.27	0.038	Open Forest
Catechu	Bark	478.5	0.40	0.27	0.038	Open Forest
Catechu	Branches	478.5	0.40	0.27	0.038	Open Forest
Bamboo	Stalk	242.6	0.32	0.22	0.031	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Bamboo	Leaves	580.5	0.21	0.15	0.021	Dense Forest
Eucalyptus	Leaves	242.6	0.17	0.12	0.016	Scrub
Eucalyptus	Branches	242.6	0.14	0.099	0.014	Scrub
Eucalyptus	Twigs	242.6	0.14	0.099	0.014	Scrub
Eucalyptus	Bark	242.6	0.14	0.099	0.014	Scrub
Catechu	Leaves	242.6	0.094	0.064	0.0090	Scrub
Catechu	Branches	242.6	0.080	0.055	0.0077	Scrub
Catechu	Bark	242.6	0.080	0.055	0.0077	Scrub
Catechu	Twigs	242.6	0.080	0.055	0.0077	Scrub
Bamboo	Leaves	478.5	0.062	0.043	0.0060	Open Forest
Bamboo	Leaves	242.6	0.013	0.0086	0.0012	Scrub
Total		1301.6	1520.2	1072.6	150.2	

State Level District Wise

State level District-wise Data for Gujarat ; Biomass Class : Forest				
District	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Narmada	140.6	211.3	169.1	23.7
Surat	176.7	202.3	150.0	21.0
Junagadh	188.8	219.7	145.3	20.3
The dangs	123.7	161.4	106.7	14.9
Panchmahal	108.2	153.2	101.3	14.2
Dahod	99.9	107.6	86.1	12.1
Vadodara	67.5	86.4	57.1	8.0
Sabarkantha	64.4	78.9	52.2	7.3
Valsad	93.1	67.1	44.4	6.2
Kachchh	72.7	59.5	39.3	5.5
Amreli	43.0	43.8	29.0	4.1
Navsari	29.8	26.3	21.1	3.0
Porbander	14.9	24.6	19.7	2.8
Jamnagar	18.4	23.4	15.5	2.2
Banaskantha	22.4	19.2	12.7	1.8
Bharuch	13.1	10.3	6.8	0.95

District	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bhavnagar	9.1	8.0	5.3	0.74
Surendranagar	2.8	4.5	3.0	0.42
Kheda	4.3	4.2	2.8	0.39
Rajkot	4.5	4.2	2.8	0.39
Ahmedabad	3.8	4.1	2.7	0.38
Total	1301.6	1520.2	1072.6	150.2

State Level Taluk Wise

State level Taluk-wise Data for Gujarat ; Biomass Class : Forest					
District	Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
The dangs	Dangs	123.7	161.4	106.7	14.9
Narmada	Dediapada	69.9	125.7	100.6	14.1
Surat	Sonagadh	62.7	117.2	93.8	13.1
Narmada	Nandod	68.5	81.8	65.4	9.2
Junagadh	Talala	49.7	96.2	63.6	8.9
Junagadh	Visavadar	32.3	49.1	32.5	4.5
Sabarkantha	Vijaynagar	40.2	48.4	32.0	4.5
Junagadh	Una	62.8	43.4	28.7	4.0
Amreli	Dhari	34.5	41.5	27.4	3.8
Vadodara	Chhota-Udepur	26.1	41.1	27.2	3.8
Kachchh	Bhuj	55.0	39.6	26.2	3.7
Surat	Mandvi	19.5	37.2	24.6	3.4
Dahod	Limkheda	24.8	29.3	23.4	3.3
Valsad	Dharampur	45.9	34.9	23.1	3.2
Panchmahal	Kadana	24.1	34.6	22.9	3.2
Valsad	Kaprada	46.7	31.8	21.0	2.9
Navsari	Vansda	28.6	25.9	20.7	2.9
Dahod	Dhanpur	27.9	23.9	19.1	2.7
Panchmahal	Khanpur	14.2	27.4	18.1	2.5
Porbander	Ranavav	10.1	18.1	14.5	2.0
Vadodara	Jetpur-Pavi	23.4	20.7	13.7	1.9
Panchmahal	Halol	11.6	19.8	13.1	1.8
Dahod	Dahod	9.0	15.9	12.7	1.8

District	Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Dahod	Devgadhbaria	13.7	15.6	12.5	1.7
Jamnagar	Bhanvad	11.5	18.7	12.4	1.7
Panchmahal	Shahera	16.9	17.4	11.5	1.6
Vadodara	Kawant	12.1	17.1	11.3	1.6
Surat	Umarpada	23.1	16.4	10.8	1.5
Panchmahal	Godhara	10.7	15.8	10.5	1.5
Panchmahal	Jambughoda	10.3	14.5	9.6	1.3
Junagadh	Junagadh	28.8	14.0	9.2	1.3
Dahod	Jhalod	8.9	9.5	7.6	1.1
Banaskantha	Danta	12.5	11.2	7.4	1.0
Surat	Uchchhal	38.0	10.6	7.0	0.98
Bharuch	Jhaghadia	11.4	9.5	6.3	0.88
Dahod	Ghoghamba	11.6	7.7	6.2	0.86
Kachchh	Nakhtrana	9.6	8.6	5.7	0.79
Junagadh	Mendarda	5.9	8.2	5.4	0.76
Porbander	Porbandar	4.8	6.5	5.2	0.73
Sabarkantha	Malpur	5.7	7.8	5.1	0.72
Surat	Mangrol	5.2	7.4	4.9	0.68
Surat	Vyara	23.2	7.3	4.8	0.67
Sabarkantha	Bhiloda	6.8	7.2	4.7	0.66
Panchmahal	Kalol(Panchmahals)	3.7	7.0	4.6	0.65
Panchmahal	Lunawada	6.5	6.8	4.5	0.63
Vadodara	Sankheda	3.7	6.7	4.5	0.62
Junagadh	Mangrol	7.3	6.4	4.2	0.59
Banaskantha	Amirgadh	8.4	6.1	4.1	0.57
Kachchh	Mandvi	2.9	5.3	3.5	0.49
Panchmahal	Morva	3.4	5.3	3.5	0.49
Sabarkantha	Khedbrahma	2.8	4.9	3.3	0.46
Jamnagar	Jamjodhpur	6.8	4.5	3.0	0.42
Panchmahal	Santrampur	7.0	4.5	3.0	0.42
Narmada	Sagbara	2.0	3.7	3.0	0.41
Surat	Mahuva	2.2	4.3	2.9	0.40
Surendranagar	Chotila	2.1	4.1	2.7	0.38
Sabarkantha	Idar	2.7	4.0	2.7	0.37
Sabarkantha	Himatnagar	3.7	3.8	2.5	0.35
Ahmedabad	Barwala	3.5	3.7	2.5	0.35
Dahod	Fatepura	1.7	3.0	2.4	0.34

District	Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bhavnagar	Vallabhipur	5.1	3.6	2.4	0.33
Kachchh	Lakhpatt	2.4	3.1	2.1	0.29
Dahod	Garbada	2.2	2.6	2.1	0.29
Bhavnagar	Shihor	2.6	2.8	1.9	0.26
Kachchh	Abadasa	2.5	2.4	1.6	0.22
Amreli	Khambha	8.2	2.3	1.5	0.21
Kheda	Virpur	3.2	2.2	1.5	0.21
Kheda	Kathlall	1.1	2.0	1.3	0.19
Surat	Nizar	2.8	1.9	1.3	0.18
Rajkot	Vankaner	2.4	1.7	1.1	0.16
Banaskantha	Palanpur	1.1	1.3	0.85	0.12
Junagadh	Veraval	0.57	1.1	0.73	0.10
Sabarkantha	Modasa	1.3	1.1	0.72	0.10
Rajkot	Dhoraji	0.85	1.1	0.71	0.099
Rajkot	Jasdan	0.93	1.0	0.69	0.097
Bhavnagar	Mahuva	0.90	0.92	0.61	0.085
Junagadh	Bhesan	0.42	0.81	0.53	0.075
Vadodara	Naswadi	2.2	0.78	0.52	0.072
Sabarkantha	Meghraj	0.42	0.78	0.51	0.072
Sabarkantha	Vadali	0.30	0.58	0.39	0.054
Junagadh	Maliya	0.91	0.56	0.37	0.052
Navsari	Chikhli	1.2	0.43	0.34	0.048
Kachchh	Rann_Of_Kachchh	0.28	0.50	0.33	0.046
Valsad	Pardi	0.47	0.44	0.29	0.041
Bharuch	Valiya	1.5	0.44	0.29	0.040
Banaskantha	Dantiwada	0.34	0.42	0.28	0.039
Surendranagar	Dasada	0.61	0.39	0.26	0.036
Bhavnagar	Botad	0.42	0.38	0.25	0.035
Rajkot	Lodhika	0.31	0.33	0.22	0.031
Ahmedabad	Dhandhuka	0.23	0.33	0.22	0.031
Sabarkantha	Bayad	0.40	0.33	0.22	0.030
Bhavnagar	Bhavnagar	0.17	0.32	0.21	0.030
Bharuch	Vagara	0.22	0.31	0.21	0.029
Narmada	Tilakwada	0.17	0.12	0.092	0.013
Jamnagar	Lalpur	0.071	0.14	0.090	0.013
Banaskantha	Vadgam	0.070	0.14	0.090	0.013
Amreli	Savarkundla	0.37	0.10	0.068	0.0096

District	Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sabarkantha	Dhansura	0.077	0.053	0.035	0.0049
Surendranagar	Muli	0.023	0.037	0.025	0.0034
Rajkot	Jetpur	0.0042	0.0081	0.0054	0.00075
Total		1301.6	1520.2	1072.6	150.2

District Level Residue Wise

District level Residue-wise Data for Ahmedabad; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.4	0.67	0.44	0.062	Dense Forest
Others	Twigs	1.4	0.58	0.38	0.053	Dense Forest
Others	Bark	1.4	0.58	0.38	0.053	Dense Forest
Others	Branches	1.4	0.58	0.38	0.053	Dense Forest
Others	Leaves	1.8	0.31	0.20	0.028	Open Forest
Others	Twigs	1.8	0.26	0.17	0.024	Open Forest
Others	Branches	1.8	0.26	0.17	0.024	Open Forest
Others	Bark	1.8	0.26	0.17	0.024	Open Forest
Teak	Leaves	1.4	0.064	0.042	0.0059	Dense Forest
Teak	Twigs	1.4	0.055	0.036	0.0051	Dense Forest
Teak	Bark	1.4	0.055	0.036	0.0051	Dense Forest
Teak	Branches	1.4	0.055	0.036	0.0051	Dense Forest
Others	Leaves	0.60	0.041	0.027	0.0038	Scrub
Others	Twigs	0.60	0.035	0.023	0.0033	Scrub
Others	Bark	0.60	0.035	0.023	0.0033	Scrub
Others	Branches	0.60	0.035	0.023	0.0033	Scrub
Teak	Leaves	1.8	0.029	0.019	0.0027	Open Forest
Teak	Twigs	1.8	0.025	0.016	0.0023	Open Forest
Teak	Branches	1.8	0.025	0.016	0.0023	Open Forest
Teak	Bark	1.8	0.025	0.016	0.0023	Open Forest
Bamboo	Stalk	1.4	0.013	0.0085	0.0012	Dense Forest
Eucalyptus	Leaves	1.4	0.0067	0.0045	0.00062	Dense Forest
Bamboo	Stalk	1.8	0.0059	0.0039	0.00054	Open Forest
Eucalyptus	Bark	1.4	0.0058	0.0038	0.00054	Dense Forest
Eucalyptus	Branches	1.4	0.0058	0.0038	0.00054	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Twigs	1.4	0.0058	0.0038	0.00054	Dense Forest
Teak	Leaves	0.60	0.0039	0.0026	0.00036	Scrub
Catechu	Leaves	1.4	0.0037	0.0025	0.00035	Dense Forest
Teak	Bark	0.60	0.0034	0.0022	0.00031	Scrub
Teak	Branches	0.60	0.0034	0.0022	0.00031	Scrub
Teak	Twigs	0.60	0.0034	0.0022	0.00031	Scrub
Catechu	Twigs	1.4	0.0032	0.0021	0.00030	Dense Forest
Catechu	Bark	1.4	0.0032	0.0021	0.00030	Dense Forest
Catechu	Branches	1.4	0.0032	0.0021	0.00030	Dense Forest
Eucalyptus	Leaves	1.8	0.0031	0.0020	0.00029	Open Forest
Eucalyptus	Twigs	1.8	0.0026	0.0017	0.00024	Open Forest
Eucalyptus	Branches	1.8	0.0026	0.0017	0.00024	Open Forest
Eucalyptus	Bark	1.8	0.0026	0.0017	0.00024	Open Forest
Catechu	Leaves	1.8	0.0017	0.0011	0.00016	Open Forest
Catechu	Twigs	1.8	0.0015	0.00097	0.00014	Open Forest
Catechu	Branches	1.8	0.0015	0.00097	0.00014	Open Forest
Catechu	Bark	1.8	0.0015	0.00097	0.00014	Open Forest
Bamboo	Stalk	0.60	0.00079	0.00052	7.35E-05	Scrub
Bamboo	Leaves	1.4	0.00050	0.00033	4.64E-05	Dense Forest
Eucalyptus	Leaves	0.60	0.00042	0.00027	3.85E-05	Scrub
Eucalyptus	Twigs	0.60	0.00036	0.00024	3.30E-05	Scrub
Eucalyptus	Bark	0.60	0.00036	0.00024	3.30E-05	Scrub
Eucalyptus	Branches	0.60	0.00036	0.00024	3.30E-05	Scrub
Catechu	Leaves	0.60	0.00023	0.00015	2.14E-05	Scrub
Bamboo	Leaves	1.8	0.00023	0.00015	2.12E-05	Open Forest
Catechu	Bark	0.60	0.00020	0.00013	1.83E-05	Scrub
Catechu	Branches	0.60	0.00020	0.00013	1.83E-05	Scrub
Catechu	Twigs	0.60	0.00020	0.00013	1.83E-05	Scrub
Bamboo	Leaves	0.60	3.09E-05	2.04E-05	2.86E-06	Scrub
Total		3.8	4.1	2.7	0.38	

District level Residue-wise Data for Amreli; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	16.8	8.1	5.4	0.75	Dense Forest
Others	Twigs	16.8	7.0	4.6	0.65	Dense Forest
Others	Bark	16.8	7.0	4.6	0.65	Dense Forest
Others	Branches	16.8	7.0	4.6	0.65	Dense Forest
Others	Leaves	10.0	1.7	1.1	0.16	Open Forest
Others	Twigs	10.0	1.5	0.98	0.14	Open Forest
Others	Branches	10.0	1.5	0.98	0.14	Open Forest
Others	Bark	10.0	1.5	0.98	0.14	Open Forest
Others	Leaves	16.2	1.1	0.74	0.10	Scrub
Others	Twigs	16.2	0.96	0.64	0.089	Scrub
Others	Bark	16.2	0.96	0.64	0.089	Scrub
Others	Branches	16.2	0.96	0.64	0.089	Scrub
Teak	Leaves	16.8	0.77	0.51	0.071	Dense Forest
Teak	Twigs	16.8	0.66	0.44	0.061	Dense Forest
Teak	Bark	16.8	0.66	0.44	0.061	Dense Forest
Teak	Branches	16.8	0.66	0.44	0.061	Dense Forest
Teak	Leaves	10.0	0.16	0.11	0.015	Open Forest
Bamboo	Stalk	16.8	0.16	0.10	0.014	Dense Forest
Teak	Branches	10.0	0.14	0.093	0.013	Open Forest
Teak	Bark	10.0	0.14	0.093	0.013	Open Forest
Teak	Twigs	10.0	0.14	0.093	0.013	Open Forest
Teak	Leaves	16.2	0.11	0.071	0.0099	Scrub
Teak	Twigs	16.2	0.091	0.060	0.0085	Scrub
Teak	Bark	16.2	0.091	0.060	0.0085	Scrub
Teak	Branches	16.2	0.091	0.060	0.0085	Scrub
Eucalyptus	Leaves	16.8	0.082	0.054	0.0076	Dense Forest
Eucalyptus	Twigs	16.8	0.070	0.046	0.0065	Dense Forest
Eucalyptus	Bark	16.8	0.070	0.046	0.0065	Dense Forest
Eucalyptus	Branches	16.8	0.070	0.046	0.0065	Dense Forest
Catechu	Leaves	16.8	0.045	0.030	0.0042	Dense Forest
Catechu	Twigs	16.8	0.039	0.026	0.0036	Dense Forest
Catechu	Bark	16.8	0.039	0.026	0.0036	Dense Forest
Catechu	Branches	16.8	0.039	0.026	0.0036	Dense Forest
Bamboo	Stalk	10.0	0.033	0.022	0.0031	Open Forest
Bamboo	Stalk	16.2	0.022	0.014	0.0020	Scrub
Eucalyptus	Leaves	10.0	0.017	0.012	0.0016	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Twigs	10.0	0.015	0.0099	0.0014	Open Forest
Eucalyptus	Branches	10.0	0.015	0.0099	0.0014	Open Forest
Eucalyptus	Bark	10.0	0.015	0.0099	0.0014	Open Forest
Eucalyptus	Leaves	16.2	0.011	0.0075	0.0010	Scrub
Eucalyptus	Twigs	16.2	0.0097	0.0064	0.00090	Scrub
Eucalyptus	Bark	16.2	0.0097	0.0064	0.00090	Scrub
Eucalyptus	Branches	16.2	0.0097	0.0064	0.00090	Scrub
Catechu	Leaves	10.0	0.0097	0.0064	0.00090	Open Forest
Catechu	Twigs	10.0	0.0083	0.0055	0.00077	Open Forest
Catechu	Branches	10.0	0.0083	0.0055	0.00077	Open Forest
Catechu	Bark	10.0	0.0083	0.0055	0.00077	Open Forest
Catechu	Leaves	16.2	0.0063	0.0041	0.00058	Scrub
Bamboo	Leaves	16.8	0.0061	0.0040	0.00056	Dense Forest
Catechu	Bark	16.2	0.0054	0.0036	0.00050	Scrub
Catechu	Branches	16.2	0.0054	0.0036	0.00050	Scrub
Catechu	Twigs	16.2	0.0054	0.0036	0.00050	Scrub
Bamboo	Leaves	10.0	0.0013	0.00086	0.00012	Open Forest
Bamboo	Leaves	16.2	0.00084	0.00055	7.77E-05	Scrub
Total		43.0	43.8	29.0	4.1	

District level Residue-wise Data for Banaskantha; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	16.5	2.9	1.9	0.26	Open Forest
Others	Branches	16.5	2.5	1.6	0.23	Open Forest
Others	Twigs	16.5	2.5	1.6	0.23	Open Forest
Others	Bark	16.5	2.5	1.6	0.23	Open Forest
Others	Leaves	3.7	1.8	1.2	0.17	Dense Forest
Others	Twigs	3.7	1.5	1.0	0.14	Dense Forest
Others	Bark	3.7	1.5	1.0	0.14	Dense Forest
Others	Branches	3.7	1.5	1.0	0.14	Dense Forest
Teak	Leaves	16.5	0.27	0.18	0.025	Open Forest
Teak	Twigs	16.5	0.23	0.15	0.022	Open Forest
Teak	Bark	16.5	0.23	0.15	0.022	Open Forest
Teak	Branches	16.5	0.23	0.15	0.022	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Leaves	3.7	0.17	0.11	0.016	Dense Forest
Others	Leaves	2.2	0.15	0.10	0.014	Scrub
Teak	Bark	3.7	0.15	0.097	0.014	Dense Forest
Teak	Branches	3.7	0.15	0.097	0.014	Dense Forest
Teak	Twigs	3.7	0.15	0.097	0.014	Dense Forest
Others	Twigs	2.2	0.13	0.087	0.012	Scrub
Others	Branches	2.2	0.13	0.087	0.012	Scrub
Others	Bark	2.2	0.13	0.087	0.012	Scrub
Bamboo	Stalk	16.5	0.055	0.036	0.0051	Open Forest
Bamboo	Stalk	3.7	0.034	0.023	0.0032	Dense Forest
Eucalyptus	Leaves	16.5	0.029	0.019	0.0027	Open Forest
Eucalyptus	Twigs	16.5	0.025	0.016	0.0023	Open Forest
Eucalyptus	Bark	16.5	0.025	0.016	0.0023	Open Forest
Eucalyptus	Branches	16.5	0.025	0.016	0.0023	Open Forest
Eucalyptus	Leaves	3.7	0.018	0.012	0.0017	Dense Forest
Catechu	Leaves	16.5	0.016	0.011	0.0015	Open Forest
Eucalyptus	Twigs	3.7	0.015	0.010	0.0014	Dense Forest
Eucalyptus	Bark	3.7	0.015	0.010	0.0014	Dense Forest
Eucalyptus	Branches	3.7	0.015	0.010	0.0014	Dense Forest
Teak	Leaves	2.2	0.015	0.0096	0.0014	Scrub
Catechu	Twigs	16.5	0.014	0.0090	0.0013	Open Forest
Catechu	Branches	16.5	0.014	0.0090	0.0013	Open Forest
Catechu	Bark	16.5	0.014	0.0090	0.0013	Open Forest
Teak	Twigs	2.2	0.013	0.0083	0.0012	Scrub
Teak	Bark	2.2	0.013	0.0083	0.0012	Scrub
Teak	Branches	2.2	0.013	0.0083	0.0012	Scrub
Catechu	Leaves	3.7	0.010	0.0066	0.00093	Dense Forest
Catechu	Twigs	3.7	0.0086	0.0057	0.00080	Dense Forest
Catechu	Bark	3.7	0.0086	0.0057	0.00080	Dense Forest
Catechu	Branches	3.7	0.0086	0.0057	0.00080	Dense Forest
Bamboo	Stalk	2.2	0.0030	0.0020	0.00027	Scrub
Bamboo	Leaves	16.5	0.0021	0.0014	0.00020	Open Forest
Eucalyptus	Leaves	2.2	0.0015	0.0010	0.00014	Scrub
Bamboo	Leaves	3.7	0.0013	0.00089	0.00012	Dense Forest
Eucalyptus	Twigs	2.2	0.0013	0.00088	0.00012	Scrub
Eucalyptus	Bark	2.2	0.0013	0.00088	0.00012	Scrub
Eucalyptus	Branches	2.2	0.0013	0.00088	0.00012	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Leaves	2.2	0.00086	0.00057	7.95E-05	Scrub
Catechu	Branches	2.2	0.00074	0.00049	6.81E-05	Scrub
Catechu	Bark	2.2	0.00074	0.00049	6.81E-05	Scrub
Catechu	Twigs	2.2	0.00074	0.00049	6.81E-05	Scrub
Bamboo	Leaves	2.2	0.00011	7.59E-05	1.06E-05	Scrub
Total		22.4	19.2	12.7	1.8	

District level Residue-wise Data for Bharuch; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	9.6	1.7	1.1	0.15	Open Forest
Others	Branches	9.6	1.4	0.94	0.13	Open Forest
Others	Twigs	9.6	1.4	0.94	0.13	Open Forest
Others	Bark	9.6	1.4	0.94	0.13	Open Forest
Others	Leaves	1.6	0.79	0.52	0.073	Dense Forest
Others	Twigs	1.6	0.67	0.45	0.062	Dense Forest
Others	Bark	1.6	0.67	0.45	0.062	Dense Forest
Others	Branches	1.6	0.67	0.45	0.062	Dense Forest
Teak	Leaves	9.6	0.16	0.10	0.015	Open Forest
Teak	Twigs	9.6	0.13	0.089	0.012	Open Forest
Teak	Bark	9.6	0.13	0.089	0.012	Open Forest
Teak	Branches	9.6	0.13	0.089	0.012	Open Forest
Others	Leaves	1.9	0.13	0.085	0.012	Scrub
Others	Branches	1.9	0.11	0.073	0.010	Scrub
Others	Twigs	1.9	0.11	0.073	0.010	Scrub
Others	Bark	1.9	0.11	0.073	0.010	Scrub
Teak	Leaves	1.6	0.075	0.049	0.0069	Dense Forest
Teak	Branches	1.6	0.064	0.042	0.0059	Dense Forest
Teak	Bark	1.6	0.064	0.042	0.0059	Dense Forest
Teak	Twigs	1.6	0.064	0.042	0.0059	Dense Forest
Bamboo	Stalk	9.6	0.032	0.021	0.0029	Open Forest
Eucalyptus	Leaves	9.6	0.017	0.011	0.0015	Open Forest
Bamboo	Stalk	1.6	0.015	0.0100	0.0014	Dense Forest
Eucalyptus	Twigs	9.6	0.014	0.0094	0.0013	Open Forest
Eucalyptus	Bark	9.6	0.014	0.0094	0.0013	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Branches	9.6	0.014	0.0094	0.0013	Open Forest
Teak	Leaves	1.9	0.012	0.0081	0.0011	Scrub
Teak	Twigs	1.9	0.010	0.0069	0.00097	Scrub
Teak	Bark	1.9	0.010	0.0069	0.00097	Scrub
Teak	Branches	1.9	0.010	0.0069	0.00097	Scrub
Catechu	Leaves	9.6	0.0093	0.0061	0.00086	Open Forest
Catechu	Branches	9.6	0.0079	0.0052	0.00073	Open Forest
Catechu	Bark	9.6	0.0079	0.0052	0.00073	Open Forest
Catechu	Twigs	9.6	0.0079	0.0052	0.00073	Open Forest
Eucalyptus	Leaves	1.6	0.0079	0.0052	0.00073	Dense Forest
Eucalyptus	Twigs	1.6	0.0068	0.0045	0.00063	Dense Forest
Eucalyptus	Bark	1.6	0.0068	0.0045	0.00063	Dense Forest
Eucalyptus	Branches	1.6	0.0068	0.0045	0.00063	Dense Forest
Catechu	Leaves	1.6	0.0044	0.0029	0.00041	Dense Forest
Catechu	Twigs	1.6	0.0038	0.0025	0.00035	Dense Forest
Catechu	Bark	1.6	0.0038	0.0025	0.00035	Dense Forest
Catechu	Branches	1.6	0.0038	0.0025	0.00035	Dense Forest
Bamboo	Stalk	1.9	0.0025	0.0016	0.00023	Scrub
Eucalyptus	Leaves	1.9	0.0013	0.00085	0.00012	Scrub
Bamboo	Leaves	9.6	0.0012	0.00082	0.00011	Open Forest
Eucalyptus	Twigs	1.9	0.0011	0.00073	0.00010	Scrub
Eucalyptus	Branches	1.9	0.0011	0.00073	0.00010	Scrub
Eucalyptus	Bark	1.9	0.0011	0.00073	0.00010	Scrub
Catechu	Leaves	1.9	0.00072	0.00047	6.64E-05	Scrub
Catechu	Branches	1.9	0.00061	0.00041	5.69E-05	Scrub
Catechu	Bark	1.9	0.00061	0.00041	5.69E-05	Scrub
Catechu	Twigs	1.9	0.00061	0.00041	5.69E-05	Scrub
Bamboo	Leaves	1.6	0.00059	0.00039	5.43E-05	Dense Forest
Bamboo	Leaves	1.9	9.59E-05	6.34E-05	8.87E-06	Scrub
Total		13.1	10.3	6.8	0.95	

District level Residue-wise Data for Bhavnagar; Biomass Class : Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.6	1.3	0.83	0.12	Dense Forest
Others	Twigs	2.6	1.1	0.71	0.100	Dense Forest
Others	Bark	2.6	1.1	0.71	0.100	Dense Forest
Others	Branches	2.6	1.1	0.71	0.100	Dense Forest
Others	Leaves	2.9	0.51	0.34	0.047	Open Forest
Others	Twigs	2.9	0.44	0.29	0.040	Open Forest
Others	Branches	2.9	0.44	0.29	0.040	Open Forest
Others	Bark	2.9	0.44	0.29	0.040	Open Forest
Others	Leaves	3.6	0.25	0.17	0.023	Scrub
Others	Twigs	3.6	0.21	0.14	0.020	Scrub
Others	Bark	3.6	0.21	0.14	0.020	Scrub
Others	Branches	3.6	0.21	0.14	0.020	Scrub
Teak	Leaves	2.6	0.12	0.079	0.011	Dense Forest
Teak	Twigs	2.6	0.10	0.067	0.0094	Dense Forest
Teak	Bark	2.6	0.10	0.067	0.0094	Dense Forest
Teak	Branches	2.6	0.10	0.067	0.0094	Dense Forest
Teak	Leaves	2.9	0.048	0.032	0.0045	Open Forest
Teak	Twigs	2.9	0.041	0.027	0.0038	Open Forest
Teak	Branches	2.9	0.041	0.027	0.0038	Open Forest
Teak	Bark	2.9	0.041	0.027	0.0038	Open Forest
Bamboo	Stalk	2.6	0.024	0.016	0.0022	Dense Forest
Teak	Leaves	3.6	0.024	0.016	0.0022	Scrub
Teak	Twigs	3.6	0.020	0.013	0.0019	Scrub
Teak	Bark	3.6	0.020	0.013	0.0019	Scrub
Teak	Branches	3.6	0.020	0.013	0.0019	Scrub
Eucalyptus	Leaves	2.6	0.013	0.0083	0.0012	Dense Forest
Eucalyptus	Twigs	2.6	0.011	0.0071	0.0010	Dense Forest
Eucalyptus	Bark	2.6	0.011	0.0071	0.0010	Dense Forest
Eucalyptus	Branches	2.6	0.011	0.0071	0.0010	Dense Forest
Bamboo	Stalk	2.9	0.0098	0.0065	0.00090	Open Forest
Catechu	Leaves	2.6	0.0070	0.0046	0.00065	Dense Forest
Catechu	Twigs	2.6	0.0060	0.0040	0.00056	Dense Forest
Catechu	Bark	2.6	0.0060	0.0040	0.00056	Dense Forest
Catechu	Branches	2.6	0.0060	0.0040	0.00056	Dense Forest
Eucalyptus	Leaves	2.9	0.0051	0.0034	0.00047	Open Forest
Bamboo	Stalk	3.6	0.0048	0.0032	0.00044	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Branches	2.9	0.0044	0.0029	0.00041	Open Forest
Eucalyptus	Bark	2.9	0.0044	0.0029	0.00041	Open Forest
Eucalyptus	Twigs	2.9	0.0044	0.0029	0.00041	Open Forest
Catechu	Leaves	2.9	0.0028	0.0019	0.00026	Open Forest
Eucalyptus	Leaves	3.6	0.0025	0.0017	0.00023	Scrub
Catechu	Twigs	2.9	0.0024	0.0016	0.00023	Open Forest
Catechu	Branches	2.9	0.0024	0.0016	0.00023	Open Forest
Catechu	Bark	2.9	0.0024	0.0016	0.00023	Open Forest
Eucalyptus	Bark	3.6	0.0022	0.0014	0.00020	Scrub
Eucalyptus	Branches	3.6	0.0022	0.0014	0.00020	Scrub
Eucalyptus	Twigs	3.6	0.0022	0.0014	0.00020	Scrub
Catechu	Leaves	3.6	0.0014	0.00092	0.00013	Scrub
Catechu	Twigs	3.6	0.0012	0.00079	0.00011	Scrub
Catechu	Bark	3.6	0.0012	0.00079	0.00011	Scrub
Catechu	Branches	3.6	0.0012	0.00079	0.00011	Scrub
Bamboo	Leaves	2.6	0.00094	0.00062	8.67E-05	Dense Forest
Bamboo	Leaves	2.9	0.00038	0.00025	3.52E-05	Open Forest
Bamboo	Leaves	3.6	0.00019	0.00012	1.73E-05	Scrub
Total		9.1	8.0	5.3	0.74	

District level Residue-wise Data for Dahod; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	36.0	17.5	14.0	2.0	Dense Forest
Others	Twigs	36.0	15.0	12.0	1.7	Dense Forest
Others	Bark	36.0	15.0	12.0	1.7	Dense Forest
Others	Branches	36.0	15.0	12.0	1.7	Dense Forest
Others	Leaves	49.0	8.5	6.8	0.95	Open Forest
Others	Twigs	49.0	7.3	5.8	0.81	Open Forest
Others	Branches	49.0	7.3	5.8	0.81	Open Forest
Others	Bark	49.0	7.3	5.8	0.81	Open Forest
Teak	Leaves	36.0	1.7	1.3	0.19	Dense Forest
Teak	Twigs	36.0	1.4	1.1	0.16	Dense Forest
Teak	Bark	36.0	1.4	1.1	0.16	Dense Forest
Teak	Branches	36.0	1.4	1.1	0.16	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	14.9	1.0	0.83	0.12	Scrub
Others	Twigs	14.9	0.89	0.71	0.099	Scrub
Others	Bark	14.9	0.89	0.71	0.099	Scrub
Others	Branches	14.9	0.89	0.71	0.099	Scrub
Teak	Leaves	49.0	0.81	0.64	0.090	Open Forest
Teak	Twigs	49.0	0.69	0.55	0.077	Open Forest
Teak	Branches	49.0	0.69	0.55	0.077	Open Forest
Teak	Bark	49.0	0.69	0.55	0.077	Open Forest
Bamboo	Stalk	36.0	0.34	0.27	0.038	Dense Forest
Eucalyptus	Leaves	36.0	0.18	0.14	0.020	Dense Forest
Bamboo	Stalk	49.0	0.16	0.13	0.018	Open Forest
Eucalyptus	Bark	36.0	0.15	0.12	0.017	Dense Forest
Eucalyptus	Branches	36.0	0.15	0.12	0.017	Dense Forest
Eucalyptus	Twigs	36.0	0.15	0.12	0.017	Dense Forest
Teak	Leaves	14.9	0.098	0.079	0.011	Scrub
Catechu	Leaves	36.0	0.097	0.078	0.011	Dense Forest
Eucalyptus	Leaves	49.0	0.085	0.068	0.0096	Open Forest
Teak	Bark	14.9	0.084	0.067	0.0094	Scrub
Teak	Branches	14.9	0.084	0.067	0.0094	Scrub
Teak	Twigs	14.9	0.084	0.067	0.0094	Scrub
Catechu	Twigs	36.0	0.084	0.067	0.0094	Dense Forest
Catechu	Bark	36.0	0.084	0.067	0.0094	Dense Forest
Catechu	Branches	36.0	0.084	0.067	0.0094	Dense Forest
Eucalyptus	Branches	49.0	0.073	0.058	0.0082	Open Forest
Eucalyptus	Bark	49.0	0.073	0.058	0.0082	Open Forest
Eucalyptus	Twigs	49.0	0.073	0.058	0.0082	Open Forest
Catechu	Leaves	49.0	0.047	0.038	0.0053	Open Forest
Catechu	Twigs	49.0	0.041	0.032	0.0045	Open Forest
Catechu	Branches	49.0	0.041	0.032	0.0045	Open Forest
Catechu	Bark	49.0	0.041	0.032	0.0045	Open Forest
Bamboo	Stalk	14.9	0.020	0.016	0.0022	Scrub
Bamboo	Leaves	36.0	0.013	0.010	0.0015	Dense Forest
Eucalyptus	Leaves	14.9	0.010	0.0083	0.0012	Scrub
Eucalyptus	Twigs	14.9	0.0089	0.0071	0.00100	Scrub
Eucalyptus	Bark	14.9	0.0089	0.0071	0.00100	Scrub
Eucalyptus	Branches	14.9	0.0089	0.0071	0.00100	Scrub
Bamboo	Leaves	49.0	0.0063	0.0051	0.00071	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Leaves	14.9	0.0058	0.0046	0.00065	Scrub
Catechu	Twigs	14.9	0.0050	0.0040	0.00055	Scrub
Catechu	Bark	14.9	0.0050	0.0040	0.00055	Scrub
Catechu	Branches	14.9	0.0050	0.0040	0.00055	Scrub
Bamboo	Leaves	14.9	0.00077	0.00062	8.65E-05	Scrub
Total		99.9	107.6	86.1	12.1	

District level Residue-wise Data for Jamnagar; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	10.0	4.9	3.2	0.45	Dense Forest
Others	Twigs	10.0	4.2	2.8	0.39	Dense Forest
Others	Bark	10.0	4.2	2.8	0.39	Dense Forest
Others	Branches	10.0	4.2	2.8	0.39	Dense Forest
Others	Leaves	4.0	0.69	0.45	0.063	Open Forest
Others	Twigs	4.0	0.59	0.39	0.054	Open Forest
Others	Branches	4.0	0.59	0.39	0.054	Open Forest
Others	Bark	4.0	0.59	0.39	0.054	Open Forest
Teak	Leaves	10.0	0.46	0.31	0.043	Dense Forest
Teak	Twigs	10.0	0.40	0.26	0.037	Dense Forest
Teak	Bark	10.0	0.40	0.26	0.037	Dense Forest
Teak	Branches	10.0	0.40	0.26	0.037	Dense Forest
Others	Leaves	4.4	0.30	0.20	0.028	Scrub
Others	Twigs	4.4	0.26	0.17	0.024	Scrub
Others	Bark	4.4	0.26	0.17	0.024	Scrub
Others	Branches	4.4	0.26	0.17	0.024	Scrub
Bamboo	Stalk	10.0	0.094	0.062	0.0087	Dense Forest
Teak	Leaves	4.0	0.065	0.043	0.0060	Open Forest
Teak	Twigs	4.0	0.056	0.037	0.0052	Open Forest
Teak	Branches	4.0	0.056	0.037	0.0052	Open Forest
Teak	Bark	4.0	0.056	0.037	0.0052	Open Forest
Eucalyptus	Leaves	10.0	0.049	0.032	0.0045	Dense Forest
Eucalyptus	Twigs	10.0	0.042	0.028	0.0039	Dense Forest
Eucalyptus	Bark	10.0	0.042	0.028	0.0039	Dense Forest
Eucalyptus	Branches	10.0	0.042	0.028	0.0039	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Leaves	4.4	0.029	0.019	0.0027	Scrub
Catechu	Leaves	10.0	0.027	0.018	0.0025	Dense Forest
Teak	Bark	4.4	0.025	0.016	0.0023	Scrub
Teak	Branches	4.4	0.025	0.016	0.0023	Scrub
Teak	Twigs	4.4	0.025	0.016	0.0023	Scrub
Catechu	Twigs	10.0	0.023	0.015	0.0022	Dense Forest
Catechu	Bark	10.0	0.023	0.015	0.0022	Dense Forest
Catechu	Branches	10.0	0.023	0.015	0.0022	Dense Forest
Bamboo	Stalk	4.0	0.013	0.0087	0.0012	Open Forest
Eucalyptus	Leaves	4.0	0.0069	0.0046	0.00064	Open Forest
Eucalyptus	Twigs	4.0	0.0059	0.0039	0.00055	Open Forest
Eucalyptus	Branches	4.0	0.0059	0.0039	0.00055	Open Forest
Eucalyptus	Bark	4.0	0.0059	0.0039	0.00055	Open Forest
Bamboo	Stalk	4.4	0.0058	0.0038	0.00054	Scrub
Catechu	Leaves	4.0	0.0038	0.0025	0.00035	Open Forest
Bamboo	Leaves	10.0	0.0036	0.0024	0.00034	Dense Forest
Catechu	Branches	4.0	0.0033	0.0022	0.00030	Open Forest
Catechu	Bark	4.0	0.0033	0.0022	0.00030	Open Forest
Catechu	Twigs	4.0	0.0033	0.0022	0.00030	Open Forest
Eucalyptus	Leaves	4.4	0.0030	0.0020	0.00028	Scrub
Eucalyptus	Twigs	4.4	0.0026	0.0017	0.00024	Scrub
Eucalyptus	Bark	4.4	0.0026	0.0017	0.00024	Scrub
Eucalyptus	Branches	4.4	0.0026	0.0017	0.00024	Scrub
Catechu	Leaves	4.4	0.0017	0.0011	0.00016	Scrub
Catechu	Twigs	4.4	0.0015	0.00096	0.00013	Scrub
Catechu	Bark	4.4	0.0015	0.00096	0.00013	Scrub
Catechu	Branches	4.4	0.0015	0.00096	0.00013	Scrub
Bamboo	Leaves	4.0	0.00051	0.00034	4.73E-05	Open Forest
Bamboo	Leaves	4.4	0.00023	0.00015	2.09E-05	Scrub
Total		18.4	23.4	15.5	2.2	

District level Residue-wise Data for Junagadh; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	81.7	39.7	26.2	3.7	Dense Forest
Others	Twigs	81.7	34.0	22.5	3.1	Dense Forest
Others	Bark	81.7	34.0	22.5	3.1	Dense Forest
Others	Branches	81.7	34.0	22.5	3.1	Dense Forest
Others	Leaves	77.4	13.4	8.9	1.2	Open Forest
Others	Twigs	77.4	11.5	7.6	1.1	Open Forest
Others	Branches	77.4	11.5	7.6	1.1	Open Forest
Others	Bark	77.4	11.5	7.6	1.1	Open Forest
Teak	Leaves	81.7	3.8	2.5	0.35	Dense Forest
Teak	Twigs	81.7	3.2	2.1	0.30	Dense Forest
Teak	Bark	81.7	3.2	2.1	0.30	Dense Forest
Teak	Branches	81.7	3.2	2.1	0.30	Dense Forest
Others	Leaves	29.6	2.1	1.4	0.19	Scrub
Others	Twigs	29.6	1.8	1.2	0.16	Scrub
Others	Bark	29.6	1.8	1.2	0.16	Scrub
Others	Branches	29.6	1.8	1.2	0.16	Scrub
Teak	Leaves	77.4	1.3	0.84	0.12	Open Forest
Teak	Twigs	77.4	1.1	0.72	0.10	Open Forest
Teak	Branches	77.4	1.1	0.72	0.10	Open Forest
Teak	Bark	77.4	1.1	0.72	0.10	Open Forest
Bamboo	Stalk	81.7	0.76	0.50	0.070	Dense Forest
Eucalyptus	Leaves	81.7	0.40	0.26	0.037	Dense Forest
Eucalyptus	Twigs	81.7	0.34	0.23	0.032	Dense Forest
Eucalyptus	Bark	81.7	0.34	0.23	0.032	Dense Forest
Eucalyptus	Branches	81.7	0.34	0.23	0.032	Dense Forest
Bamboo	Stalk	77.4	0.26	0.17	0.024	Open Forest
Catechu	Leaves	81.7	0.22	0.15	0.020	Dense Forest
Teak	Leaves	29.6	0.19	0.13	0.018	Scrub
Catechu	Twigs	81.7	0.19	0.13	0.018	Dense Forest
Catechu	Bark	81.7	0.19	0.13	0.018	Dense Forest
Catechu	Branches	81.7	0.19	0.13	0.018	Dense Forest
Teak	Bark	29.6	0.17	0.11	0.015	Scrub
Teak	Branches	29.6	0.17	0.11	0.015	Scrub
Teak	Twigs	29.6	0.17	0.11	0.015	Scrub
Eucalyptus	Leaves	77.4	0.13	0.089	0.012	Open Forest
Eucalyptus	Twigs	77.4	0.12	0.076	0.011	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Branches	77.4	0.12	0.076	0.011	Open Forest
Eucalyptus	Bark	77.4	0.12	0.076	0.011	Open Forest
Catechu	Leaves	77.4	0.075	0.050	0.0069	Open Forest
Catechu	Twigs	77.4	0.064	0.042	0.0059	Open Forest
Catechu	Branches	77.4	0.064	0.042	0.0059	Open Forest
Catechu	Bark	77.4	0.064	0.042	0.0059	Open Forest
Bamboo	Stalk	29.6	0.039	0.026	0.0036	Scrub
Bamboo	Leaves	81.7	0.030	0.020	0.0027	Dense Forest
Eucalyptus	Leaves	29.6	0.021	0.014	0.0019	Scrub
Eucalyptus	Twigs	29.6	0.018	0.012	0.0016	Scrub
Eucalyptus	Bark	29.6	0.018	0.012	0.0016	Scrub
Eucalyptus	Branches	29.6	0.018	0.012	0.0016	Scrub
Catechu	Leaves	29.6	0.011	0.0076	0.0011	Scrub
Bamboo	Leaves	77.4	0.010	0.0066	0.00093	Open Forest
Catechu	Bark	29.6	0.0098	0.0065	0.00091	Scrub
Catechu	Branches	29.6	0.0098	0.0065	0.00091	Scrub
Catechu	Twigs	29.6	0.0098	0.0065	0.00091	Scrub
Bamboo	Leaves	29.6	0.0015	0.0010	0.00014	Scrub
Total		188.8	219.7	145.3	20.3	

District level Residue-wise Data for Kachchh; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	56.0	9.7	6.4	0.90	Open Forest
Others	Branches	56.0	8.3	5.5	0.77	Open Forest
Others	Twigs	56.0	8.3	5.5	0.77	Open Forest
Others	Bark	56.0	8.3	5.5	0.77	Open Forest
Others	Leaves	9.8	4.7	3.1	0.44	Dense Forest
Others	Twigs	9.8	4.1	2.7	0.38	Dense Forest
Others	Bark	9.8	4.1	2.7	0.38	Dense Forest
Others	Branches	9.8	4.1	2.7	0.38	Dense Forest
Teak	Leaves	56.0	0.92	0.61	0.085	Open Forest
Teak	Twigs	56.0	0.79	0.52	0.073	Open Forest
Teak	Bark	56.0	0.79	0.52	0.073	Open Forest
Teak	Branches	56.0	0.79	0.52	0.073	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	6.9	0.48	0.32	0.044	Scrub
Teak	Leaves	9.8	0.45	0.30	0.042	Dense Forest
Others	Twigs	6.9	0.41	0.27	0.038	Scrub
Others	Branches	6.9	0.41	0.27	0.038	Scrub
Others	Bark	6.9	0.41	0.27	0.038	Scrub
Teak	Bark	9.8	0.39	0.25	0.036	Dense Forest
Teak	Branches	9.8	0.39	0.25	0.036	Dense Forest
Teak	Twigs	9.8	0.39	0.25	0.036	Dense Forest
Bamboo	Stalk	56.0	0.19	0.12	0.017	Open Forest
Eucalyptus	Leaves	56.0	0.098	0.064	0.0090	Open Forest
Bamboo	Stalk	9.8	0.091	0.060	0.0084	Dense Forest
Eucalyptus	Twigs	56.0	0.084	0.055	0.0077	Open Forest
Eucalyptus	Bark	56.0	0.084	0.055	0.0077	Open Forest
Eucalyptus	Branches	56.0	0.084	0.055	0.0077	Open Forest
Catechu	Leaves	56.0	0.054	0.036	0.0050	Open Forest
Eucalyptus	Leaves	9.8	0.048	0.031	0.0044	Dense Forest
Catechu	Twigs	56.0	0.046	0.031	0.0043	Open Forest
Catechu	Branches	56.0	0.046	0.031	0.0043	Open Forest
Catechu	Bark	56.0	0.046	0.031	0.0043	Open Forest
Teak	Leaves	6.9	0.045	0.030	0.0042	Scrub
Eucalyptus	Bark	9.8	0.041	0.027	0.0038	Dense Forest
Eucalyptus	Branches	9.8	0.041	0.027	0.0038	Dense Forest
Eucalyptus	Twigs	9.8	0.041	0.027	0.0038	Dense Forest
Teak	Twigs	6.9	0.039	0.026	0.0036	Scrub
Teak	Branches	6.9	0.039	0.026	0.0036	Scrub
Teak	Bark	6.9	0.039	0.026	0.0036	Scrub
Catechu	Leaves	9.8	0.026	0.017	0.0024	Dense Forest
Catechu	Twigs	9.8	0.023	0.015	0.0021	Dense Forest
Catechu	Bark	9.8	0.023	0.015	0.0021	Dense Forest
Catechu	Branches	9.8	0.023	0.015	0.0021	Dense Forest
Bamboo	Stalk	6.9	0.0092	0.0061	0.00085	Scrub
Bamboo	Leaves	56.0	0.0072	0.0048	0.00067	Open Forest
Eucalyptus	Leaves	6.9	0.0048	0.0032	0.00044	Scrub
Eucalyptus	Twigs	6.9	0.0041	0.0027	0.00038	Scrub
Eucalyptus	Branches	6.9	0.0041	0.0027	0.00038	Scrub
Eucalyptus	Bark	6.9	0.0041	0.0027	0.00038	Scrub
Bamboo	Leaves	9.8	0.0035	0.0023	0.00033	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Leaves	6.9	0.0027	0.0018	0.00025	Scrub
Catechu	Branches	6.9	0.0023	0.0015	0.00021	Scrub
Catechu	Bark	6.9	0.0023	0.0015	0.00021	Scrub
Catechu	Twigs	6.9	0.0023	0.0015	0.00021	Scrub
Bamboo	Leaves	6.9	0.00036	0.00024	3.29E-05	Scrub
Total		72.7	59.5	39.3	5.5	

District level Residue-wise Data for Kheda; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	3.1	0.53	0.35	0.049	Open Forest
Others	Leaves	1.1	0.52	0.35	0.049	Dense Forest
Others	Branches	3.1	0.46	0.30	0.042	Open Forest
Others	Twigs	3.1	0.46	0.30	0.042	Open Forest
Others	Bark	3.1	0.46	0.30	0.042	Open Forest
Others	Bark	1.1	0.45	0.30	0.042	Dense Forest
Others	Branches	1.1	0.45	0.30	0.042	Dense Forest
Others	Twigs	1.1	0.45	0.30	0.042	Dense Forest
Teak	Leaves	3.1	0.051	0.033	0.0047	Open Forest
Teak	Leaves	1.1	0.050	0.033	0.0046	Dense Forest
Teak	Twigs	3.1	0.043	0.029	0.0040	Open Forest
Teak	Bark	3.1	0.043	0.029	0.0040	Open Forest
Teak	Branches	3.1	0.043	0.029	0.0040	Open Forest
Teak	Bark	1.1	0.043	0.028	0.0039	Dense Forest
Teak	Branches	1.1	0.043	0.028	0.0039	Dense Forest
Teak	Twigs	1.1	0.043	0.028	0.0039	Dense Forest
Bamboo	Stalk	3.1	0.010	0.0068	0.00095	Open Forest
Bamboo	Stalk	1.1	0.010	0.0066	0.00093	Dense Forest
Others	Leaves	0.11	0.0078	0.0052	0.00072	Scrub
Others	Branches	0.11	0.0067	0.0044	0.00062	Scrub
Others	Twigs	0.11	0.0067	0.0044	0.00062	Scrub
Others	Bark	0.11	0.0067	0.0044	0.00062	Scrub
Eucalyptus	Leaves	3.1	0.0054	0.0035	0.00050	Open Forest
Eucalyptus	Leaves	1.1	0.0053	0.0035	0.00049	Dense Forest
Eucalyptus	Twigs	3.1	0.0046	0.0030	0.00042	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Bark	3.1	0.0046	0.0030	0.00042	Open Forest
Eucalyptus	Branches	3.1	0.0046	0.0030	0.00042	Open Forest
Eucalyptus	Bark	1.1	0.0045	0.0030	0.00042	Dense Forest
Eucalyptus	Branches	1.1	0.0045	0.0030	0.00042	Dense Forest
Eucalyptus	Twigs	1.1	0.0045	0.0030	0.00042	Dense Forest
Catechu	Leaves	3.1	0.0030	0.0020	0.00028	Open Forest
Catechu	Leaves	1.1	0.0029	0.0019	0.00027	Dense Forest
Catechu	Branches	3.1	0.0025	0.0017	0.00024	Open Forest
Catechu	Bark	3.1	0.0025	0.0017	0.00024	Open Forest
Catechu	Twigs	3.1	0.0025	0.0017	0.00024	Open Forest
Catechu	Bark	1.1	0.0025	0.0017	0.00023	Dense Forest
Catechu	Branches	1.1	0.0025	0.0017	0.00023	Dense Forest
Catechu	Twigs	1.1	0.0025	0.0017	0.00023	Dense Forest
Teak	Leaves	0.11	0.00074	0.00049	6.87E-05	Scrub
Teak	Twigs	0.11	0.00064	0.00042	5.89E-05	Scrub
Teak	Bark	0.11	0.00064	0.00042	5.89E-05	Scrub
Teak	Branches	0.11	0.00064	0.00042	5.89E-05	Scrub
Bamboo	Leaves	3.1	0.00040	0.00026	3.68E-05	Open Forest
Bamboo	Leaves	1.1	0.00039	0.00026	3.62E-05	Dense Forest
Bamboo	Stalk	0.11	0.00015	9.93E-05	1.39E-05	Scrub
Eucalyptus	Leaves	0.11	7.86E-05	5.20E-05	7.28E-06	Scrub
Eucalyptus	Twigs	0.11	6.74E-05	4.45E-05	6.24E-06	Scrub
Eucalyptus	Bark	0.11	6.74E-05	4.45E-05	6.24E-06	Scrub
Eucalyptus	Branches	0.11	6.74E-05	4.45E-05	6.24E-06	Scrub
Catechu	Leaves	0.11	4.37E-05	2.89E-05	4.04E-06	Scrub
Catechu	Branches	0.11	3.74E-05	2.47E-05	3.46E-06	Scrub
Catechu	Bark	0.11	3.74E-05	2.47E-05	3.46E-06	Scrub
Catechu	Twigs	0.11	3.74E-05	2.47E-05	3.46E-06	Scrub
Bamboo	Leaves	0.11	5.84E-06	3.86E-06	5.40E-07	Scrub
Total		4.3	4.2	2.8	0.39	

District level Residue-wise Data for Narmada; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	93.4	45.3	36.2	5.1	Dense Forest
Others	Twigs	93.4	38.8	31.1	4.3	Dense Forest
Others	Bark	93.4	38.8	31.1	4.3	Dense Forest
Others	Branches	93.4	38.8	31.1	4.3	Dense Forest
Others	Leaves	42.8	7.4	5.9	0.83	Open Forest
Others	Twigs	42.8	6.4	5.1	0.71	Open Forest
Others	Branches	42.8	6.4	5.1	0.71	Open Forest
Others	Bark	42.8	6.4	5.1	0.71	Open Forest
Teak	Leaves	93.4	4.3	3.4	0.48	Dense Forest
Teak	Twigs	93.4	3.7	2.9	0.41	Dense Forest
Teak	Bark	93.4	3.7	2.9	0.41	Dense Forest
Teak	Branches	93.4	3.7	2.9	0.41	Dense Forest
Bamboo	Stalk	93.4	0.87	0.70	0.097	Dense Forest
Teak	Leaves	42.8	0.70	0.56	0.079	Open Forest
Teak	Twigs	42.8	0.60	0.48	0.067	Open Forest
Teak	Branches	42.8	0.60	0.48	0.067	Open Forest
Teak	Bark	42.8	0.60	0.48	0.067	Open Forest
Eucalyptus	Leaves	93.4	0.46	0.36	0.051	Dense Forest
Eucalyptus	Twigs	93.4	0.39	0.31	0.044	Dense Forest
Eucalyptus	Bark	93.4	0.39	0.31	0.044	Dense Forest
Eucalyptus	Branches	93.4	0.39	0.31	0.044	Dense Forest
Others	Leaves	4.5	0.31	0.25	0.035	Scrub
Others	Twigs	4.5	0.27	0.21	0.030	Scrub
Others	Bark	4.5	0.27	0.21	0.030	Scrub
Others	Branches	4.5	0.27	0.21	0.030	Scrub
Catechu	Leaves	93.4	0.25	0.20	0.028	Dense Forest
Catechu	Twigs	93.4	0.22	0.17	0.024	Dense Forest
Catechu	Bark	93.4	0.22	0.17	0.024	Dense Forest
Catechu	Branches	93.4	0.22	0.17	0.024	Dense Forest
Bamboo	Stalk	42.8	0.14	0.11	0.016	Open Forest
Eucalyptus	Leaves	42.8	0.074	0.060	0.0083	Open Forest
Eucalyptus	Twigs	42.8	0.064	0.051	0.0071	Open Forest
Eucalyptus	Branches	42.8	0.064	0.051	0.0071	Open Forest
Eucalyptus	Bark	42.8	0.064	0.051	0.0071	Open Forest
Catechu	Leaves	42.8	0.041	0.033	0.0046	Open Forest
Catechu	Twigs	42.8	0.035	0.028	0.0040	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Branches	42.8	0.035	0.028	0.0040	Open Forest
Catechu	Bark	42.8	0.035	0.028	0.0040	Open Forest
Bamboo	Leaves	93.4	0.034	0.027	0.0038	Dense Forest
Teak	Leaves	4.5	0.029	0.023	0.0033	Scrub
Teak	Twigs	4.5	0.025	0.020	0.0028	Scrub
Teak	Bark	4.5	0.025	0.020	0.0028	Scrub
Teak	Branches	4.5	0.025	0.020	0.0028	Scrub
Bamboo	Stalk	4.5	0.0059	0.0048	0.00067	Scrub
Bamboo	Leaves	42.8	0.0055	0.0044	0.00062	Open Forest
Eucalyptus	Leaves	4.5	0.0031	0.0025	0.00035	Scrub
Eucalyptus	Twigs	4.5	0.0027	0.0021	0.00030	Scrub
Eucalyptus	Bark	4.5	0.0027	0.0021	0.00030	Scrub
Eucalyptus	Branches	4.5	0.0027	0.0021	0.00030	Scrub
Catechu	Leaves	4.5	0.0017	0.0014	0.00019	Scrub
Catechu	Twigs	4.5	0.0015	0.0012	0.00017	Scrub
Catechu	Bark	4.5	0.0015	0.0012	0.00017	Scrub
Catechu	Branches	4.5	0.0015	0.0012	0.00017	Scrub
Bamboo	Leaves	4.5	0.00023	0.00018	2.59E-05	Scrub
Total		140.6	211.3	169.1	23.7	

District level Residue-wise Data for Navsari; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	10.8	5.2	4.2	0.59	Dense Forest
Others	Twigs	10.8	4.5	3.6	0.50	Dense Forest
Others	Branches	10.8	4.5	3.6	0.50	Dense Forest
Others	Bark	10.8	4.5	3.6	0.50	Dense Forest
Others	Leaves	18.4	1.3	1.0	0.14	Scrub
Others	Twigs	18.4	1.1	0.88	0.12	Scrub
Others	Bark	18.4	1.1	0.88	0.12	Scrub
Others	Branches	18.4	1.1	0.88	0.12	Scrub
Teak	Leaves	10.8	0.50	0.40	0.056	Dense Forest
Teak	Branches	10.8	0.43	0.34	0.048	Dense Forest
Teak	Bark	10.8	0.43	0.34	0.048	Dense Forest
Teak	Twigs	10.8	0.43	0.34	0.048	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Leaves	18.4	0.12	0.097	0.014	Scrub
Teak	Branches	18.4	0.10	0.083	0.012	Scrub
Teak	Twigs	18.4	0.10	0.083	0.012	Scrub
Teak	Bark	18.4	0.10	0.083	0.012	Scrub
Others	Leaves	0.59	0.10	0.082	0.011	Open Forest
Bamboo	Stalk	10.8	0.10	0.080	0.011	Dense Forest
Others	Bark	0.59	0.088	0.070	0.0098	Open Forest
Others	Twigs	0.59	0.088	0.070	0.0098	Open Forest
Others	Branches	0.59	0.088	0.070	0.0098	Open Forest
Eucalyptus	Leaves	10.8	0.053	0.042	0.0059	Dense Forest
Eucalyptus	Twigs	10.8	0.045	0.036	0.0050	Dense Forest
Eucalyptus	Bark	10.8	0.045	0.036	0.0050	Dense Forest
Eucalyptus	Branches	10.8	0.045	0.036	0.0050	Dense Forest
Catechu	Leaves	10.8	0.029	0.023	0.0033	Dense Forest
Catechu	Twigs	10.8	0.025	0.020	0.0028	Dense Forest
Catechu	Branches	10.8	0.025	0.020	0.0028	Dense Forest
Catechu	Bark	10.8	0.025	0.020	0.0028	Dense Forest
Bamboo	Stalk	18.4	0.025	0.020	0.0027	Scrub
Eucalyptus	Leaves	18.4	0.013	0.010	0.0014	Scrub
Eucalyptus	Twigs	18.4	0.011	0.0088	0.0012	Scrub
Eucalyptus	Bark	18.4	0.011	0.0088	0.0012	Scrub
Eucalyptus	Branches	18.4	0.011	0.0088	0.0012	Scrub
Teak	Leaves	0.59	0.0097	0.0078	0.0011	Open Forest
Teak	Branches	0.59	0.0083	0.0066	0.00093	Open Forest
Teak	Bark	0.59	0.0083	0.0066	0.00093	Open Forest
Teak	Twigs	0.59	0.0083	0.0066	0.00093	Open Forest
Catechu	Leaves	18.4	0.0071	0.0057	0.00080	Scrub
Catechu	Twigs	18.4	0.0061	0.0049	0.00068	Scrub
Catechu	Bark	18.4	0.0061	0.0049	0.00068	Scrub
Catechu	Branches	18.4	0.0061	0.0049	0.00068	Scrub
Bamboo	Leaves	10.8	0.0039	0.0031	0.00044	Dense Forest
Bamboo	Stalk	0.59	0.0020	0.0016	0.00022	Open Forest
Eucalyptus	Leaves	0.59	0.0010	0.00082	0.00011	Open Forest
Bamboo	Leaves	18.4	0.00095	0.00076	0.00011	Scrub
Eucalyptus	Twigs	0.59	0.00088	0.00070	9.86E-05	Open Forest
Eucalyptus	Bark	0.59	0.00088	0.00070	9.86E-05	Open Forest
Eucalyptus	Branches	0.59	0.00088	0.00070	9.86E-05	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Leaves	0.59	0.00057	0.00046	6.39E-05	Open Forest
Catechu	Twigs	0.59	0.00049	0.00039	5.48E-05	Open Forest
Catechu	Branches	0.59	0.00049	0.00039	5.48E-05	Open Forest
Catechu	Bark	0.59	0.00049	0.00039	5.48E-05	Open Forest
Bamboo	Leaves	0.59	7.62E-05	6.10E-05	8.54E-06	Open Forest
Total		29.8	26.3	21.1	3.0	

District level Residue-wise Data for Panchmahal; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	67.5	32.8	21.7	3.0	Dense Forest
Others	Twigs	67.5	28.1	18.6	2.6	Dense Forest
Others	Bark	67.5	28.1	18.6	2.6	Dense Forest
Others	Branches	67.5	28.1	18.6	2.6	Dense Forest
Others	Leaves	27.4	4.7	3.1	0.44	Open Forest
Others	Twigs	27.4	4.1	2.7	0.38	Open Forest
Others	Branches	27.4	4.1	2.7	0.38	Open Forest
Others	Bark	27.4	4.1	2.7	0.38	Open Forest
Teak	Leaves	67.5	3.1	2.1	0.29	Dense Forest
Teak	Twigs	67.5	2.7	1.8	0.25	Dense Forest
Teak	Bark	67.5	2.7	1.8	0.25	Dense Forest
Teak	Branches	67.5	2.7	1.8	0.25	Dense Forest
Others	Leaves	13.2	0.92	0.61	0.085	Scrub
Others	Twigs	13.2	0.79	0.52	0.073	Scrub
Others	Bark	13.2	0.79	0.52	0.073	Scrub
Others	Branches	13.2	0.79	0.52	0.073	Scrub
Bamboo	Stalk	67.5	0.63	0.42	0.058	Dense Forest
Teak	Leaves	27.4	0.45	0.30	0.042	Open Forest
Teak	Twigs	27.4	0.39	0.26	0.036	Open Forest
Teak	Branches	27.4	0.39	0.26	0.036	Open Forest
Teak	Bark	27.4	0.39	0.26	0.036	Open Forest
Eucalyptus	Leaves	67.5	0.33	0.22	0.030	Dense Forest
Eucalyptus	Twigs	67.5	0.28	0.19	0.026	Dense Forest
Eucalyptus	Bark	67.5	0.28	0.19	0.026	Dense Forest
Eucalyptus	Branches	67.5	0.28	0.19	0.026	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Leaves	67.5	0.18	0.12	0.017	Dense Forest
Catechu	Twigs	67.5	0.16	0.10	0.015	Dense Forest
Catechu	Bark	67.5	0.16	0.10	0.015	Dense Forest
Catechu	Branches	67.5	0.16	0.10	0.015	Dense Forest
Bamboo	Stalk	27.4	0.091	0.060	0.0084	Open Forest
Teak	Leaves	13.2	0.087	0.058	0.0081	Scrub
Teak	Twigs	13.2	0.075	0.049	0.0069	Scrub
Teak	Bark	13.2	0.075	0.049	0.0069	Scrub
Teak	Branches	13.2	0.075	0.049	0.0069	Scrub
Eucalyptus	Leaves	27.4	0.048	0.032	0.0044	Open Forest
Eucalyptus	Twigs	27.4	0.041	0.027	0.0038	Open Forest
Eucalyptus	Branches	27.4	0.041	0.027	0.0038	Open Forest
Eucalyptus	Bark	27.4	0.041	0.027	0.0038	Open Forest
Catechu	Leaves	27.4	0.027	0.018	0.0025	Open Forest
Bamboo	Leaves	67.5	0.024	0.016	0.0023	Dense Forest
Catechu	Branches	27.4	0.023	0.015	0.0021	Open Forest
Catechu	Bark	27.4	0.023	0.015	0.0021	Open Forest
Catechu	Twigs	27.4	0.023	0.015	0.0021	Open Forest
Bamboo	Stalk	13.2	0.018	0.012	0.0016	Scrub
Eucalyptus	Leaves	13.2	0.0092	0.0061	0.00085	Scrub
Eucalyptus	Twigs	13.2	0.0079	0.0052	0.00073	Scrub
Eucalyptus	Bark	13.2	0.0079	0.0052	0.00073	Scrub
Eucalyptus	Branches	13.2	0.0079	0.0052	0.00073	Scrub
Catechu	Leaves	13.2	0.0051	0.0034	0.00047	Scrub
Catechu	Twigs	13.2	0.0044	0.0029	0.00041	Scrub
Catechu	Bark	13.2	0.0044	0.0029	0.00041	Scrub
Catechu	Branches	13.2	0.0044	0.0029	0.00041	Scrub
Bamboo	Leaves	27.4	0.0035	0.0023	0.00033	Open Forest
Bamboo	Leaves	13.2	0.00068	0.00045	6.33E-05	Scrub
Total		108.2	153.2	101.3	14.2	

District level Residue-wise Data for Porbander; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	11.7	5.7	4.5	0.63	Dense Forest
Others	Twigs	11.7	4.9	3.9	0.54	Dense Forest
Others	Bark	11.7	4.9	3.9	0.54	Dense Forest
Others	Branches	11.7	4.9	3.9	0.54	Dense Forest
Teak	Leaves	11.7	0.54	0.43	0.060	Dense Forest
Others	Leaves	2.8	0.48	0.39	0.054	Open Forest
Teak	Bark	11.7	0.46	0.37	0.052	Dense Forest
Teak	Branches	11.7	0.46	0.37	0.052	Dense Forest
Teak	Twigs	11.7	0.46	0.37	0.052	Dense Forest
Others	Twigs	2.8	0.41	0.33	0.046	Open Forest
Others	Branches	2.8	0.41	0.33	0.046	Open Forest
Others	Bark	2.8	0.41	0.33	0.046	Open Forest
Bamboo	Stalk	11.7	0.11	0.087	0.012	Dense Forest
Eucalyptus	Leaves	11.7	0.057	0.046	0.0064	Dense Forest
Eucalyptus	Twigs	11.7	0.049	0.039	0.0055	Dense Forest
Eucalyptus	Bark	11.7	0.049	0.039	0.0055	Dense Forest
Eucalyptus	Branches	11.7	0.049	0.039	0.0055	Dense Forest
Teak	Leaves	2.8	0.046	0.037	0.0051	Open Forest
Teak	Twigs	2.8	0.039	0.031	0.0044	Open Forest
Teak	Branches	2.8	0.039	0.031	0.0044	Open Forest
Teak	Bark	2.8	0.039	0.031	0.0044	Open Forest
Others	Leaves	0.46	0.032	0.025	0.0036	Scrub
Catechu	Leaves	11.7	0.032	0.025	0.0035	Dense Forest
Others	Twigs	0.46	0.027	0.022	0.0030	Scrub
Others	Bark	0.46	0.027	0.022	0.0030	Scrub
Others	Branches	0.46	0.027	0.022	0.0030	Scrub
Catechu	Twigs	11.7	0.027	0.022	0.0030	Dense Forest
Catechu	Bark	11.7	0.027	0.022	0.0030	Dense Forest
Catechu	Branches	11.7	0.027	0.022	0.0030	Dense Forest
Bamboo	Stalk	2.8	0.0093	0.0074	0.0010	Open Forest
Eucalyptus	Leaves	2.8	0.0049	0.0039	0.00054	Open Forest
Bamboo	Leaves	11.7	0.0042	0.0034	0.00047	Dense Forest
Eucalyptus	Branches	2.8	0.0042	0.0033	0.00047	Open Forest
Eucalyptus	Bark	2.8	0.0042	0.0033	0.00047	Open Forest
Eucalyptus	Twigs	2.8	0.0042	0.0033	0.00047	Open Forest
Teak	Leaves	0.46	0.0030	0.0024	0.00034	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Leaves	2.8	0.0027	0.0022	0.00030	Open Forest
Teak	Bark	0.46	0.0026	0.0021	0.00029	Scrub
Teak	Branches	0.46	0.0026	0.0021	0.00029	Scrub
Teak	Twigs	0.46	0.0026	0.0021	0.00029	Scrub
Catechu	Twigs	2.8	0.0023	0.0019	0.00026	Open Forest
Catechu	Branches	2.8	0.0023	0.0019	0.00026	Open Forest
Catechu	Bark	2.8	0.0023	0.0019	0.00026	Open Forest
Bamboo	Stalk	0.46	0.00061	0.00049	6.82E-05	Scrub
Bamboo	Leaves	2.8	0.00036	0.00029	4.04E-05	Open Forest
Eucalyptus	Leaves	0.46	0.00032	0.00026	3.57E-05	Scrub
Eucalyptus	Twigs	0.46	0.00027	0.00022	3.06E-05	Scrub
Eucalyptus	Bark	0.46	0.00027	0.00022	3.06E-05	Scrub
Eucalyptus	Branches	0.46	0.00027	0.00022	3.06E-05	Scrub
Catechu	Leaves	0.46	0.00018	0.00014	1.98E-05	Scrub
Catechu	Twigs	0.46	0.00015	0.00012	1.70E-05	Scrub
Catechu	Bark	0.46	0.00015	0.00012	1.70E-05	Scrub
Catechu	Branches	0.46	0.00015	0.00012	1.70E-05	Scrub
Bamboo	Leaves	0.46	2.37E-05	1.90E-05	2.65E-06	Scrub
Total		14.9	24.6	19.7	2.8	

District level Residue-wise Data for Rajkot; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.0	0.50	0.33	0.047	Dense Forest
Others	Leaves	2.9	0.50	0.33	0.046	Open Forest
Others	Twigs	1.0	0.43	0.29	0.040	Dense Forest
Others	Bark	1.0	0.43	0.29	0.040	Dense Forest
Others	Branches	1.0	0.43	0.29	0.040	Dense Forest
Others	Branches	2.9	0.43	0.28	0.040	Open Forest
Others	Bark	2.9	0.43	0.28	0.040	Open Forest
Others	Twigs	2.9	0.43	0.28	0.040	Open Forest
Teak	Leaves	1.0	0.048	0.032	0.0044	Dense Forest
Teak	Leaves	2.9	0.047	0.031	0.0044	Open Forest
Others	Leaves	0.61	0.043	0.028	0.0039	Scrub
Teak	Bark	1.0	0.041	0.027	0.0038	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Branches	1.0	0.041	0.027	0.0038	Dense Forest
Teak	Twigs	1.0	0.041	0.027	0.0038	Dense Forest
Teak	Twigs	2.9	0.041	0.027	0.0038	Open Forest
Teak	Branches	2.9	0.041	0.027	0.0038	Open Forest
Teak	Bark	2.9	0.041	0.027	0.0038	Open Forest
Others	Twigs	0.61	0.036	0.024	0.0034	Scrub
Others	Bark	0.61	0.036	0.024	0.0034	Scrub
Others	Branches	0.61	0.036	0.024	0.0034	Scrub
Bamboo	Stalk	1.0	0.0097	0.0064	0.00090	Dense Forest
Bamboo	Stalk	2.9	0.0096	0.0063	0.00089	Open Forest
Eucalyptus	Leaves	1.0	0.0051	0.0033	0.00047	Dense Forest
Eucalyptus	Leaves	2.9	0.0050	0.0033	0.00046	Open Forest
Eucalyptus	Twigs	1.0	0.0043	0.0029	0.00040	Dense Forest
Eucalyptus	Bark	1.0	0.0043	0.0029	0.00040	Dense Forest
Eucalyptus	Branches	1.0	0.0043	0.0029	0.00040	Dense Forest
Eucalyptus	Branches	2.9	0.0043	0.0028	0.00040	Open Forest
Eucalyptus	Bark	2.9	0.0043	0.0028	0.00040	Open Forest
Eucalyptus	Twigs	2.9	0.0043	0.0028	0.00040	Open Forest
Teak	Leaves	0.61	0.0040	0.0027	0.00037	Scrub
Teak	Twigs	0.61	0.0035	0.0023	0.00032	Scrub
Teak	Bark	0.61	0.0035	0.0023	0.00032	Scrub
Teak	Branches	0.61	0.0035	0.0023	0.00032	Scrub
Catechu	Leaves	1.0	0.0028	0.0019	0.00026	Dense Forest
Catechu	Leaves	2.9	0.0028	0.0018	0.00026	Open Forest
Catechu	Twigs	1.0	0.0024	0.0016	0.00022	Dense Forest
Catechu	Bark	1.0	0.0024	0.0016	0.00022	Dense Forest
Catechu	Branches	1.0	0.0024	0.0016	0.00022	Dense Forest
Catechu	Branches	2.9	0.0024	0.0016	0.00022	Open Forest
Catechu	Bark	2.9	0.0024	0.0016	0.00022	Open Forest
Catechu	Twigs	2.9	0.0024	0.0016	0.00022	Open Forest
Bamboo	Stalk	0.61	0.00082	0.00054	7.55E-05	Scrub
Eucalyptus	Leaves	0.61	0.00043	0.00028	3.96E-05	Scrub
Bamboo	Leaves	1.0	0.00038	0.00025	3.48E-05	Dense Forest
Bamboo	Leaves	2.9	0.00037	0.00025	3.44E-05	Open Forest
Eucalyptus	Bark	0.61	0.00037	0.00024	3.39E-05	Scrub
Eucalyptus	Branches	0.61	0.00037	0.00024	3.39E-05	Scrub
Eucalyptus	Twigs	0.61	0.00037	0.00024	3.39E-05	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Leaves	0.61	0.00024	0.00016	2.20E-05	Scrub
Catechu	Twigs	0.61	0.00020	0.00013	1.88E-05	Scrub
Catechu	Bark	0.61	0.00020	0.00013	1.88E-05	Scrub
Catechu	Branches	0.61	0.00020	0.00013	1.88E-05	Scrub
Bamboo	Leaves	0.61	3.17E-05	2.10E-05	2.94E-06	Scrub
Total		4.5	4.2	2.8	0.39	

District level Residue-wise Data for Sabarkantha; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	29.8	14.5	9.6	1.3	Dense Forest
Others	Twigs	29.8	12.4	8.2	1.1	Dense Forest
Others	Bark	29.8	12.4	8.2	1.1	Dense Forest
Others	Branches	29.8	12.4	8.2	1.1	Dense Forest
Others	Leaves	28.1	4.9	3.2	0.45	Open Forest
Others	Twigs	28.1	4.2	2.8	0.39	Open Forest
Others	Branches	28.1	4.2	2.8	0.39	Open Forest
Others	Bark	28.1	4.2	2.8	0.39	Open Forest
Teak	Leaves	29.8	1.4	0.91	0.13	Dense Forest
Teak	Twigs	29.8	1.2	0.78	0.11	Dense Forest
Teak	Bark	29.8	1.2	0.78	0.11	Dense Forest
Teak	Branches	29.8	1.2	0.78	0.11	Dense Forest
Teak	Leaves	28.1	0.46	0.31	0.043	Open Forest
Others	Leaves	6.4	0.45	0.29	0.041	Scrub
Teak	Branches	28.1	0.40	0.26	0.037	Open Forest
Teak	Bark	28.1	0.40	0.26	0.037	Open Forest
Teak	Twigs	28.1	0.40	0.26	0.037	Open Forest
Others	Twigs	6.4	0.38	0.25	0.035	Scrub
Others	Bark	6.4	0.38	0.25	0.035	Scrub
Others	Branches	6.4	0.38	0.25	0.035	Scrub
Bamboo	Stalk	29.8	0.28	0.18	0.026	Dense Forest
Eucalyptus	Leaves	29.8	0.15	0.096	0.013	Dense Forest
Eucalyptus	Twigs	29.8	0.12	0.082	0.012	Dense Forest
Eucalyptus	Bark	29.8	0.12	0.082	0.012	Dense Forest
Eucalyptus	Branches	29.8	0.12	0.082	0.012	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Bamboo	Stalk	28.1	0.094	0.062	0.0087	Open Forest
Catechu	Leaves	29.8	0.081	0.053	0.0075	Dense Forest
Catechu	Twigs	29.8	0.069	0.046	0.0064	Dense Forest
Catechu	Bark	29.8	0.069	0.046	0.0064	Dense Forest
Catechu	Branches	29.8	0.069	0.046	0.0064	Dense Forest
Eucalyptus	Leaves	28.1	0.049	0.032	0.0045	Open Forest
Teak	Leaves	6.4	0.042	0.028	0.0039	Scrub
Eucalyptus	Twigs	28.1	0.042	0.028	0.0039	Open Forest
Eucalyptus	Branches	28.1	0.042	0.028	0.0039	Open Forest
Eucalyptus	Bark	28.1	0.042	0.028	0.0039	Open Forest
Teak	Bark	6.4	0.036	0.024	0.0034	Scrub
Teak	Branches	6.4	0.036	0.024	0.0034	Scrub
Teak	Twigs	6.4	0.036	0.024	0.0034	Scrub
Catechu	Leaves	28.1	0.027	0.018	0.0025	Open Forest
Catechu	Twigs	28.1	0.023	0.015	0.0022	Open Forest
Catechu	Branches	28.1	0.023	0.015	0.0022	Open Forest
Catechu	Bark	28.1	0.023	0.015	0.0022	Open Forest
Bamboo	Leaves	29.8	0.011	0.0071	0.00100	Dense Forest
Bamboo	Stalk	6.4	0.0086	0.0057	0.00079	Scrub
Eucalyptus	Leaves	6.4	0.0045	0.0030	0.00041	Scrub
Eucalyptus	Twigs	6.4	0.0038	0.0025	0.00036	Scrub
Eucalyptus	Bark	6.4	0.0038	0.0025	0.00036	Scrub
Eucalyptus	Branches	6.4	0.0038	0.0025	0.00036	Scrub
Bamboo	Leaves	28.1	0.0036	0.0024	0.00034	Open Forest
Catechu	Leaves	6.4	0.0025	0.0016	0.00023	Scrub
Catechu	Twigs	6.4	0.0021	0.0014	0.00020	Scrub
Catechu	Bark	6.4	0.0021	0.0014	0.00020	Scrub
Catechu	Branches	6.4	0.0021	0.0014	0.00020	Scrub
Bamboo	Leaves	6.4	0.00033	0.00022	3.08E-05	Scrub
Total		64.4	78.9	52.2	7.3	

District level Residue-wise Data for Surat; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	85.5	41.5	31.5	4.4	Dense Forest
Others	Twigs	85.5	35.6	27.0	3.8	Dense Forest
Others	Bark	85.5	35.6	27.0	3.8	Dense Forest
Others	Branches	85.5	35.6	27.0	3.8	Dense Forest
Others	Leaves	28.3	4.9	3.3	0.46	Open Forest
Teak	Leaves	85.5	3.9	3.0	0.42	Dense Forest
Others	Leaves	62.9	4.4	2.9	0.41	Scrub
Others	Twigs	28.3	4.2	2.8	0.39	Open Forest
Others	Branches	28.3	4.2	2.8	0.39	Open Forest
Others	Bark	28.3	4.2	2.8	0.39	Open Forest
Teak	Bark	85.5	3.4	2.6	0.36	Dense Forest
Teak	Branches	85.5	3.4	2.6	0.36	Dense Forest
Teak	Twigs	85.5	3.4	2.6	0.36	Dense Forest
Others	Twigs	62.9	3.7	2.5	0.35	Scrub
Others	Bark	62.9	3.7	2.5	0.35	Scrub
Others	Branches	62.9	3.7	2.5	0.35	Scrub
Bamboo	Stalk	85.5	0.80	0.60	0.085	Dense Forest
Eucalyptus	Leaves	85.5	0.42	0.32	0.044	Dense Forest
Teak	Leaves	28.3	0.46	0.31	0.043	Open Forest
Teak	Leaves	62.9	0.41	0.27	0.038	Scrub
Eucalyptus	Twigs	85.5	0.36	0.27	0.038	Dense Forest
Eucalyptus	Bark	85.5	0.36	0.27	0.038	Dense Forest
Eucalyptus	Branches	85.5	0.36	0.27	0.038	Dense Forest
Teak	Branches	28.3	0.40	0.27	0.037	Open Forest
Teak	Bark	28.3	0.40	0.27	0.037	Open Forest
Teak	Twigs	28.3	0.40	0.27	0.037	Open Forest
Teak	Twigs	62.9	0.35	0.24	0.033	Scrub
Teak	Bark	62.9	0.35	0.24	0.033	Scrub
Teak	Branches	62.9	0.35	0.24	0.033	Scrub
Catechu	Leaves	85.5	0.23	0.18	0.025	Dense Forest
Catechu	Twigs	85.5	0.20	0.15	0.021	Dense Forest
Catechu	Bark	85.5	0.20	0.15	0.021	Dense Forest
Catechu	Branches	85.5	0.20	0.15	0.021	Dense Forest
Bamboo	Stalk	28.3	0.094	0.063	0.0088	Open Forest
Bamboo	Stalk	62.9	0.084	0.056	0.0078	Scrub
Eucalyptus	Leaves	28.3	0.049	0.033	0.0046	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Leaves	62.9	0.044	0.029	0.0041	Scrub
Eucalyptus	Twigs	28.3	0.042	0.028	0.0039	Open Forest
Eucalyptus	Branches	28.3	0.042	0.028	0.0039	Open Forest
Eucalyptus	Bark	28.3	0.042	0.028	0.0039	Open Forest
Eucalyptus	Bark	62.9	0.038	0.025	0.0035	Scrub
Eucalyptus	Branches	62.9	0.038	0.025	0.0035	Scrub
Eucalyptus	Twigs	62.9	0.038	0.025	0.0035	Scrub
Bamboo	Leaves	85.5	0.031	0.023	0.0033	Dense Forest
Catechu	Leaves	28.3	0.027	0.018	0.0026	Open Forest
Catechu	Leaves	62.9	0.024	0.016	0.0023	Scrub
Catechu	Twigs	28.3	0.023	0.016	0.0022	Open Forest
Catechu	Branches	28.3	0.023	0.016	0.0022	Open Forest
Catechu	Bark	28.3	0.023	0.016	0.0022	Open Forest
Catechu	Bark	62.9	0.021	0.014	0.0019	Scrub
Catechu	Branches	62.9	0.021	0.014	0.0019	Scrub
Catechu	Twigs	62.9	0.021	0.014	0.0019	Scrub
Bamboo	Leaves	28.3	0.0037	0.0024	0.00034	Open Forest
Bamboo	Leaves	62.9	0.0033	0.0022	0.00030	Scrub
Total		176.7	202.3	150.0	21.0	

District level Residue-wise Data for Surendranagar; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.1	1.0	0.69	0.096	Dense Forest
Others	Twigs	2.1	0.89	0.59	0.083	Dense Forest
Others	Bark	2.1	0.89	0.59	0.083	Dense Forest
Others	Branches	2.1	0.89	0.59	0.083	Dense Forest
Teak	Leaves	2.1	0.099	0.065	0.0091	Dense Forest
Others	Leaves	0.54	0.093	0.062	0.0086	Open Forest
Teak	Bark	2.1	0.085	0.056	0.0078	Dense Forest
Teak	Branches	2.1	0.085	0.056	0.0078	Dense Forest
Teak	Twigs	2.1	0.085	0.056	0.0078	Dense Forest
Others	Twigs	0.54	0.080	0.053	0.0074	Open Forest
Others	Branches	0.54	0.080	0.053	0.0074	Open Forest
Others	Bark	0.54	0.080	0.053	0.0074	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Bamboo	Stalk	2.1	0.020	0.013	0.0018	Dense Forest
Eucalyptus	Leaves	2.1	0.010	0.0069	0.00097	Dense Forest
Eucalyptus	Twigs	2.1	0.0090	0.0059	0.00083	Dense Forest
Eucalyptus	Bark	2.1	0.0090	0.0059	0.00083	Dense Forest
Eucalyptus	Branches	2.1	0.0090	0.0059	0.00083	Dense Forest
Teak	Leaves	0.54	0.0089	0.0059	0.00082	Open Forest
Teak	Twigs	0.54	0.0076	0.0050	0.00070	Open Forest
Teak	Branches	0.54	0.0076	0.0050	0.00070	Open Forest
Teak	Bark	0.54	0.0076	0.0050	0.00070	Open Forest
Catechu	Leaves	2.1	0.0058	0.0038	0.00054	Dense Forest
Others	Leaves	0.080	0.0055	0.0037	0.00051	Scrub
Catechu	Twigs	2.1	0.0050	0.0033	0.00046	Dense Forest
Catechu	Bark	2.1	0.0050	0.0033	0.00046	Dense Forest
Catechu	Branches	2.1	0.0050	0.0033	0.00046	Dense Forest
Others	Twigs	0.080	0.0047	0.0031	0.00044	Scrub
Others	Bark	0.080	0.0047	0.0031	0.00044	Scrub
Others	Branches	0.080	0.0047	0.0031	0.00044	Scrub
Bamboo	Stalk	0.54	0.0018	0.0012	0.00017	Open Forest
Eucalyptus	Leaves	0.54	0.00094	0.00062	8.67E-05	Open Forest
Eucalyptus	Twigs	0.54	0.00080	0.00053	7.43E-05	Open Forest
Eucalyptus	Branches	0.54	0.00080	0.00053	7.43E-05	Open Forest
Eucalyptus	Bark	0.54	0.00080	0.00053	7.43E-05	Open Forest
Bamboo	Leaves	2.1	0.00078	0.00051	7.19E-05	Dense Forest
Teak	Leaves	0.080	0.00053	0.00035	4.86E-05	Scrub
Catechu	Leaves	0.54	0.00052	0.00034	4.82E-05	Open Forest
Teak	Bark	0.080	0.00045	0.00030	4.17E-05	Scrub
Teak	Branches	0.080	0.00045	0.00030	4.17E-05	Scrub
Teak	Twigs	0.080	0.00045	0.00030	4.17E-05	Scrub
Catechu	Twigs	0.54	0.00045	0.00029	4.13E-05	Open Forest
Catechu	Branches	0.54	0.00045	0.00029	4.13E-05	Open Forest
Catechu	Bark	0.54	0.00045	0.00029	4.13E-05	Open Forest
Bamboo	Stalk	0.080	0.00011	7.03E-05	9.84E-06	Scrub
Bamboo	Leaves	0.54	6.96E-05	4.60E-05	6.44E-06	Open Forest
Eucalyptus	Leaves	0.080	5.57E-05	3.68E-05	5.15E-06	Scrub
Eucalyptus	Twigs	0.080	4.77E-05	3.15E-05	4.41E-06	Scrub
Eucalyptus	Bark	0.080	4.77E-05	3.15E-05	4.41E-06	Scrub
Eucalyptus	Branches	0.080	4.77E-05	3.15E-05	4.41E-06	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Leaves	0.080	3.09E-05	2.04E-05	2.86E-06	Scrub
Catechu	Twigs	0.080	2.65E-05	1.75E-05	2.45E-06	Scrub
Catechu	Bark	0.080	2.65E-05	1.75E-05	2.45E-06	Scrub
Catechu	Branches	0.080	2.65E-05	1.75E-05	2.45E-06	Scrub
Bamboo	Leaves	0.080	4.13E-06	2.73E-06	3.83E-07	Scrub
Total		2.8	4.5	3.0	0.42	

District level Residue-wise Data for Thedangs; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	70.4	34.1	22.6	3.2	Dense Forest
Others	Twigs	70.4	29.3	19.3	2.7	Dense Forest
Others	Bark	70.4	29.3	19.3	2.7	Dense Forest
Others	Branches	70.4	29.3	19.3	2.7	Dense Forest
Others	Leaves	25.5	4.4	2.9	0.41	Open Forest
Others	Twigs	25.5	3.8	2.5	0.35	Open Forest
Others	Branches	25.5	3.8	2.5	0.35	Open Forest
Others	Bark	25.5	3.8	2.5	0.35	Open Forest
Teak	Leaves	70.4	3.2	2.1	0.30	Dense Forest
Teak	Twigs	70.4	2.8	1.8	0.26	Dense Forest
Teak	Bark	70.4	2.8	1.8	0.26	Dense Forest
Teak	Branches	70.4	2.8	1.8	0.26	Dense Forest
Others	Leaves	27.8	1.9	1.3	0.18	Scrub
Others	Twigs	27.8	1.7	1.1	0.15	Scrub
Others	Bark	27.8	1.7	1.1	0.15	Scrub
Others	Branches	27.8	1.7	1.1	0.15	Scrub
Bamboo	Stalk	70.4	0.65	0.43	0.061	Dense Forest
Teak	Leaves	25.5	0.42	0.28	0.039	Open Forest
Teak	Twigs	25.5	0.36	0.24	0.033	Open Forest
Teak	Branches	25.5	0.36	0.24	0.033	Open Forest
Teak	Bark	25.5	0.36	0.24	0.033	Open Forest
Eucalyptus	Leaves	70.4	0.34	0.23	0.032	Dense Forest
Eucalyptus	Twigs	70.4	0.29	0.19	0.027	Dense Forest
Eucalyptus	Bark	70.4	0.29	0.19	0.027	Dense Forest
Eucalyptus	Branches	70.4	0.29	0.19	0.027	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Leaves	70.4	0.19	0.13	0.018	Dense Forest
Teak	Leaves	27.8	0.18	0.12	0.017	Scrub
Catechu	Twigs	70.4	0.16	0.11	0.015	Dense Forest
Catechu	Bark	70.4	0.16	0.11	0.015	Dense Forest
Catechu	Branches	70.4	0.16	0.11	0.015	Dense Forest
Teak	Bark	27.8	0.16	0.10	0.014	Scrub
Teak	Branches	27.8	0.16	0.10	0.014	Scrub
Teak	Twigs	27.8	0.16	0.10	0.014	Scrub
Bamboo	Stalk	25.5	0.085	0.056	0.0079	Open Forest
Eucalyptus	Leaves	25.5	0.044	0.029	0.0041	Open Forest
Eucalyptus	Twigs	25.5	0.038	0.025	0.0035	Open Forest
Eucalyptus	Branches	25.5	0.038	0.025	0.0035	Open Forest
Eucalyptus	Bark	25.5	0.038	0.025	0.0035	Open Forest
Bamboo	Stalk	27.8	0.037	0.024	0.0034	Scrub
Bamboo	Leaves	70.4	0.025	0.017	0.0024	Dense Forest
Catechu	Leaves	25.5	0.025	0.016	0.0023	Open Forest
Catechu	Twigs	25.5	0.021	0.014	0.0020	Open Forest
Catechu	Branches	25.5	0.021	0.014	0.0020	Open Forest
Catechu	Bark	25.5	0.021	0.014	0.0020	Open Forest
Eucalyptus	Leaves	27.8	0.019	0.013	0.0018	Scrub
Eucalyptus	Twigs	27.8	0.017	0.011	0.0015	Scrub
Eucalyptus	Bark	27.8	0.017	0.011	0.0015	Scrub
Eucalyptus	Branches	27.8	0.017	0.011	0.0015	Scrub
Catechu	Leaves	27.8	0.011	0.0071	0.00099	Scrub
Catechu	Twigs	27.8	0.0092	0.0061	0.00085	Scrub
Catechu	Bark	27.8	0.0092	0.0061	0.00085	Scrub
Catechu	Branches	27.8	0.0092	0.0061	0.00085	Scrub
Bamboo	Leaves	25.5	0.0033	0.0022	0.00031	Open Forest
Bamboo	Leaves	27.8	0.0014	0.00095	0.00013	Scrub
Total		123.7	161.4	106.7	14.9	

District level Residue-wise Data for Vadodara; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	37.4	18.1	12.0	1.7	Dense Forest
Others	Twigs	37.4	15.5	10.3	1.4	Dense Forest
Others	Bark	37.4	15.5	10.3	1.4	Dense Forest
Others	Branches	37.4	15.5	10.3	1.4	Dense Forest
Others	Leaves	14.0	2.4	1.6	0.22	Open Forest
Others	Twigs	14.0	2.1	1.4	0.19	Open Forest
Others	Branches	14.0	2.1	1.4	0.19	Open Forest
Others	Bark	14.0	2.1	1.4	0.19	Open Forest
Teak	Leaves	37.4	1.7	1.1	0.16	Dense Forest
Teak	Twigs	37.4	1.5	0.98	0.14	Dense Forest
Teak	Bark	37.4	1.5	0.98	0.14	Dense Forest
Teak	Branches	37.4	1.5	0.98	0.14	Dense Forest
Others	Leaves	16.1	1.1	0.74	0.10	Scrub
Others	Twigs	16.1	0.96	0.63	0.088	Scrub
Others	Bark	16.1	0.96	0.63	0.088	Scrub
Others	Branches	16.1	0.96	0.63	0.088	Scrub
Bamboo	Stalk	37.4	0.35	0.23	0.032	Dense Forest
Teak	Leaves	14.0	0.23	0.15	0.021	Open Forest
Teak	Twigs	14.0	0.20	0.13	0.018	Open Forest
Teak	Branches	14.0	0.20	0.13	0.018	Open Forest
Teak	Bark	14.0	0.20	0.13	0.018	Open Forest
Eucalyptus	Leaves	37.4	0.18	0.12	0.017	Dense Forest
Eucalyptus	Twigs	37.4	0.16	0.10	0.014	Dense Forest
Eucalyptus	Bark	37.4	0.16	0.10	0.014	Dense Forest
Eucalyptus	Branches	37.4	0.16	0.10	0.014	Dense Forest
Teak	Leaves	16.1	0.11	0.070	0.0098	Scrub
Catechu	Leaves	37.4	0.10	0.067	0.0094	Dense Forest
Teak	Bark	16.1	0.091	0.060	0.0084	Scrub
Teak	Branches	16.1	0.091	0.060	0.0084	Scrub
Teak	Twigs	16.1	0.091	0.060	0.0084	Scrub
Catechu	Twigs	37.4	0.087	0.057	0.0080	Dense Forest
Catechu	Bark	37.4	0.087	0.057	0.0080	Dense Forest
Catechu	Branches	37.4	0.087	0.057	0.0080	Dense Forest
Bamboo	Stalk	14.0	0.047	0.031	0.0043	Open Forest
Eucalyptus	Leaves	14.0	0.024	0.016	0.0023	Open Forest
Bamboo	Stalk	16.1	0.021	0.014	0.0020	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Branches	14.0	0.021	0.014	0.0019	Open Forest
Eucalyptus	Bark	14.0	0.021	0.014	0.0019	Open Forest
Eucalyptus	Twigs	14.0	0.021	0.014	0.0019	Open Forest
Catechu	Leaves	14.0	0.014	0.0090	0.0013	Open Forest
Bamboo	Leaves	37.4	0.014	0.0089	0.0013	Dense Forest
Catechu	Branches	14.0	0.012	0.0077	0.0011	Open Forest
Catechu	Bark	14.0	0.012	0.0077	0.0011	Open Forest
Catechu	Twigs	14.0	0.012	0.0077	0.0011	Open Forest
Eucalyptus	Leaves	16.1	0.011	0.0074	0.0010	Scrub
Eucalyptus	Twigs	16.1	0.0096	0.0063	0.00089	Scrub
Eucalyptus	Bark	16.1	0.0096	0.0063	0.00089	Scrub
Eucalyptus	Branches	16.1	0.0096	0.0063	0.00089	Scrub
Catechu	Leaves	16.1	0.0062	0.0041	0.00058	Scrub
Catechu	Twigs	16.1	0.0053	0.0035	0.00049	Scrub
Catechu	Bark	16.1	0.0053	0.0035	0.00049	Scrub
Catechu	Branches	16.1	0.0053	0.0035	0.00049	Scrub
Bamboo	Leaves	14.0	0.0018	0.0012	0.00017	Open Forest
Bamboo	Leaves	16.1	0.00083	0.00055	7.70E-05	Scrub
Total		67.5	86.4	57.1	8.0	

District level Residue-wise Data for Valsad; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	75.3	13.0	8.6	1.2	Open Forest
Others	Twigs	75.3	11.2	7.4	1.0	Open Forest
Others	Branches	75.3	11.2	7.4	1.0	Open Forest
Others	Bark	75.3	11.2	7.4	1.0	Open Forest
Others	Leaves	6.2	3.0	2.0	0.28	Dense Forest
Others	Branches	6.2	2.6	1.7	0.24	Dense Forest
Others	Twigs	6.2	2.6	1.7	0.24	Dense Forest
Others	Bark	6.2	2.6	1.7	0.24	Dense Forest
Teak	Leaves	75.3	1.2	0.82	0.11	Open Forest
Teak	Branches	75.3	1.1	0.70	0.098	Open Forest
Teak	Bark	75.3	1.1	0.70	0.098	Open Forest
Teak	Twigs	75.3	1.1	0.70	0.098	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	11.7	0.81	0.53	0.075	Scrub
Others	Twigs	11.7	0.69	0.46	0.064	Scrub
Others	Branches	11.7	0.69	0.46	0.064	Scrub
Others	Bark	11.7	0.69	0.46	0.064	Scrub
Teak	Leaves	6.2	0.28	0.19	0.026	Dense Forest
Bamboo	Stalk	75.3	0.25	0.17	0.023	Open Forest
Teak	Twigs	6.2	0.24	0.16	0.022	Dense Forest
Teak	Bark	6.2	0.24	0.16	0.022	Dense Forest
Teak	Branches	6.2	0.24	0.16	0.022	Dense Forest
Eucalyptus	Leaves	75.3	0.13	0.087	0.012	Open Forest
Eucalyptus	Twigs	75.3	0.11	0.074	0.010	Open Forest
Eucalyptus	Bark	75.3	0.11	0.074	0.010	Open Forest
Eucalyptus	Branches	75.3	0.11	0.074	0.010	Open Forest
Teak	Leaves	11.7	0.077	0.051	0.0071	Scrub
Catechu	Leaves	75.3	0.073	0.048	0.0067	Open Forest
Teak	Branches	11.7	0.066	0.043	0.0061	Scrub
Teak	Bark	11.7	0.066	0.043	0.0061	Scrub
Teak	Twigs	11.7	0.066	0.043	0.0061	Scrub
Catechu	Twigs	75.3	0.062	0.041	0.0058	Open Forest
Catechu	Branches	75.3	0.062	0.041	0.0058	Open Forest
Catechu	Bark	75.3	0.062	0.041	0.0058	Open Forest
Bamboo	Stalk	6.2	0.057	0.038	0.0053	Dense Forest
Eucalyptus	Leaves	6.2	0.030	0.020	0.0028	Dense Forest
Eucalyptus	Branches	6.2	0.026	0.017	0.0024	Dense Forest
Eucalyptus	Bark	6.2	0.026	0.017	0.0024	Dense Forest
Eucalyptus	Twigs	6.2	0.026	0.017	0.0024	Dense Forest
Catechu	Leaves	6.2	0.017	0.011	0.0015	Dense Forest
Bamboo	Stalk	11.7	0.016	0.010	0.0014	Scrub
Catechu	Bark	6.2	0.014	0.0095	0.0013	Dense Forest
Catechu	Branches	6.2	0.014	0.0095	0.0013	Dense Forest
Catechu	Twigs	6.2	0.014	0.0095	0.0013	Dense Forest
Bamboo	Leaves	75.3	0.0097	0.0064	0.00090	Open Forest
Eucalyptus	Leaves	11.7	0.0081	0.0054	0.00075	Scrub
Eucalyptus	Twigs	11.7	0.0070	0.0046	0.00064	Scrub
Eucalyptus	Bark	11.7	0.0070	0.0046	0.00064	Scrub
Eucalyptus	Branches	11.7	0.0070	0.0046	0.00064	Scrub
Catechu	Leaves	11.7	0.0045	0.0030	0.00042	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Twigs	11.7	0.0039	0.0026	0.00036	Scrub
Catechu	Branches	11.7	0.0039	0.0026	0.00036	Scrub
Catechu	Bark	11.7	0.0039	0.0026	0.00036	Scrub
Bamboo	Leaves	6.2	0.0022	0.0015	0.00021	Dense Forest
Bamboo	Leaves	11.7	0.00060	0.00040	5.58E-05	Scrub
Total		93.1	67.1	44.4	6.2	

District Level Taluk Wise

DistrictLevel Taluk-wise Data for Ahmedabad ; Biomass Class : Forest				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Barwala	3.5	3.7	2.5	0.35
Dhandhuka	0.23	0.33	0.22	0.031
Total		3.8	4.1	2.7

DistrictLevel Taluk-wise Data for Amreli ; Biomass Class : Forest				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Dhari	34.5	41.5	27.4	3.8
Khambha	8.2	2.3	1.5	0.21
Savarkundla	0.37	0.10	0.068	0.0096
Total		43.0	43.8	29.0

**DistrictLevel Taluk-wise Data for Banaskantha ;
Biomass Class : Forest**

Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Danta	12.5	11.2	7.4	1.0
Amirgadh	8.4	6.1	4.1	0.57
Palanpur	1.1	1.3	0.85	0.12
Dantiwada	0.34	0.42	0.28	0.039
Vadgam	0.070	0.14	0.090	0.013
Total		22.4	19.2	12.7

**DistrictLevel Taluk-wise Data for Bharuch ;
Biomass Class : Forest**

Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jhaghadia	11.4	9.5	6.3	0.88
Valiya	1.5	0.44	0.29	0.040
Vagara	0.22	0.31	0.21	0.029
Total		13.1	10.3	6.8

**DistrictLevel Taluk-wise Data for Bhavnagar ;
Biomass Class : Forest**

Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Vallabhipur	5.1	3.6	2.4	0.33
Shihor	2.6	2.8	1.9	0.26
Mahuva	0.90	0.92	0.61	0.085
Botad	0.42	0.38	0.25	0.035
Bhavnagar	0.17	0.32	0.21	0.030
Total		9.1	8.0	5.3

DistrictLevel Taluk-wise Data for Dahod ; Biomass Class : Forest				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Limkheda	24.8	29.3	23.4	3.3
Dhanpur	27.9	23.9	19.1	2.7
Dahod	9.0	15.9	12.7	1.8
Devgadhbaria	13.7	15.6	12.5	1.7
Jhalod	8.9	9.5	7.6	1.1
Ghoghamba	11.6	7.7	6.2	0.86
Fatepura	1.7	3.0	2.4	0.34
Garbada	2.2	2.6	2.1	0.29
Total		99.9	107.6	86.1

DistrictLevel Taluk-wise Data for Jamnagar ; Biomass Class : Forest				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bhanvad	11.5	18.7	12.4	1.7
Jamjodhpur	6.8	4.5	3.0	0.42
Lalpur	0.071	0.14	0.090	0.013
Total		18.4	23.4	15.5

DistrictLevel Taluk-wise Data for Junagadh ; Biomass Class : Forest				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Talala	49.7	96.2	63.6	8.9
Visavadar	32.3	49.1	32.5	4.5
Una	62.8	43.4	28.7	4.0
Junagadh	28.8	14.0	9.2	1.3
Mendarda	5.9	8.2	5.4	0.76
Mangrol	7.3	6.4	4.2	0.59
Veraval	0.57	1.1	0.73	0.10
Bhesan	0.42	0.81	0.53	0.075
Maliya	0.91	0.56	0.37	0.052
Total		188.8	219.7	145.3

DistrictLevel Taluk-wise Data for Kachchh ; Biomass Class : Forest				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Bhuj	55.0	39.6	26.2	3.7
Nakhtrana	9.6	8.6	5.7	0.79
Mandvi	2.9	5.3	3.5	0.49
Lakhat	2.4	3.1	2.1	0.29
Abadasa	2.5	2.4	1.6	0.22
Rann_Of_Kachchh	0.28	0.50	0.33	0.046
Total		72.7	59.5	39.3

DistrictLevel Taluk-wise Data for Kheda ; Biomass Class : Forest				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Virpur	3.2	2.2	1.5	0.21
Kathlal	1.1	2.0	1.3	0.19
Total		4.3	4.2	2.8

DistrictLevel Taluk-wise Data for Narmada ; Biomass Class : Forest				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Dediapada	69.9	125.7	100.6	14.1
Nandod	68.5	81.8	65.4	9.2
Sagbara	2.0	3.7	3.0	0.41
Tilakwada	0.17	0.12	0.092	0.013
Total		140.6	211.3	169.1

DistrictLevel Taluk-wise Data for Navsari ; Biomass Class : Forest				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Vansda	28.6	25.9	20.7	2.9
Chikhli	1.2	0.43	0.34	0.048
Total		29.8	26.3	21.1

DistrictLevel Taluk-wise Data for Panchmahal ; Biomass Class : Forest				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kadana	24.1	34.6	22.9	3.2
Khanpur	14.2	27.4	18.1	2.5
Halol	11.6	19.8	13.1	1.8
Shahera	16.9	17.4	11.5	1.6
Godhara	10.7	15.8	10.5	1.5
Jambughoda	10.3	14.5	9.6	1.3
Kalol(Panchmahals)	3.7	7.0	4.6	0.65
Lunawada	6.5	6.8	4.5	0.63
Morva	3.4	5.3	3.5	0.49
Santrampur	7.0	4.5	3.0	0.42
Total		108.2	153.2	101.3

DistrictLevel Taluk-wise Data for Porbander ; Biomass Class : Forest				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Ranavav	10.1	18.1	14.5	2.0
Porbandar	4.8	6.5	5.2	0.73
Total		14.9	24.6	19.7

DistrictLevel Taluk-wise Data for Rajkot ; Biomass Class : Forest				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Vankaner	2.4	1.7	1.1	0.16
Dhoraji	0.85	1.1	0.71	0.099
Jasdan	0.93	1.0	0.69	0.097
Lodhika	0.31	0.33	0.22	0.031
Jetpur	0.0042	0.0081	0.0054	0.00075
Total		4.5	4.2	2.8

DistrictLevel Taluk-wise Data for Sabarkantha ; Biomass Class : Forest				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Vijaynagar	40.2	48.4	32.0	4.5
Malpur	5.7	7.8	5.1	0.72
Bhiloda	6.8	7.2	4.7	0.66
Khedbrahma	2.8	4.9	3.3	0.46
Idar	2.7	4.0	2.7	0.37
Himatnagar	3.7	3.8	2.5	0.35
Modasa	1.3	1.1	0.72	0.10
Meghraj	0.42	0.78	0.51	0.072
Vadali	0.30	0.58	0.39	0.054
Bayad	0.40	0.33	0.22	0.030
Dhansura	0.077	0.053	0.035	0.0049
Total		64.4	78.9	52.2

DistrictLevel Taluk-wise Data for Surat ; Biomass Class : Forest				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sonagadh	62.7	117.2	93.8	13.1
Mandvi	19.5	37.2	24.6	3.4
Umarpada	23.1	16.4	10.8	1.5
Uchchhal	38.0	10.6	7.0	0.98
Mangrol	5.2	7.4	4.9	0.68

Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Vyara	23.2	7.3	4.8	0.67
Mahuva	2.2	4.3	2.9	0.40
Nizar	2.8	1.9	1.3	0.18
Total		176.7	202.3	150.0

DistrictLevel Taluk-wise Data for Surendranagar ; Biomass Class : Forest				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Chotila	2.1	4.1	2.7	0.38
Dasada	0.61	0.39	0.26	0.036
Muli	0.023	0.037	0.025	0.0034
Total		2.8	4.5	3.0

DistrictLevel Taluk-wise Data for Thedangs ; Biomass Class : Forest				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Dangs	123.7	161.4	106.7	14.9
Total		123.7	161.4	106.7

DistrictLevel Taluk-wise Data for Vadodara ; Biomass Class : Forest				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Chhota-Udepur	26.1	41.1	27.2	3.8
Jetpur-Pavi	23.4	20.7	13.7	1.9
Kawant	12.1	17.1	11.3	1.6
Sankheda	3.7	6.7	4.5	0.62
Naswadi	2.2	0.78	0.52	0.072
Total		67.5	86.4	57.1

DistrictLevel Taluk-wise Data for Valsad ; Biomass Class : Forest				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Dharampur	45.9	34.9	23.1	3.2
Kaprada	46.7	31.8	21.0	2.9
Pardi	0.47	0.44	0.29	0.041
Total		93.1	67.1	44.4

Taluk Level Residue Wise

Taluk level Residue-wise Data for Barwala ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.2	0.59	0.39	0.055	Dense Forest
Others	Twigs	1.2	0.51	0.34	0.047	Dense Forest
Others	Bark	1.2	0.51	0.34	0.047	Dense Forest
Others	Branches	1.2	0.51	0.34	0.047	Dense Forest
Others	Leaves	1.8	0.31	0.20	0.028	Open Forest
Others	Twigs	1.8	0.26	0.17	0.024	Open Forest
Others	Bark	1.8	0.26	0.17	0.024	Open Forest
Others	Branches	1.8	0.26	0.17	0.024	Open Forest
Teak	Leaves	1.2	0.056	0.037	0.0052	Dense Forest
Teak	Twigs	1.2	0.048	0.032	0.0045	Dense Forest
Teak	Bark	1.2	0.048	0.032	0.0045	Dense Forest
Teak	Branches	1.2	0.048	0.032	0.0045	Dense Forest
Others	Leaves	0.53	0.037	0.024	0.0034	Scrub
Others	Twigs	0.53	0.032	0.021	0.0029	Scrub
Others	Bark	0.53	0.032	0.021	0.0029	Scrub
Others	Branches	0.53	0.032	0.021	0.0029	Scrub
Teak	Leaves	1.8	0.029	0.019	0.0027	Open Forest
Teak	Twigs	1.8	0.025	0.016	0.0023	Open Forest
Teak	Bark	1.8	0.025	0.016	0.0023	Open Forest
Teak	Branches	1.8	0.025	0.016	0.0023	Open Forest
Bamboo	Stalk	1.2	0.011	0.0075	0.0011	Dense Forest
Eucalyptus	Leaves	1.2	0.0060	0.0039	0.00055	Dense Forest
Bamboo	Stalk	1.8	0.0059	0.0039	0.00054	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Twigs	1.2	0.0051	0.0034	0.00047	Dense Forest
Eucalyptus	Bark	1.2	0.0051	0.0034	0.00047	Dense Forest
Eucalyptus	Branches	1.2	0.0051	0.0034	0.00047	Dense Forest
Teak	Leaves	0.53	0.0035	0.0023	0.00032	Scrub
Catechu	Leaves	1.2	0.0033	0.0022	0.00031	Dense Forest
Eucalyptus	Leaves	1.8	0.0031	0.0020	0.00029	Open Forest
Teak	Twigs	0.53	0.0030	0.0020	0.00028	Scrub
Teak	Bark	0.53	0.0030	0.0020	0.00028	Scrub
Teak	Branches	0.53	0.0030	0.0020	0.00028	Scrub
Catechu	Twigs	1.2	0.0028	0.0019	0.00026	Dense Forest
Catechu	Bark	1.2	0.0028	0.0019	0.00026	Dense Forest
Catechu	Branches	1.2	0.0028	0.0019	0.00026	Dense Forest
Eucalyptus	Twigs	1.8	0.0026	0.0017	0.00024	Open Forest
Eucalyptus	Bark	1.8	0.0026	0.0017	0.00024	Open Forest
Eucalyptus	Branches	1.8	0.0026	0.0017	0.00024	Open Forest
Catechu	Leaves	1.8	0.0017	0.0011	0.00016	Open Forest
Catechu	Twigs	1.8	0.0015	0.00097	0.00014	Open Forest
Catechu	Bark	1.8	0.0015	0.00097	0.00014	Open Forest
Catechu	Branches	1.8	0.0015	0.00097	0.00014	Open Forest
Bamboo	Stalk	0.53	0.00071	0.00047	6.57E-05	Scrub
Bamboo	Leaves	1.2	0.00044	0.00029	4.09E-05	Dense Forest
Eucalyptus	Leaves	0.53	0.00037	0.00025	3.44E-05	Scrub
Eucalyptus	Twigs	0.53	0.00032	0.00021	2.95E-05	Scrub
Eucalyptus	Bark	0.53	0.00032	0.00021	2.95E-05	Scrub
Eucalyptus	Branches	0.53	0.00032	0.00021	2.95E-05	Scrub
Bamboo	Leaves	1.8	0.00023	0.00015	2.12E-05	Open Forest
Catechu	Leaves	0.53	0.00021	0.00014	1.91E-05	Scrub
Catechu	Twigs	0.53	0.00018	0.00012	1.64E-05	Scrub
Catechu	Bark	0.53	0.00018	0.00012	1.64E-05	Scrub
Catechu	Branches	0.53	0.00018	0.00012	1.64E-05	Scrub
Bamboo	Leaves	0.53	2.76E-05	1.82E-05	2.55E-06	Scrub
Total		3.5	3.7	2.5	0.35	

Taluk level Residue-wise Data for Dhandhuka ; Biomass Class : Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.16	0.079	0.052	0.0073	Dense Forest
Others	Twigs	0.16	0.068	0.045	0.0063	Dense Forest
Others	Bark	0.16	0.068	0.045	0.0063	Dense Forest
Others	Branches	0.16	0.068	0.045	0.0063	Dense Forest
Teak	Leaves	0.16	0.0075	0.0049	0.00069	Dense Forest
Teak	Twigs	0.16	0.0064	0.0042	0.00059	Dense Forest
Teak	Bark	0.16	0.0064	0.0042	0.00059	Dense Forest
Teak	Branches	0.16	0.0064	0.0042	0.00059	Dense Forest
Others	Leaves	0.064	0.0044	0.0029	0.00041	Scrub
Others	Twigs	0.064	0.0038	0.0025	0.00035	Scrub
Others	Bark	0.064	0.0038	0.0025	0.00035	Scrub
Others	Branches	0.064	0.0038	0.0025	0.00035	Scrub
Bamboo	Stalk	0.16	0.0015	0.0010	0.00014	Dense Forest
Eucalyptus	Leaves	0.16	0.00079	0.00052	7.33E-05	Dense Forest
Eucalyptus	Twigs	0.16	0.00068	0.00045	6.28E-05	Dense Forest
Eucalyptus	Bark	0.16	0.00068	0.00045	6.28E-05	Dense Forest
Eucalyptus	Branches	0.16	0.00068	0.00045	6.28E-05	Dense Forest
Catechu	Leaves	0.16	0.00044	0.00029	4.07E-05	Dense Forest
Teak	Leaves	0.064	0.00042	0.00028	3.87E-05	Scrub
Catechu	Twigs	0.16	0.00038	0.00025	3.49E-05	Dense Forest
Catechu	Bark	0.16	0.00038	0.00025	3.49E-05	Dense Forest
Catechu	Branches	0.16	0.00038	0.00025	3.49E-05	Dense Forest
Teak	Bark	0.064	0.00036	0.00024	3.32E-05	Scrub
Teak	Branches	0.064	0.00036	0.00024	3.32E-05	Scrub
Teak	Twigs	0.064	0.00036	0.00024	3.32E-05	Scrub
Bamboo	Stalk	0.064	8.46E-05	5.59E-05	7.83E-06	Scrub
Bamboo	Leaves	0.16	5.88E-05	3.89E-05	5.44E-06	Dense Forest
Eucalyptus	Leaves	0.064	4.43E-05	2.93E-05	4.10E-06	Scrub
Eucalyptus	Twigs	0.064	3.80E-05	2.51E-05	3.51E-06	Scrub
Eucalyptus	Bark	0.064	3.80E-05	2.51E-05	3.51E-06	Scrub
Eucalyptus	Branches	0.064	3.80E-05	2.51E-05	3.51E-06	Scrub
Catechu	Leaves	0.064	2.46E-05	1.63E-05	2.28E-06	Scrub
Catechu	Twigs	0.064	2.11E-05	1.39E-05	1.95E-06	Scrub
Catechu	Bark	0.064	2.11E-05	1.39E-05	1.95E-06	Scrub
Catechu	Branches	0.064	2.11E-05	1.39E-05	1.95E-06	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Bamboo	Leaves	0.064	3.29E-06	2.17E-06	3.04E-07	Scrub
Total		0.23	0.33	0.22	0.031	

Taluk level Residue-wise Data for Dhari ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	16.8	8.1	5.4	0.75	Dense Forest
Others	Twigs	16.8	7.0	4.6	0.65	Dense Forest
Others	Bark	16.8	7.0	4.6	0.65	Dense Forest
Others	Branches	16.8	7.0	4.6	0.65	Dense Forest
Others	Leaves	10.0	1.7	1.1	0.16	Open Forest
Others	Twigs	10.0	1.5	0.98	0.14	Open Forest
Others	Bark	10.0	1.5	0.98	0.14	Open Forest
Others	Branches	10.0	1.5	0.98	0.14	Open Forest
Teak	Leaves	16.8	0.77	0.51	0.071	Dense Forest
Teak	Twigs	16.8	0.66	0.44	0.061	Dense Forest
Teak	Bark	16.8	0.66	0.44	0.061	Dense Forest
Teak	Branches	16.8	0.66	0.44	0.061	Dense Forest
Others	Leaves	7.7	0.53	0.35	0.049	Scrub
Others	Twigs	7.7	0.46	0.30	0.042	Scrub
Others	Bark	7.7	0.46	0.30	0.042	Scrub
Others	Branches	7.7	0.46	0.30	0.042	Scrub
Teak	Leaves	10.0	0.16	0.11	0.015	Open Forest
Bamboo	Stalk	16.8	0.16	0.10	0.014	Dense Forest
Teak	Twigs	10.0	0.14	0.093	0.013	Open Forest
Teak	Bark	10.0	0.14	0.093	0.013	Open Forest
Teak	Branches	10.0	0.14	0.093	0.013	Open Forest
Eucalyptus	Leaves	16.8	0.082	0.054	0.0076	Dense Forest
Eucalyptus	Twigs	16.8	0.070	0.046	0.0065	Dense Forest
Eucalyptus	Bark	16.8	0.070	0.046	0.0065	Dense Forest
Eucalyptus	Branches	16.8	0.070	0.046	0.0065	Dense Forest
Teak	Leaves	7.7	0.050	0.033	0.0047	Scrub
Catechu	Leaves	16.8	0.045	0.030	0.0042	Dense Forest
Teak	Twigs	7.7	0.043	0.029	0.0040	Scrub
Teak	Bark	7.7	0.043	0.029	0.0040	Scrub
Teak	Branches	7.7	0.043	0.029	0.0040	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Twigs	16.8	0.039	0.026	0.0036	Dense Forest
Catechu	Bark	16.8	0.039	0.026	0.0036	Dense Forest
Catechu	Branches	16.8	0.039	0.026	0.0036	Dense Forest
Bamboo	Stalk	10.0	0.033	0.022	0.0031	Open Forest
Eucalyptus	Leaves	10.0	0.017	0.012	0.0016	Open Forest
Eucalyptus	Twigs	10.0	0.015	0.0099	0.0014	Open Forest
Eucalyptus	Bark	10.0	0.015	0.0099	0.0014	Open Forest
Eucalyptus	Branches	10.0	0.015	0.0099	0.0014	Open Forest
Bamboo	Stalk	7.7	0.010	0.0067	0.00094	Scrub
Catechu	Leaves	10.0	0.0097	0.0064	0.00090	Open Forest
Catechu	Twigs	10.0	0.0083	0.0055	0.00077	Open Forest
Catechu	Bark	10.0	0.0083	0.0055	0.00077	Open Forest
Catechu	Branches	10.0	0.0083	0.0055	0.00077	Open Forest
Bamboo	Leaves	16.8	0.0061	0.0040	0.00056	Dense Forest
Eucalyptus	Leaves	7.7	0.0053	0.0035	0.00049	Scrub
Eucalyptus	Twigs	7.7	0.0046	0.0030	0.00042	Scrub
Eucalyptus	Bark	7.7	0.0046	0.0030	0.00042	Scrub
Eucalyptus	Branches	7.7	0.0046	0.0030	0.00042	Scrub
Catechu	Leaves	7.7	0.0030	0.0020	0.00027	Scrub
Catechu	Twigs	7.7	0.0025	0.0017	0.00024	Scrub
Catechu	Bark	7.7	0.0025	0.0017	0.00024	Scrub
Catechu	Branches	7.7	0.0025	0.0017	0.00024	Scrub
Bamboo	Leaves	10.0	0.0013	0.00086	0.00012	Open Forest
Bamboo	Leaves	7.7	0.00040	0.00026	3.67E-05	Scrub
Total		34.5	41.5	27.4	3.8	

Taluk level Residue-wise Data for Khambha ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	8.2	0.57	0.37	0.052	Scrub
Others	Twigs	8.2	0.49	0.32	0.045	Scrub
Others	Bark	8.2	0.49	0.32	0.045	Scrub
Others	Branches	8.2	0.49	0.32	0.045	Scrub
Teak	Leaves	8.2	0.054	0.036	0.0050	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Twigs	8.2	0.046	0.030	0.0043	Scrub
Teak	Bark	8.2	0.046	0.030	0.0043	Scrub
Teak	Branches	8.2	0.046	0.030	0.0043	Scrub
Bamboo	Stalk	8.2	0.011	0.0072	0.0010	Scrub
Eucalyptus	Leaves	8.2	0.0057	0.0038	0.00053	Scrub
Eucalyptus	Twigs	8.2	0.0049	0.0032	0.00045	Scrub
Eucalyptus	Bark	8.2	0.0049	0.0032	0.00045	Scrub
Eucalyptus	Branches	8.2	0.0049	0.0032	0.00045	Scrub
Catechu	Leaves	8.2	0.0032	0.0021	0.00029	Scrub
Catechu	Twigs	8.2	0.0027	0.0018	0.00025	Scrub
Catechu	Bark	8.2	0.0027	0.0018	0.00025	Scrub
Catechu	Branches	8.2	0.0027	0.0018	0.00025	Scrub
Bamboo	Leaves	8.2	0.00042	0.00028	3.91E-05	Scrub
Total		8.2	2.3	1.5	0.21	

Taluk level Residue-wise Data for Savarkundla ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.37	0.026	0.017	0.0024	Scrub
Others	Twigs	0.37	0.022	0.015	0.0021	Scrub
Others	Bark	0.37	0.022	0.015	0.0021	Scrub
Others	Branches	0.37	0.022	0.015	0.0021	Scrub
Teak	Leaves	0.37	0.0025	0.0016	0.00023	Scrub
Teak	Twigs	0.37	0.0021	0.0014	0.00020	Scrub
Teak	Bark	0.37	0.0021	0.0014	0.00020	Scrub
Teak	Branches	0.37	0.0021	0.0014	0.00020	Scrub
Bamboo	Stalk	0.37	0.00050	0.00033	4.61E-05	Scrub
Eucalyptus	Leaves	0.37	0.00026	0.00017	2.41E-05	Scrub
Eucalyptus	Twigs	0.37	0.00022	0.00015	2.07E-05	Scrub
Eucalyptus	Bark	0.37	0.00022	0.00015	2.07E-05	Scrub
Eucalyptus	Branches	0.37	0.00022	0.00015	2.07E-05	Scrub
Catechu	Leaves	0.37	0.00014	9.58E-05	1.34E-05	Scrub
Catechu	Twigs	0.37	0.00012	8.21E-05	1.15E-05	Scrub
Catechu	Bark	0.37	0.00012	8.21E-05	1.15E-05	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Branches	0.37	0.00012	8.21E-05	1.15E-05	Scrub
Bamboo	Leaves	0.37	1.94E-05	1.28E-05	1.79E-06	Scrub
Total		0.37	0.10	0.068	0.0096	

Taluk level Residue-wise Data for Amirgadh ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	6.4	1.1	0.73	0.10	Open Forest
Others	Twigs	6.4	0.95	0.63	0.088	Open Forest
Others	Bark	6.4	0.95	0.63	0.088	Open Forest
Others	Branches	6.4	0.95	0.63	0.088	Open Forest
Others	Leaves	0.70	0.34	0.23	0.032	Dense Forest
Others	Twigs	0.70	0.29	0.19	0.027	Dense Forest
Others	Bark	0.70	0.29	0.19	0.027	Dense Forest
Others	Branches	0.70	0.29	0.19	0.027	Dense Forest
Teak	Leaves	6.4	0.10	0.069	0.0097	Open Forest
Teak	Twigs	6.4	0.090	0.059	0.0083	Open Forest
Teak	Bark	6.4	0.090	0.059	0.0083	Open Forest
Teak	Branches	6.4	0.090	0.059	0.0083	Open Forest
Others	Leaves	1.3	0.089	0.059	0.0083	Scrub
Others	Twigs	1.3	0.077	0.051	0.0071	Scrub
Others	Bark	1.3	0.077	0.051	0.0071	Scrub
Others	Branches	1.3	0.077	0.051	0.0071	Scrub
Teak	Leaves	0.70	0.032	0.021	0.0030	Dense Forest
Teak	Twigs	0.70	0.028	0.018	0.0026	Dense Forest
Teak	Bark	0.70	0.028	0.018	0.0026	Dense Forest
Teak	Branches	0.70	0.028	0.018	0.0026	Dense Forest
Bamboo	Stalk	6.4	0.021	0.014	0.0020	Open Forest
Eucalyptus	Leaves	6.4	0.011	0.0073	0.0010	Open Forest
Eucalyptus	Twigs	6.4	0.0095	0.0063	0.00088	Open Forest
Eucalyptus	Bark	6.4	0.0095	0.0063	0.00088	Open Forest
Eucalyptus	Branches	6.4	0.0095	0.0063	0.00088	Open Forest
Teak	Leaves	1.3	0.0085	0.0056	0.00079	Scrub
Teak	Twigs	1.3	0.0073	0.0048	0.00067	Scrub
Teak	Bark	1.3	0.0073	0.0048	0.00067	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Branches	1.3	0.0073	0.0048	0.00067	Scrub
Bamboo	Stalk	0.70	0.0066	0.0043	0.00061	Dense Forest
Catechu	Leaves	6.4	0.0062	0.0041	0.00057	Open Forest
Catechu	Twigs	6.4	0.0053	0.0035	0.00049	Open Forest
Catechu	Bark	6.4	0.0053	0.0035	0.00049	Open Forest
Catechu	Branches	6.4	0.0053	0.0035	0.00049	Open Forest
Eucalyptus	Leaves	0.70	0.0034	0.0023	0.00032	Dense Forest
Eucalyptus	Twigs	0.70	0.0029	0.0019	0.00027	Dense Forest
Eucalyptus	Bark	0.70	0.0029	0.0019	0.00027	Dense Forest
Eucalyptus	Branches	0.70	0.0029	0.0019	0.00027	Dense Forest
Catechu	Leaves	0.70	0.0019	0.0013	0.00018	Dense Forest
Bamboo	Stalk	1.3	0.0017	0.0011	0.00016	Scrub
Catechu	Bark	0.70	0.0016	0.0011	0.00015	Dense Forest
Catechu	Branches	0.70	0.0016	0.0011	0.00015	Dense Forest
Catechu	Twigs	0.70	0.0016	0.0011	0.00015	Dense Forest
Eucalyptus	Leaves	1.3	0.00090	0.00059	8.32E-05	Scrub
Bamboo	Leaves	6.4	0.00083	0.00055	7.64E-05	Open Forest
Eucalyptus	Twigs	1.3	0.00077	0.00051	7.13E-05	Scrub
Eucalyptus	Bark	1.3	0.00077	0.00051	7.13E-05	Scrub
Eucalyptus	Branches	1.3	0.00077	0.00051	7.13E-05	Scrub
Catechu	Leaves	1.3	0.00050	0.00033	4.62E-05	Scrub
Catechu	Twigs	1.3	0.00043	0.00028	3.96E-05	Scrub
Catechu	Bark	1.3	0.00043	0.00028	3.96E-05	Scrub
Catechu	Branches	1.3	0.00043	0.00028	3.96E-05	Scrub
Bamboo	Leaves	0.70	0.00026	0.00017	2.36E-05	Dense Forest
Bamboo	Leaves	1.3	6.67E-05	4.41E-05	6.18E-06	Scrub
Total		8.4	6.1	4.1	0.57	

Taluk level Residue-wise Data for Danta ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	9.7	1.7	1.1	0.16	Open Forest
Others	Twigs	9.7	1.4	0.95	0.13	Open Forest
Others	Bark	9.7	1.4	0.95	0.13	Open Forest
Others	Branches	9.7	1.4	0.95	0.13	Open Forest
Others	Leaves	2.3	1.1	0.72	0.10	Dense Forest
Others	Twigs	2.3	0.94	0.62	0.087	Dense Forest
Others	Bark	2.3	0.94	0.62	0.087	Dense Forest
Others	Branches	2.3	0.94	0.62	0.087	Dense Forest
Teak	Leaves	9.7	0.16	0.11	0.015	Open Forest
Teak	Twigs	9.7	0.14	0.090	0.013	Open Forest
Teak	Bark	9.7	0.14	0.090	0.013	Open Forest
Teak	Branches	9.7	0.14	0.090	0.013	Open Forest
Teak	Leaves	2.3	0.10	0.069	0.0096	Dense Forest
Teak	Twigs	2.3	0.089	0.059	0.0083	Dense Forest
Teak	Bark	2.3	0.089	0.059	0.0083	Dense Forest
Teak	Branches	2.3	0.089	0.059	0.0083	Dense Forest
Others	Leaves	0.56	0.039	0.026	0.0036	Scrub
Others	Twigs	0.56	0.033	0.022	0.0031	Scrub
Others	Bark	0.56	0.033	0.022	0.0031	Scrub
Others	Branches	0.56	0.033	0.022	0.0031	Scrub
Bamboo	Stalk	9.7	0.032	0.021	0.0030	Open Forest
Bamboo	Stalk	2.3	0.021	0.014	0.0019	Dense Forest
Eucalyptus	Leaves	9.7	0.017	0.011	0.0016	Open Forest
Eucalyptus	Twigs	9.7	0.014	0.0095	0.0013	Open Forest
Eucalyptus	Bark	9.7	0.014	0.0095	0.0013	Open Forest
Eucalyptus	Branches	9.7	0.014	0.0095	0.0013	Open Forest
Eucalyptus	Leaves	2.3	0.011	0.0073	0.0010	Dense Forest
Eucalyptus	Twigs	2.3	0.0094	0.0062	0.00087	Dense Forest
Eucalyptus	Bark	2.3	0.0094	0.0062	0.00087	Dense Forest
Eucalyptus	Branches	2.3	0.0094	0.0062	0.00087	Dense Forest
Catechu	Leaves	9.7	0.0094	0.0062	0.00087	Open Forest
Catechu	Twigs	9.7	0.0080	0.0053	0.00074	Open Forest
Catechu	Bark	9.7	0.0080	0.0053	0.00074	Open Forest
Catechu	Branches	9.7	0.0080	0.0053	0.00074	Open Forest
Catechu	Leaves	2.3	0.0061	0.0040	0.00057	Dense Forest
Catechu	Twigs	2.3	0.0052	0.0035	0.00049	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Bark	2.3	0.0052	0.0035	0.00049	Dense Forest
Catechu	Branches	2.3	0.0052	0.0035	0.00049	Dense Forest
Teak	Leaves	0.56	0.0037	0.0024	0.00034	Scrub
Teak	Twigs	0.56	0.0032	0.0021	0.00029	Scrub
Teak	Bark	0.56	0.0032	0.0021	0.00029	Scrub
Teak	Branches	0.56	0.0032	0.0021	0.00029	Scrub
Bamboo	Leaves	9.7	0.0013	0.00083	0.00012	Open Forest
Bamboo	Leaves	2.3	0.00082	0.00054	7.57E-05	Dense Forest
Bamboo	Stalk	0.56	0.00074	0.00049	6.89E-05	Scrub
Eucalyptus	Leaves	0.56	0.00039	0.00026	3.61E-05	Scrub
Eucalyptus	Twigs	0.56	0.00033	0.00022	3.09E-05	Scrub
Eucalyptus	Bark	0.56	0.00033	0.00022	3.09E-05	Scrub
Eucalyptus	Branches	0.56	0.00033	0.00022	3.09E-05	Scrub
Catechu	Leaves	0.56	0.00022	0.00014	2.00E-05	Scrub
Catechu	Twigs	0.56	0.00019	0.00012	1.72E-05	Scrub
Catechu	Bark	0.56	0.00019	0.00012	1.72E-05	Scrub
Catechu	Branches	0.56	0.00019	0.00012	1.72E-05	Scrub
Bamboo	Leaves	0.56	2.90E-05	1.91E-05	2.68E-06	Scrub
Total		12.5	11.2	7.4	1.0	

Taluk level Residue-wise Data for Dantiwada ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.15	0.073	0.048	0.0067	Dense Forest
Others	Twigs	0.15	0.062	0.041	0.0058	Dense Forest
Others	Bark	0.15	0.062	0.041	0.0058	Dense Forest
Others	Branches	0.15	0.062	0.041	0.0058	Dense Forest
Others	Leaves	0.19	0.034	0.022	0.0031	Open Forest
Others	Twigs	0.19	0.029	0.019	0.0027	Open Forest
Others	Bark	0.19	0.029	0.019	0.0027	Open Forest
Others	Branches	0.19	0.029	0.019	0.0027	Open Forest
Teak	Leaves	0.15	0.0069	0.0046	0.00064	Dense Forest
Teak	Twigs	0.15	0.0059	0.0039	0.00055	Dense Forest
Teak	Bark	0.15	0.0059	0.0039	0.00055	Dense Forest
Teak	Branches	0.15	0.0059	0.0039	0.00055	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Leaves	0.19	0.0032	0.0021	0.00030	Open Forest
Teak	Twigs	0.19	0.0027	0.0018	0.00025	Open Forest
Teak	Bark	0.19	0.0027	0.0018	0.00025	Open Forest
Teak	Branches	0.19	0.0027	0.0018	0.00025	Open Forest
Bamboo	Stalk	0.15	0.0014	0.00092	0.00013	Dense Forest
Eucalyptus	Leaves	0.15	0.00073	0.00048	6.77E-05	Dense Forest
Bamboo	Stalk	0.19	0.00065	0.00043	5.98E-05	Open Forest
Eucalyptus	Twigs	0.15	0.00063	0.00041	5.81E-05	Dense Forest
Eucalyptus	Bark	0.15	0.00063	0.00041	5.81E-05	Dense Forest
Eucalyptus	Branches	0.15	0.00063	0.00041	5.81E-05	Dense Forest
Catechu	Leaves	0.15	0.00041	0.00027	3.76E-05	Dense Forest
Catechu	Twigs	0.15	0.00035	0.00023	3.23E-05	Dense Forest
Catechu	Bark	0.15	0.00035	0.00023	3.23E-05	Dense Forest
Catechu	Branches	0.15	0.00035	0.00023	3.23E-05	Dense Forest
Eucalyptus	Leaves	0.19	0.00034	0.00022	3.13E-05	Open Forest
Eucalyptus	Twigs	0.19	0.00029	0.00019	2.68E-05	Open Forest
Eucalyptus	Bark	0.19	0.00029	0.00019	2.68E-05	Open Forest
Eucalyptus	Branches	0.19	0.00029	0.00019	2.68E-05	Open Forest
Catechu	Leaves	0.19	0.00019	0.00012	1.74E-05	Open Forest
Catechu	Twigs	0.19	0.00016	0.00011	1.49E-05	Open Forest
Catechu	Bark	0.19	0.00016	0.00011	1.49E-05	Open Forest
Catechu	Branches	0.19	0.00016	0.00011	1.49E-05	Open Forest
Bamboo	Leaves	0.15	5.44E-05	3.59E-05	5.03E-06	Dense Forest
Bamboo	Leaves	0.19	2.51E-05	1.66E-05	2.32E-06	Open Forest
Total		0.34	0.42	0.28	0.039	

Taluk level Residue-wise Data for Palanpur ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.52	0.25	0.17	0.023	Dense Forest
Others	Twigs	0.52	0.22	0.14	0.020	Dense Forest
Others	Bark	0.52	0.22	0.14	0.020	Dense Forest
Others	Branches	0.52	0.22	0.14	0.020	Dense Forest
Others	Leaves	0.25	0.044	0.029	0.0041	Open Forest
Others	Twigs	0.25	0.038	0.025	0.0035	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Bark	0.25	0.038	0.025	0.0035	Open Forest
Others	Branches	0.25	0.038	0.025	0.0035	Open Forest
Others	Leaves	0.37	0.026	0.017	0.0024	Scrub
Teak	Leaves	0.52	0.024	0.016	0.0022	Dense Forest
Others	Twigs	0.37	0.022	0.015	0.0020	Scrub
Others	Bark	0.37	0.022	0.015	0.0020	Scrub
Others	Branches	0.37	0.022	0.015	0.0020	Scrub
Teak	Bark	0.52	0.021	0.014	0.0019	Dense Forest
Teak	Branches	0.52	0.021	0.014	0.0019	Dense Forest
Teak	Twigs	0.52	0.021	0.014	0.0019	Dense Forest
Bamboo	Stalk	0.52	0.0048	0.0032	0.00045	Dense Forest
Teak	Leaves	0.25	0.0042	0.0028	0.00039	Open Forest
Teak	Twigs	0.25	0.0036	0.0024	0.00033	Open Forest
Teak	Bark	0.25	0.0036	0.0024	0.00033	Open Forest
Teak	Branches	0.25	0.0036	0.0024	0.00033	Open Forest
Eucalyptus	Leaves	0.52	0.0025	0.0017	0.00023	Dense Forest
Teak	Leaves	0.37	0.0024	0.0016	0.00022	Scrub
Eucalyptus	Twigs	0.52	0.0022	0.0014	0.00020	Dense Forest
Eucalyptus	Bark	0.52	0.0022	0.0014	0.00020	Dense Forest
Eucalyptus	Branches	0.52	0.0022	0.0014	0.00020	Dense Forest
Teak	Twigs	0.37	0.0021	0.0014	0.00019	Scrub
Teak	Bark	0.37	0.0021	0.0014	0.00019	Scrub
Teak	Branches	0.37	0.0021	0.0014	0.00019	Scrub
Catechu	Leaves	0.52	0.0014	0.00093	0.00013	Dense Forest
Catechu	Twigs	0.52	0.0012	0.00080	0.00011	Dense Forest
Catechu	Bark	0.52	0.0012	0.00080	0.00011	Dense Forest
Catechu	Branches	0.52	0.0012	0.00080	0.00011	Dense Forest
Bamboo	Stalk	0.25	0.00085	0.00056	7.84E-05	Open Forest
Bamboo	Stalk	0.37	0.00049	0.00032	4.54E-05	Scrub
Eucalyptus	Leaves	0.25	0.00044	0.00029	4.11E-05	Open Forest
Eucalyptus	Twigs	0.25	0.00038	0.00025	3.52E-05	Open Forest
Eucalyptus	Bark	0.25	0.00038	0.00025	3.52E-05	Open Forest
Eucalyptus	Branches	0.25	0.00038	0.00025	3.52E-05	Open Forest
Eucalyptus	Leaves	0.37	0.00026	0.00017	2.38E-05	Scrub
Catechu	Leaves	0.25	0.00025	0.00016	2.28E-05	Open Forest
Eucalyptus	Twigs	0.37	0.00022	0.00015	2.04E-05	Scrub
Eucalyptus	Bark	0.37	0.00022	0.00015	2.04E-05	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Branches	0.37	0.00022	0.00015	2.04E-05	Scrub
Catechu	Twigs	0.25	0.00021	0.00014	1.96E-05	Open Forest
Catechu	Bark	0.25	0.00021	0.00014	1.96E-05	Open Forest
Catechu	Branches	0.25	0.00021	0.00014	1.96E-05	Open Forest
Bamboo	Leaves	0.52	0.00019	0.00012	1.74E-05	Dense Forest
Catechu	Leaves	0.37	0.00014	9.44E-05	1.32E-05	Scrub
Catechu	Twigs	0.37	0.00012	8.09E-05	1.13E-05	Scrub
Catechu	Bark	0.37	0.00012	8.09E-05	1.13E-05	Scrub
Catechu	Branches	0.37	0.00012	8.09E-05	1.13E-05	Scrub
Bamboo	Leaves	0.25	3.30E-05	2.18E-05	3.05E-06	Open Forest
Bamboo	Leaves	0.37	1.91E-05	1.26E-05	1.77E-06	Scrub
Total		1.1	1.3	0.85	0.12	

Taluk level Residue-wise Data for Vadgam ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.070	0.034	0.022	0.0031	Dense Forest
Others	Twigs	0.070	0.029	0.019	0.0027	Dense Forest
Others	Bark	0.070	0.029	0.019	0.0027	Dense Forest
Others	Branches	0.070	0.029	0.019	0.0027	Dense Forest
Teak	Leaves	0.070	0.0032	0.0021	0.00030	Dense Forest
Teak	Twigs	0.070	0.0028	0.0018	0.00026	Dense Forest
Teak	Bark	0.070	0.0028	0.0018	0.00026	Dense Forest
Teak	Branches	0.070	0.0028	0.0018	0.00026	Dense Forest
Bamboo	Stalk	0.070	0.00065	0.00043	6.04E-05	Dense Forest
Eucalyptus	Leaves	0.070	0.00034	0.00023	3.16E-05	Dense Forest
Eucalyptus	Twigs	0.070	0.00029	0.00019	2.71E-05	Dense Forest
Eucalyptus	Bark	0.070	0.00029	0.00019	2.71E-05	Dense Forest
Eucalyptus	Branches	0.070	0.00029	0.00019	2.71E-05	Dense Forest
Catechu	Leaves	0.070	0.00019	0.00013	1.76E-05	Dense Forest
Catechu	Twigs	0.070	0.00016	0.00011	1.51E-05	Dense Forest
Catechu	Bark	0.070	0.00016	0.00011	1.51E-05	Dense Forest
Catechu	Branches	0.070	0.00016	0.00011	1.51E-05	Dense Forest
Bamboo	Leaves	0.070	2.54E-05	1.68E-05	2.35E-06	Dense Forest
Total		0.070	0.14	0.090	0.013	

Taluk level Residue-wise Data for Jhaghadia ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	9.5	1.6	1.1	0.15	Open Forest
Others	Twigs	9.5	1.4	0.93	0.13	Open Forest
Others	Bark	9.5	1.4	0.93	0.13	Open Forest
Others	Branches	9.5	1.4	0.93	0.13	Open Forest
Others	Leaves	1.5	0.72	0.47	0.066	Dense Forest
Others	Twigs	1.5	0.61	0.41	0.057	Dense Forest
Others	Bark	1.5	0.61	0.41	0.057	Dense Forest
Others	Branches	1.5	0.61	0.41	0.057	Dense Forest
Teak	Leaves	9.5	0.16	0.10	0.014	Open Forest
Teak	Twigs	9.5	0.13	0.088	0.012	Open Forest
Teak	Bark	9.5	0.13	0.088	0.012	Open Forest
Teak	Branches	9.5	0.13	0.088	0.012	Open Forest
Teak	Leaves	1.5	0.068	0.045	0.0063	Dense Forest
Teak	Twigs	1.5	0.058	0.038	0.0054	Dense Forest
Teak	Bark	1.5	0.058	0.038	0.0054	Dense Forest
Teak	Branches	1.5	0.058	0.038	0.0054	Dense Forest
Bamboo	Stalk	9.5	0.032	0.021	0.0029	Open Forest
Others	Leaves	0.40	0.028	0.018	0.0026	Scrub
Others	Twigs	0.40	0.024	0.016	0.0022	Scrub
Others	Bark	0.40	0.024	0.016	0.0022	Scrub
Others	Branches	0.40	0.024	0.016	0.0022	Scrub
Eucalyptus	Leaves	9.5	0.017	0.011	0.0015	Open Forest
Eucalyptus	Twigs	9.5	0.014	0.0094	0.0013	Open Forest
Eucalyptus	Bark	9.5	0.014	0.0094	0.0013	Open Forest
Eucalyptus	Branches	9.5	0.014	0.0094	0.0013	Open Forest
Bamboo	Stalk	1.5	0.014	0.0091	0.0013	Dense Forest
Catechu	Leaves	9.5	0.0092	0.0061	0.00085	Open Forest
Catechu	Twigs	9.5	0.0079	0.0052	0.00073	Open Forest
Catechu	Bark	9.5	0.0079	0.0052	0.00073	Open Forest
Catechu	Branches	9.5	0.0079	0.0052	0.00073	Open Forest
Eucalyptus	Leaves	1.5	0.0072	0.0047	0.00066	Dense Forest
Eucalyptus	Twigs	1.5	0.0062	0.0041	0.00057	Dense Forest
Eucalyptus	Bark	1.5	0.0062	0.0041	0.00057	Dense Forest
Eucalyptus	Branches	1.5	0.0062	0.0041	0.00057	Dense Forest
Catechu	Leaves	1.5	0.0040	0.0026	0.00037	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Twigs	1.5	0.0034	0.0023	0.00032	Dense Forest
Catechu	Bark	1.5	0.0034	0.0023	0.00032	Dense Forest
Catechu	Branches	1.5	0.0034	0.0023	0.00032	Dense Forest
Teak	Leaves	0.40	0.0026	0.0017	0.00024	Scrub
Teak	Twigs	0.40	0.0022	0.0015	0.00021	Scrub
Teak	Bark	0.40	0.0022	0.0015	0.00021	Scrub
Teak	Branches	0.40	0.0022	0.0015	0.00021	Scrub
Bamboo	Leaves	9.5	0.0012	0.00081	0.00011	Open Forest
Bamboo	Leaves	1.5	0.00053	0.00035	4.94E-05	Dense Forest
Bamboo	Stalk	0.40	0.00053	0.00035	4.90E-05	Scrub
Eucalyptus	Leaves	0.40	0.00028	0.00018	2.56E-05	Scrub
Eucalyptus	Twigs	0.40	0.00024	0.00016	2.20E-05	Scrub
Eucalyptus	Bark	0.40	0.00024	0.00016	2.20E-05	Scrub
Eucalyptus	Branches	0.40	0.00024	0.00016	2.20E-05	Scrub
Catechu	Leaves	0.40	0.00015	0.00010	1.42E-05	Scrub
Catechu	Twigs	0.40	0.00013	8.72E-05	1.22E-05	Scrub
Catechu	Bark	0.40	0.00013	8.72E-05	1.22E-05	Scrub
Catechu	Branches	0.40	0.00013	8.72E-05	1.22E-05	Scrub
Bamboo	Leaves	0.40	2.06E-05	1.36E-05	1.91E-06	Scrub
Total		11.4	9.5	6.3	0.88	

Taluk level Residue-wise Data for Vagara ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.13	0.063	0.042	0.0059	Dense Forest
Others	Twigs	0.13	0.054	0.036	0.0050	Dense Forest
Others	Bark	0.13	0.054	0.036	0.0050	Dense Forest
Others	Branches	0.13	0.054	0.036	0.0050	Dense Forest
Others	Leaves	0.085	0.015	0.0097	0.0014	Open Forest
Others	Twigs	0.085	0.013	0.0083	0.0012	Open Forest
Others	Bark	0.085	0.013	0.0083	0.0012	Open Forest
Others	Branches	0.085	0.013	0.0083	0.0012	Open Forest
Teak	Leaves	0.13	0.0060	0.0040	0.00056	Dense Forest
Teak	Twigs	0.13	0.0052	0.0034	0.00048	Dense Forest
Teak	Bark	0.13	0.0052	0.0034	0.00048	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Branches	0.13	0.0052	0.0034	0.00048	Dense Forest
Teak	Leaves	0.085	0.0014	0.00092	0.00013	Open Forest
Bamboo	Stalk	0.13	0.0012	0.00080	0.00011	Dense Forest
Teak	Bark	0.085	0.0012	0.00079	0.00011	Open Forest
Teak	Branches	0.085	0.0012	0.00079	0.00011	Open Forest
Teak	Twigs	0.085	0.0012	0.00079	0.00011	Open Forest
Eucalyptus	Leaves	0.13	0.00064	0.00042	5.90E-05	Dense Forest
Eucalyptus	Twigs	0.13	0.00055	0.00036	5.06E-05	Dense Forest
Eucalyptus	Bark	0.13	0.00055	0.00036	5.06E-05	Dense Forest
Eucalyptus	Branches	0.13	0.00055	0.00036	5.06E-05	Dense Forest
Catechu	Leaves	0.13	0.00035	0.00023	3.28E-05	Dense Forest
Catechu	Twigs	0.13	0.00030	0.00020	2.81E-05	Dense Forest
Catechu	Bark	0.13	0.00030	0.00020	2.81E-05	Dense Forest
Catechu	Branches	0.13	0.00030	0.00020	2.81E-05	Dense Forest
Bamboo	Stalk	0.085	0.00028	0.00019	2.61E-05	Open Forest
Eucalyptus	Leaves	0.085	0.00015	9.76E-05	1.37E-05	Open Forest
Eucalyptus	Twigs	0.085	0.00013	8.37E-05	1.17E-05	Open Forest
Eucalyptus	Bark	0.085	0.00013	8.37E-05	1.17E-05	Open Forest
Eucalyptus	Branches	0.085	0.00013	8.37E-05	1.17E-05	Open Forest
Catechu	Leaves	0.085	8.20E-05	5.42E-05	7.59E-06	Open Forest
Catechu	Twigs	0.085	7.03E-05	4.65E-05	6.51E-06	Open Forest
Catechu	Bark	0.085	7.03E-05	4.65E-05	6.51E-06	Open Forest
Catechu	Branches	0.085	7.03E-05	4.65E-05	6.51E-06	Open Forest
Bamboo	Leaves	0.13	4.73E-05	3.13E-05	4.38E-06	Dense Forest
Bamboo	Leaves	0.085	1.10E-05	7.25E-06	1.01E-06	Open Forest
Total		0.22	0.31	0.21	0.029	

Taluk level Residue-wise Data for Valiya ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.5	0.10	0.067	0.0093	Scrub
Others	Twigs	1.5	0.087	0.057	0.0080	Scrub
Others	Bark	1.5	0.087	0.057	0.0080	Scrub
Others	Branches	1.5	0.087	0.057	0.0080	Scrub
Teak	Leaves	1.5	0.0096	0.0063	0.00089	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.017	0.0084	0.0056	0.00078	Dense Forest
Teak	Bark	1.5	0.0082	0.0054	0.00076	Scrub
Teak	Branches	1.5	0.0082	0.0054	0.00076	Scrub
Teak	Twigs	1.5	0.0082	0.0054	0.00076	Scrub
Others	Twigs	0.017	0.0072	0.0048	0.00067	Dense Forest
Others	Bark	0.017	0.0072	0.0048	0.00067	Dense Forest
Others	Branches	0.017	0.0072	0.0048	0.00067	Dense Forest
Bamboo	Stalk	1.5	0.0019	0.0013	0.00018	Scrub
Eucalyptus	Leaves	1.5	0.0010	0.00067	9.38E-05	Scrub
Eucalyptus	Twigs	1.5	0.00087	0.00057	8.04E-05	Scrub
Eucalyptus	Bark	1.5	0.00087	0.00057	8.04E-05	Scrub
Eucalyptus	Branches	1.5	0.00087	0.00057	8.04E-05	Scrub
Teak	Leaves	0.017	0.00080	0.00053	7.39E-05	Dense Forest
Teak	Twigs	0.017	0.00068	0.00045	6.34E-05	Dense Forest
Teak	Bark	0.017	0.00068	0.00045	6.34E-05	Dense Forest
Teak	Branches	0.017	0.00068	0.00045	6.34E-05	Dense Forest
Catechu	Leaves	1.5	0.00056	0.00037	5.21E-05	Scrub
Catechu	Twigs	1.5	0.00048	0.00032	4.47E-05	Scrub
Catechu	Bark	1.5	0.00048	0.00032	4.47E-05	Scrub
Catechu	Branches	1.5	0.00048	0.00032	4.47E-05	Scrub
Bamboo	Stalk	0.017	0.00016	0.00011	1.50E-05	Dense Forest
Eucalyptus	Leaves	0.017	8.46E-05	5.59E-05	7.83E-06	Dense Forest
Bamboo	Leaves	1.5	7.53E-05	4.98E-05	6.97E-06	Scrub
Eucalyptus	Twigs	0.017	7.25E-05	4.79E-05	6.71E-06	Dense Forest
Eucalyptus	Bark	0.017	7.25E-05	4.79E-05	6.71E-06	Dense Forest
Eucalyptus	Branches	0.017	7.25E-05	4.79E-05	6.71E-06	Dense Forest
Catechu	Leaves	0.017	4.70E-05	3.11E-05	4.35E-06	Dense Forest
Catechu	Twigs	0.017	4.03E-05	2.66E-05	3.73E-06	Dense Forest
Catechu	Bark	0.017	4.03E-05	2.66E-05	3.73E-06	Dense Forest
Catechu	Branches	0.017	4.03E-05	2.66E-05	3.73E-06	Dense Forest
Bamboo	Leaves	0.017	6.28E-06	4.15E-06	5.82E-07	Dense Forest
Total		1.5	0.44	0.29	0.040	

Taluk level Residue-wise Data for Bhavnagar ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.17	0.080	0.053	0.0074	Dense Forest
Others	Twigs	0.17	0.069	0.045	0.0064	Dense Forest
Others	Bark	0.17	0.069	0.045	0.0064	Dense Forest
Others	Branches	0.17	0.069	0.045	0.0064	Dense Forest
Teak	Leaves	0.17	0.0076	0.0050	0.00070	Dense Forest
Teak	Twigs	0.17	0.0065	0.0043	0.00060	Dense Forest
Teak	Bark	0.17	0.0065	0.0043	0.00060	Dense Forest
Teak	Branches	0.17	0.0065	0.0043	0.00060	Dense Forest
Bamboo	Stalk	0.17	0.0015	0.0010	0.00014	Dense Forest
Eucalyptus	Leaves	0.17	0.00081	0.00053	7.45E-05	Dense Forest
Eucalyptus	Twigs	0.17	0.00069	0.00046	6.39E-05	Dense Forest
Eucalyptus	Bark	0.17	0.00069	0.00046	6.39E-05	Dense Forest
Eucalyptus	Branches	0.17	0.00069	0.00046	6.39E-05	Dense Forest
Catechu	Leaves	0.17	0.00045	0.00030	4.14E-05	Dense Forest
Catechu	Twigs	0.17	0.00038	0.00025	3.55E-05	Dense Forest
Catechu	Bark	0.17	0.00038	0.00025	3.55E-05	Dense Forest
Catechu	Branches	0.17	0.00038	0.00025	3.55E-05	Dense Forest
Bamboo	Leaves	0.17	5.98E-05	3.95E-05	5.53E-06	Dense Forest
Total		0.17	0.32	0.21	0.030	

Taluk level Residue-wise Data for Botad ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.35	0.061	0.040	0.0057	Open Forest
Others	Twigs	0.35	0.053	0.035	0.0049	Open Forest
Others	Bark	0.35	0.053	0.035	0.0049	Open Forest
Others	Branches	0.35	0.053	0.035	0.0049	Open Forest
Others	Leaves	0.069	0.033	0.022	0.0031	Dense Forest
Others	Twigs	0.069	0.029	0.019	0.0026	Dense Forest
Others	Bark	0.069	0.029	0.019	0.0026	Dense Forest
Others	Branches	0.069	0.029	0.019	0.0026	Dense Forest
Teak	Leaves	0.35	0.0058	0.0038	0.00054	Open Forest
Teak	Twigs	0.35	0.0050	0.0033	0.00046	Open Forest
Teak	Bark	0.35	0.0050	0.0033	0.00046	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Branches	0.35	0.0050	0.0033	0.00046	Open Forest
Teak	Leaves	0.069	0.0032	0.0021	0.00029	Dense Forest
Teak	Twigs	0.069	0.0027	0.0018	0.00025	Dense Forest
Teak	Bark	0.069	0.0027	0.0018	0.00025	Dense Forest
Teak	Branches	0.069	0.0027	0.0018	0.00025	Dense Forest
Bamboo	Stalk	0.35	0.0012	0.00078	0.00011	Open Forest
Bamboo	Stalk	0.069	0.00064	0.00042	5.91E-05	Dense Forest
Eucalyptus	Leaves	0.35	0.00062	0.00041	5.69E-05	Open Forest
Eucalyptus	Twigs	0.35	0.00053	0.00035	4.88E-05	Open Forest
Eucalyptus	Bark	0.35	0.00053	0.00035	4.88E-05	Open Forest
Eucalyptus	Branches	0.35	0.00053	0.00035	4.88E-05	Open Forest
Catechu	Leaves	0.35	0.00034	0.00023	3.16E-05	Open Forest
Eucalyptus	Leaves	0.069	0.00033	0.00022	3.09E-05	Dense Forest
Catechu	Twigs	0.35	0.00029	0.00019	2.71E-05	Open Forest
Catechu	Bark	0.35	0.00029	0.00019	2.71E-05	Open Forest
Catechu	Branches	0.35	0.00029	0.00019	2.71E-05	Open Forest
Eucalyptus	Bark	0.069	0.00029	0.00019	2.65E-05	Dense Forest
Eucalyptus	Branches	0.069	0.00029	0.00019	2.65E-05	Dense Forest
Eucalyptus	Twigs	0.069	0.00029	0.00019	2.65E-05	Dense Forest
Catechu	Leaves	0.069	0.00019	0.00012	1.72E-05	Dense Forest
Catechu	Twigs	0.069	0.00016	0.00011	1.47E-05	Dense Forest
Catechu	Bark	0.069	0.00016	0.00011	1.47E-05	Dense Forest
Catechu	Branches	0.069	0.00016	0.00011	1.47E-05	Dense Forest
Bamboo	Leaves	0.35	4.57E-05	3.02E-05	4.23E-06	Open Forest
Bamboo	Leaves	0.069	2.48E-05	1.64E-05	2.30E-06	Dense Forest
Total		0.42	0.38	0.25	0.035	

Taluk level Residue-wise Data for Mahuva ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.66	0.12	0.076	0.011	Open Forest
Others	Leaves	0.24	0.11	0.076	0.011	Dense Forest
Others	Bark	0.66	0.099	0.065	0.0091	Open Forest
Others	Branches	0.66	0.099	0.065	0.0091	Open Forest
Others	Twigs	0.66	0.099	0.065	0.0091	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Twigs	0.24	0.098	0.065	0.0091	Dense Forest
Others	Bark	0.24	0.098	0.065	0.0091	Dense Forest
Others	Branches	0.24	0.098	0.065	0.0091	Dense Forest
Teak	Leaves	0.66	0.011	0.0072	0.0010	Open Forest
Teak	Leaves	0.24	0.011	0.0072	0.0010	Dense Forest
Teak	Bark	0.66	0.0094	0.0062	0.00087	Open Forest
Teak	Branches	0.66	0.0094	0.0062	0.00087	Open Forest
Teak	Twigs	0.66	0.0094	0.0062	0.00087	Open Forest
Teak	Twigs	0.24	0.0093	0.0062	0.00086	Dense Forest
Teak	Bark	0.24	0.0093	0.0062	0.00086	Dense Forest
Teak	Branches	0.24	0.0093	0.0062	0.00086	Dense Forest
Bamboo	Stalk	0.66	0.0022	0.0015	0.00020	Open Forest
Bamboo	Stalk	0.24	0.0022	0.0015	0.00020	Dense Forest
Eucalyptus	Leaves	0.66	0.0012	0.00076	0.00011	Open Forest
Eucalyptus	Leaves	0.24	0.0012	0.00076	0.00011	Dense Forest
Eucalyptus	Bark	0.66	0.00099	0.00066	9.17E-05	Open Forest
Eucalyptus	Branches	0.66	0.00099	0.00066	9.17E-05	Open Forest
Eucalyptus	Twigs	0.66	0.00099	0.00066	9.17E-05	Open Forest
Eucalyptus	Twigs	0.24	0.00099	0.00065	9.15E-05	Dense Forest
Eucalyptus	Bark	0.24	0.00099	0.00065	9.15E-05	Dense Forest
Eucalyptus	Branches	0.24	0.00099	0.00065	9.15E-05	Dense Forest
Catechu	Leaves	0.66	0.00064	0.00042	5.95E-05	Open Forest
Catechu	Leaves	0.24	0.00064	0.00042	5.93E-05	Dense Forest
Catechu	Bark	0.66	0.00055	0.00036	5.10E-05	Open Forest
Catechu	Branches	0.66	0.00055	0.00036	5.10E-05	Open Forest
Catechu	Twigs	0.66	0.00055	0.00036	5.10E-05	Open Forest
Catechu	Twigs	0.24	0.00055	0.00036	5.09E-05	Dense Forest
Catechu	Bark	0.24	0.00055	0.00036	5.09E-05	Dense Forest
Catechu	Branches	0.24	0.00055	0.00036	5.09E-05	Dense Forest
Bamboo	Leaves	0.66	8.59E-05	5.68E-05	7.95E-06	Open Forest
Bamboo	Leaves	0.24	8.57E-05	5.67E-05	7.93E-06	Dense Forest
Total		0.90	0.92	0.61	0.085	

Taluk level Residue-wise Data for Shihor ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.89	0.43	0.29	0.040	Dense Forest
Others	Twigs	0.89	0.37	0.25	0.034	Dense Forest
Others	Bark	0.89	0.37	0.25	0.034	Dense Forest
Others	Branches	0.89	0.37	0.25	0.034	Dense Forest
Others	Leaves	1.6	0.27	0.18	0.025	Open Forest
Others	Twigs	1.6	0.23	0.15	0.022	Open Forest
Others	Bark	1.6	0.23	0.15	0.022	Open Forest
Others	Branches	1.6	0.23	0.15	0.022	Open Forest
Teak	Leaves	0.89	0.041	0.027	0.0038	Dense Forest
Teak	Twigs	0.89	0.035	0.023	0.0033	Dense Forest
Teak	Bark	0.89	0.035	0.023	0.0033	Dense Forest
Teak	Branches	0.89	0.035	0.023	0.0033	Dense Forest
Teak	Leaves	1.6	0.026	0.017	0.0024	Open Forest
Teak	Twigs	1.6	0.022	0.015	0.0020	Open Forest
Teak	Bark	1.6	0.022	0.015	0.0020	Open Forest
Teak	Branches	1.6	0.022	0.015	0.0020	Open Forest
Others	Leaves	0.12	0.0086	0.0057	0.00079	Scrub
Bamboo	Stalk	0.89	0.0083	0.0055	0.00077	Dense Forest
Others	Twigs	0.12	0.0073	0.0049	0.00068	Scrub
Others	Bark	0.12	0.0073	0.0049	0.00068	Scrub
Others	Branches	0.12	0.0073	0.0049	0.00068	Scrub
Bamboo	Stalk	1.6	0.0052	0.0034	0.00048	Open Forest
Eucalyptus	Leaves	0.89	0.0044	0.0029	0.00040	Dense Forest
Eucalyptus	Twigs	0.89	0.0037	0.0025	0.00035	Dense Forest
Eucalyptus	Bark	0.89	0.0037	0.0025	0.00035	Dense Forest
Eucalyptus	Branches	0.89	0.0037	0.0025	0.00035	Dense Forest
Eucalyptus	Leaves	1.6	0.0027	0.0018	0.00025	Open Forest
Catechu	Leaves	0.89	0.0024	0.0016	0.00022	Dense Forest
Eucalyptus	Twigs	1.6	0.0023	0.0015	0.00022	Open Forest
Eucalyptus	Bark	1.6	0.0023	0.0015	0.00022	Open Forest
Eucalyptus	Branches	1.6	0.0023	0.0015	0.00022	Open Forest
Catechu	Twigs	0.89	0.0021	0.0014	0.00019	Dense Forest
Catechu	Bark	0.89	0.0021	0.0014	0.00019	Dense Forest
Catechu	Branches	0.89	0.0021	0.0014	0.00019	Dense Forest
Catechu	Leaves	1.6	0.0015	0.0010	0.00014	Open Forest
Catechu	Twigs	1.6	0.0013	0.00086	0.00012	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Bark	1.6	0.0013	0.00086	0.00012	Open Forest
Catechu	Branches	1.6	0.0013	0.00086	0.00012	Open Forest
Teak	Leaves	0.12	0.00081	0.00054	7.53E-05	Scrub
Teak	Twigs	0.12	0.00070	0.00046	6.45E-05	Scrub
Teak	Bark	0.12	0.00070	0.00046	6.45E-05	Scrub
Teak	Branches	0.12	0.00070	0.00046	6.45E-05	Scrub
Bamboo	Leaves	0.89	0.00032	0.00021	3.00E-05	Dense Forest
Bamboo	Leaves	1.6	0.00020	0.00013	1.87E-05	Open Forest
Bamboo	Stalk	0.12	0.00016	0.00011	1.52E-05	Scrub
Eucalyptus	Leaves	0.12	8.61E-05	5.69E-05	7.97E-06	Scrub
Eucalyptus	Twigs	0.12	7.38E-05	4.88E-05	6.83E-06	Scrub
Eucalyptus	Bark	0.12	7.38E-05	4.88E-05	6.83E-06	Scrub
Eucalyptus	Branches	0.12	7.38E-05	4.88E-05	6.83E-06	Scrub
Catechu	Leaves	0.12	4.78E-05	3.16E-05	4.43E-06	Scrub
Catechu	Twigs	0.12	4.10E-05	2.71E-05	3.80E-06	Scrub
Catechu	Bark	0.12	4.10E-05	2.71E-05	3.80E-06	Scrub
Catechu	Branches	0.12	4.10E-05	2.71E-05	3.80E-06	Scrub
Bamboo	Leaves	0.12	6.40E-06	4.23E-06	5.92E-07	Scrub
Total		2.6	2.8	1.9	0.26	

Taluk level Residue-wise Data for Vallabhipur ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.2	0.59	0.39	0.055	Dense Forest
Others	Twigs	1.2	0.51	0.34	0.047	Dense Forest
Others	Bark	1.2	0.51	0.34	0.047	Dense Forest
Others	Branches	1.2	0.51	0.34	0.047	Dense Forest
Others	Leaves	3.5	0.24	0.16	0.022	Scrub
Others	Twigs	3.5	0.21	0.14	0.019	Scrub
Others	Bark	3.5	0.21	0.14	0.019	Scrub
Others	Branches	3.5	0.21	0.14	0.019	Scrub
Others	Leaves	0.36	0.062	0.041	0.0057	Open Forest
Teak	Leaves	1.2	0.056	0.037	0.0052	Dense Forest
Others	Twigs	0.36	0.053	0.035	0.0049	Open Forest
Others	Bark	0.36	0.053	0.035	0.0049	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Branches	0.36	0.053	0.035	0.0049	Open Forest
Teak	Bark	1.2	0.048	0.032	0.0045	Dense Forest
Teak	Branches	1.2	0.048	0.032	0.0045	Dense Forest
Teak	Twigs	1.2	0.048	0.032	0.0045	Dense Forest
Teak	Leaves	3.5	0.023	0.015	0.0021	Scrub
Teak	Twigs	3.5	0.020	0.013	0.0018	Scrub
Teak	Bark	3.5	0.020	0.013	0.0018	Scrub
Teak	Branches	3.5	0.020	0.013	0.0018	Scrub
Bamboo	Stalk	1.2	0.011	0.0075	0.0011	Dense Forest
Eucalyptus	Leaves	1.2	0.0060	0.0039	0.00055	Dense Forest
Teak	Leaves	0.36	0.0059	0.0039	0.00054	Open Forest
Eucalyptus	Twigs	1.2	0.0051	0.0034	0.00047	Dense Forest
Eucalyptus	Bark	1.2	0.0051	0.0034	0.00047	Dense Forest
Eucalyptus	Branches	1.2	0.0051	0.0034	0.00047	Dense Forest
Teak	Twigs	0.36	0.0050	0.0033	0.00047	Open Forest
Teak	Bark	0.36	0.0050	0.0033	0.00047	Open Forest
Teak	Branches	0.36	0.0050	0.0033	0.00047	Open Forest
Bamboo	Stalk	3.5	0.0046	0.0031	0.00043	Scrub
Catechu	Leaves	1.2	0.0033	0.0022	0.00031	Dense Forest
Catechu	Twigs	1.2	0.0028	0.0019	0.00026	Dense Forest
Catechu	Bark	1.2	0.0028	0.0019	0.00026	Dense Forest
Catechu	Branches	1.2	0.0028	0.0019	0.00026	Dense Forest
Eucalyptus	Leaves	3.5	0.0024	0.0016	0.00022	Scrub
Eucalyptus	Twigs	3.5	0.0021	0.0014	0.00019	Scrub
Eucalyptus	Bark	3.5	0.0021	0.0014	0.00019	Scrub
Eucalyptus	Branches	3.5	0.0021	0.0014	0.00019	Scrub
Catechu	Leaves	3.5	0.0013	0.00089	0.00012	Scrub
Bamboo	Stalk	0.36	0.0012	0.00078	0.00011	Open Forest
Catechu	Twigs	3.5	0.0012	0.00076	0.00011	Scrub
Catechu	Bark	3.5	0.0012	0.00076	0.00011	Scrub
Catechu	Branches	3.5	0.0012	0.00076	0.00011	Scrub
Eucalyptus	Leaves	0.36	0.00062	0.00041	5.75E-05	Open Forest
Eucalyptus	Twigs	0.36	0.00053	0.00035	4.93E-05	Open Forest
Eucalyptus	Bark	0.36	0.00053	0.00035	4.93E-05	Open Forest
Eucalyptus	Branches	0.36	0.00053	0.00035	4.93E-05	Open Forest
Bamboo	Leaves	1.2	0.00044	0.00029	4.10E-05	Dense Forest
Catechu	Leaves	0.36	0.00035	0.00023	3.19E-05	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Twigs	0.36	0.00030	0.00020	2.74E-05	Open Forest
Catechu	Bark	0.36	0.00030	0.00020	2.74E-05	Open Forest
Catechu	Branches	0.36	0.00030	0.00020	2.74E-05	Open Forest
Bamboo	Leaves	3.5	0.00018	0.00012	1.67E-05	Scrub
Bamboo	Leaves	0.36	4.61E-05	3.05E-05	4.27E-06	Open Forest
Total		5.1	3.6	2.4	0.33	

Taluk level Residue-wise Data for Dahod ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	7.8	3.8	3.0	0.42	Dense Forest
Others	Twigs	7.8	3.2	2.6	0.36	Dense Forest
Others	Bark	7.8	3.2	2.6	0.36	Dense Forest
Others	Branches	7.8	3.2	2.6	0.36	Dense Forest
Teak	Leaves	7.8	0.36	0.29	0.040	Dense Forest
Teak	Twigs	7.8	0.31	0.25	0.034	Dense Forest
Teak	Bark	7.8	0.31	0.25	0.034	Dense Forest
Teak	Branches	7.8	0.31	0.25	0.034	Dense Forest
Others	Leaves	1.2	0.21	0.17	0.024	Open Forest
Others	Twigs	1.2	0.18	0.14	0.020	Open Forest
Others	Bark	1.2	0.18	0.14	0.020	Open Forest
Others	Branches	1.2	0.18	0.14	0.020	Open Forest
Bamboo	Stalk	7.8	0.072	0.058	0.0081	Dense Forest
Eucalyptus	Leaves	7.8	0.038	0.030	0.0043	Dense Forest
Eucalyptus	Twigs	7.8	0.033	0.026	0.0036	Dense Forest
Eucalyptus	Bark	7.8	0.033	0.026	0.0036	Dense Forest
Eucalyptus	Branches	7.8	0.033	0.026	0.0036	Dense Forest
Catechu	Leaves	7.8	0.021	0.017	0.0024	Dense Forest
Teak	Leaves	1.2	0.020	0.016	0.0022	Open Forest
Catechu	Twigs	7.8	0.018	0.014	0.0020	Dense Forest
Catechu	Bark	7.8	0.018	0.014	0.0020	Dense Forest
Catechu	Branches	7.8	0.018	0.014	0.0020	Dense Forest
Teak	Bark	1.2	0.017	0.014	0.0019	Open Forest
Teak	Branches	1.2	0.017	0.014	0.0019	Open Forest
Teak	Twigs	1.2	0.017	0.014	0.0019	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Bamboo	Stalk	1.2	0.0040	0.0032	0.00045	Open Forest
Bamboo	Leaves	7.8	0.0028	0.0023	0.00032	Dense Forest
Eucalyptus	Leaves	1.2	0.0021	0.0017	0.00024	Open Forest
Eucalyptus	Twigs	1.2	0.0018	0.0015	0.00020	Open Forest
Eucalyptus	Bark	1.2	0.0018	0.0015	0.00020	Open Forest
Eucalyptus	Branches	1.2	0.0018	0.0015	0.00020	Open Forest
Catechu	Leaves	1.2	0.0012	0.00094	0.00013	Open Forest
Catechu	Twigs	1.2	0.0010	0.00081	0.00011	Open Forest
Catechu	Bark	1.2	0.0010	0.00081	0.00011	Open Forest
Catechu	Branches	1.2	0.0010	0.00081	0.00011	Open Forest
Bamboo	Leaves	1.2	0.00016	0.00013	1.76E-05	Open Forest
Total		9.0	15.9	12.7	1.8	

Taluk level Residue-wise Data for Devgadbaria ; Biomass Class : Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	5.0	2.4	1.9	0.27	Dense Forest
Others	Twigs	5.0	2.1	1.7	0.23	Dense Forest
Others	Bark	5.0	2.1	1.7	0.23	Dense Forest
Others	Branches	5.0	2.1	1.7	0.23	Dense Forest
Others	Leaves	8.6	1.5	1.2	0.17	Open Forest
Others	Twigs	8.6	1.3	1.0	0.14	Open Forest
Others	Bark	8.6	1.3	1.0	0.14	Open Forest
Others	Branches	8.6	1.3	1.0	0.14	Open Forest
Teak	Leaves	5.0	0.23	0.18	0.026	Dense Forest
Teak	Twigs	5.0	0.20	0.16	0.022	Dense Forest
Teak	Bark	5.0	0.20	0.16	0.022	Dense Forest
Teak	Branches	5.0	0.20	0.16	0.022	Dense Forest
Teak	Leaves	8.6	0.14	0.11	0.016	Open Forest
Teak	Twigs	8.6	0.12	0.097	0.014	Open Forest
Teak	Bark	8.6	0.12	0.097	0.014	Open Forest
Teak	Branches	8.6	0.12	0.097	0.014	Open Forest
Bamboo	Stalk	5.0	0.046	0.037	0.0052	Dense Forest
Bamboo	Stalk	8.6	0.029	0.023	0.0032	Open Forest
Eucalyptus	Leaves	5.0	0.024	0.019	0.0027	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Twigs	5.0	0.021	0.017	0.0023	Dense Forest
Eucalyptus	Bark	5.0	0.021	0.017	0.0023	Dense Forest
Eucalyptus	Branches	5.0	0.021	0.017	0.0023	Dense Forest
Eucalyptus	Leaves	8.6	0.015	0.012	0.0017	Open Forest
Catechu	Leaves	5.0	0.014	0.011	0.0015	Dense Forest
Eucalyptus	Twigs	8.6	0.013	0.010	0.0014	Open Forest
Eucalyptus	Bark	8.6	0.013	0.010	0.0014	Open Forest
Eucalyptus	Branches	8.6	0.013	0.010	0.0014	Open Forest
Catechu	Twigs	5.0	0.012	0.0093	0.0013	Dense Forest
Catechu	Bark	5.0	0.012	0.0093	0.0013	Dense Forest
Catechu	Branches	5.0	0.012	0.0093	0.0013	Dense Forest
Catechu	Leaves	8.6	0.0083	0.0067	0.00093	Open Forest
Catechu	Twigs	8.6	0.0071	0.0057	0.00080	Open Forest
Catechu	Bark	8.6	0.0071	0.0057	0.00080	Open Forest
Catechu	Branches	8.6	0.0071	0.0057	0.00080	Open Forest
Others	Leaves	0.10	0.0070	0.0056	0.00078	Scrub
Others	Twigs	0.10	0.0060	0.0048	0.00067	Scrub
Others	Bark	0.10	0.0060	0.0048	0.00067	Scrub
Others	Branches	0.10	0.0060	0.0048	0.00067	Scrub
Bamboo	Leaves	5.0	0.0018	0.0014	0.00020	Dense Forest
Bamboo	Leaves	8.6	0.0011	0.00089	0.00012	Open Forest
Teak	Leaves	0.10	0.00066	0.00053	7.44E-05	Scrub
Teak	Twigs	0.10	0.00057	0.00046	6.37E-05	Scrub
Teak	Bark	0.10	0.00057	0.00046	6.37E-05	Scrub
Teak	Branches	0.10	0.00057	0.00046	6.37E-05	Scrub
Bamboo	Stalk	0.10	0.00013	0.00011	1.50E-05	Scrub
Eucalyptus	Leaves	0.10	7.03E-05	5.62E-05	7.87E-06	Scrub
Eucalyptus	Twigs	0.10	6.03E-05	4.82E-05	6.75E-06	Scrub
Eucalyptus	Bark	0.10	6.03E-05	4.82E-05	6.75E-06	Scrub
Eucalyptus	Branches	0.10	6.03E-05	4.82E-05	6.75E-06	Scrub
Catechu	Leaves	0.10	3.91E-05	3.12E-05	4.37E-06	Scrub
Catechu	Twigs	0.10	3.35E-05	2.68E-05	3.75E-06	Scrub
Catechu	Bark	0.10	3.35E-05	2.68E-05	3.75E-06	Scrub
Catechu	Branches	0.10	3.35E-05	2.68E-05	3.75E-06	Scrub
Bamboo	Leaves	0.10	5.22E-06	4.18E-06	5.85E-07	Scrub
Total		13.7	15.6	12.5	1.7	

Taluk level Residue-wise Data for Dhanpur ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	23.7	4.1	3.3	0.46	Open Forest
Others	Twigs	23.7	3.5	2.8	0.39	Open Forest
Others	Bark	23.7	3.5	2.8	0.39	Open Forest
Others	Branches	23.7	3.5	2.8	0.39	Open Forest
Others	Leaves	3.8	1.9	1.5	0.21	Dense Forest
Others	Twigs	3.8	1.6	1.3	0.18	Dense Forest
Others	Bark	3.8	1.6	1.3	0.18	Dense Forest
Others	Branches	3.8	1.6	1.3	0.18	Dense Forest
Teak	Leaves	23.7	0.39	0.31	0.044	Open Forest
Teak	Twigs	23.7	0.33	0.27	0.037	Open Forest
Teak	Bark	23.7	0.33	0.27	0.037	Open Forest
Teak	Branches	23.7	0.33	0.27	0.037	Open Forest
Teak	Leaves	3.8	0.18	0.14	0.020	Dense Forest
Teak	Twigs	3.8	0.15	0.12	0.017	Dense Forest
Teak	Bark	3.8	0.15	0.12	0.017	Dense Forest
Teak	Branches	3.8	0.15	0.12	0.017	Dense Forest
Bamboo	Stalk	23.7	0.079	0.063	0.0088	Open Forest
Eucalyptus	Leaves	23.7	0.041	0.033	0.0046	Open Forest
Bamboo	Stalk	3.8	0.036	0.029	0.0040	Dense Forest
Eucalyptus	Twigs	23.7	0.035	0.028	0.0040	Open Forest
Eucalyptus	Bark	23.7	0.035	0.028	0.0040	Open Forest
Eucalyptus	Branches	23.7	0.035	0.028	0.0040	Open Forest
Others	Leaves	0.34	0.024	0.019	0.0027	Scrub
Catechu	Leaves	23.7	0.023	0.018	0.0026	Open Forest
Others	Twigs	0.34	0.020	0.016	0.0023	Scrub
Others	Bark	0.34	0.020	0.016	0.0023	Scrub
Others	Branches	0.34	0.020	0.016	0.0023	Scrub
Catechu	Twigs	23.7	0.020	0.016	0.0022	Open Forest
Catechu	Bark	23.7	0.020	0.016	0.0022	Open Forest
Catechu	Branches	23.7	0.020	0.016	0.0022	Open Forest
Eucalyptus	Leaves	3.8	0.019	0.015	0.0021	Dense Forest
Eucalyptus	Twigs	3.8	0.016	0.013	0.0018	Dense Forest
Eucalyptus	Bark	3.8	0.016	0.013	0.0018	Dense Forest
Eucalyptus	Branches	3.8	0.016	0.013	0.0018	Dense Forest
Catechu	Leaves	3.8	0.010	0.0083	0.0012	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Twigs	3.8	0.0089	0.0071	0.0010	Dense Forest
Catechu	Bark	3.8	0.0089	0.0071	0.0010	Dense Forest
Catechu	Branches	3.8	0.0089	0.0071	0.0010	Dense Forest
Bamboo	Leaves	23.7	0.0031	0.0025	0.00034	Open Forest
Teak	Leaves	0.34	0.0022	0.0018	0.00025	Scrub
Teak	Twigs	0.34	0.0019	0.0015	0.00022	Scrub
Teak	Bark	0.34	0.0019	0.0015	0.00022	Scrub
Teak	Branches	0.34	0.0019	0.0015	0.00022	Scrub
Bamboo	Leaves	3.8	0.0014	0.0011	0.00016	Dense Forest
Bamboo	Stalk	0.34	0.00045	0.00036	5.09E-05	Scrub
Eucalyptus	Leaves	0.34	0.00024	0.00019	2.66E-05	Scrub
Eucalyptus	Twigs	0.34	0.00020	0.00016	2.28E-05	Scrub
Eucalyptus	Bark	0.34	0.00020	0.00016	2.28E-05	Scrub
Eucalyptus	Branches	0.34	0.00020	0.00016	2.28E-05	Scrub
Catechu	Leaves	0.34	0.00013	0.00011	1.48E-05	Scrub
Catechu	Twigs	0.34	0.00011	9.06E-05	1.27E-05	Scrub
Catechu	Bark	0.34	0.00011	9.06E-05	1.27E-05	Scrub
Catechu	Branches	0.34	0.00011	9.06E-05	1.27E-05	Scrub
Bamboo	Leaves	0.34	1.77E-05	1.41E-05	1.98E-06	Scrub
Total		27.9	23.9	19.1	2.7	

Taluk level Residue-wise Data for Fatepura ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.5	0.72	0.57	0.080	Dense Forest
Others	Twigs	1.5	0.62	0.49	0.069	Dense Forest
Others	Bark	1.5	0.62	0.49	0.069	Dense Forest
Others	Branches	1.5	0.62	0.49	0.069	Dense Forest
Teak	Leaves	1.5	0.068	0.054	0.0076	Dense Forest
Teak	Twigs	1.5	0.058	0.047	0.0065	Dense Forest
Teak	Bark	1.5	0.058	0.047	0.0065	Dense Forest
Teak	Branches	1.5	0.058	0.047	0.0065	Dense Forest
Others	Leaves	0.26	0.045	0.036	0.0051	Open Forest
Others	Twigs	0.26	0.039	0.031	0.0044	Open Forest
Others	Bark	0.26	0.039	0.031	0.0044	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Branches	0.26	0.039	0.031	0.0044	Open Forest
Bamboo	Stalk	1.5	0.014	0.011	0.0015	Dense Forest
Eucalyptus	Leaves	1.5	0.0072	0.0058	0.00081	Dense Forest
Eucalyptus	Twigs	1.5	0.0062	0.0049	0.00069	Dense Forest
Eucalyptus	Bark	1.5	0.0062	0.0049	0.00069	Dense Forest
Eucalyptus	Branches	1.5	0.0062	0.0049	0.00069	Dense Forest
Teak	Leaves	0.26	0.0043	0.0034	0.00048	Open Forest
Catechu	Leaves	1.5	0.0040	0.0032	0.00045	Dense Forest
Teak	Bark	0.26	0.0037	0.0030	0.00041	Open Forest
Teak	Branches	0.26	0.0037	0.0030	0.00041	Open Forest
Teak	Twigs	0.26	0.0037	0.0030	0.00041	Open Forest
Catechu	Twigs	1.5	0.0034	0.0027	0.00038	Dense Forest
Catechu	Bark	1.5	0.0034	0.0027	0.00038	Dense Forest
Catechu	Branches	1.5	0.0034	0.0027	0.00038	Dense Forest
Bamboo	Stalk	0.26	0.00087	0.00070	9.75E-05	Open Forest
Bamboo	Leaves	1.5	0.00054	0.00043	6.00E-05	Dense Forest
Eucalyptus	Leaves	0.26	0.00046	0.00036	5.11E-05	Open Forest
Eucalyptus	Twigs	0.26	0.00039	0.00031	4.38E-05	Open Forest
Eucalyptus	Bark	0.26	0.00039	0.00031	4.38E-05	Open Forest
Eucalyptus	Branches	0.26	0.00039	0.00031	4.38E-05	Open Forest
Catechu	Leaves	0.26	0.00025	0.00020	2.84E-05	Open Forest
Catechu	Twigs	0.26	0.00022	0.00017	2.43E-05	Open Forest
Catechu	Bark	0.26	0.00022	0.00017	2.43E-05	Open Forest
Catechu	Branches	0.26	0.00022	0.00017	2.43E-05	Open Forest
Bamboo	Leaves	0.26	3.39E-05	2.71E-05	3.79E-06	Open Forest
Total		1.7	3.0	2.4	0.34	

Taluk level Residue-wise Data for Garbada ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.1	0.55	0.44	0.062	Dense Forest
Others	Twigs	1.1	0.47	0.38	0.053	Dense Forest
Others	Bark	1.1	0.47	0.38	0.053	Dense Forest
Others	Branches	1.1	0.47	0.38	0.053	Dense Forest
Others	Leaves	0.89	0.061	0.049	0.0069	Scrub
Others	Twigs	0.89	0.053	0.042	0.0059	Scrub
Others	Bark	0.89	0.053	0.042	0.0059	Scrub
Others	Branches	0.89	0.053	0.042	0.0059	Scrub
Teak	Leaves	1.1	0.052	0.042	0.0058	Dense Forest
Teak	Twigs	1.1	0.045	0.036	0.0050	Dense Forest
Teak	Bark	1.1	0.045	0.036	0.0050	Dense Forest
Teak	Branches	1.1	0.045	0.036	0.0050	Dense Forest
Others	Leaves	0.20	0.034	0.027	0.0038	Open Forest
Others	Twigs	0.20	0.029	0.024	0.0033	Open Forest
Others	Bark	0.20	0.029	0.024	0.0033	Open Forest
Others	Branches	0.20	0.029	0.024	0.0033	Open Forest
Bamboo	Stalk	1.1	0.011	0.0084	0.0012	Dense Forest
Teak	Leaves	0.89	0.0058	0.0047	0.00065	Scrub
Eucalyptus	Leaves	1.1	0.0055	0.0044	0.00062	Dense Forest
Teak	Twigs	0.89	0.0050	0.0040	0.00056	Scrub
Teak	Bark	0.89	0.0050	0.0040	0.00056	Scrub
Teak	Branches	0.89	0.0050	0.0040	0.00056	Scrub
Eucalyptus	Twigs	1.1	0.0047	0.0038	0.00053	Dense Forest
Eucalyptus	Bark	1.1	0.0047	0.0038	0.00053	Dense Forest
Eucalyptus	Branches	1.1	0.0047	0.0038	0.00053	Dense Forest
Teak	Leaves	0.20	0.0033	0.0026	0.00036	Open Forest
Catechu	Leaves	1.1	0.0031	0.0025	0.00034	Dense Forest
Teak	Twigs	0.20	0.0028	0.0022	0.00031	Open Forest
Teak	Bark	0.20	0.0028	0.0022	0.00031	Open Forest
Teak	Branches	0.20	0.0028	0.0022	0.00031	Open Forest
Catechu	Twigs	1.1	0.0026	0.0021	0.00029	Dense Forest
Catechu	Bark	1.1	0.0026	0.0021	0.00029	Dense Forest
Catechu	Branches	1.1	0.0026	0.0021	0.00029	Dense Forest
Bamboo	Stalk	0.89	0.0012	0.00094	0.00013	Scrub
Bamboo	Stalk	0.20	0.00066	0.00053	7.37E-05	Open Forest
Eucalyptus	Leaves	0.89	0.00062	0.00049	6.92E-05	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Twigs	0.89	0.00053	0.00042	5.93E-05	Scrub
Eucalyptus	Bark	0.89	0.00053	0.00042	5.93E-05	Scrub
Eucalyptus	Branches	0.89	0.00053	0.00042	5.93E-05	Scrub
Bamboo	Leaves	1.1	0.00041	0.00033	4.59E-05	Dense Forest
Eucalyptus	Leaves	0.20	0.00034	0.00028	3.86E-05	Open Forest
Catechu	Leaves	0.89	0.00034	0.00027	3.84E-05	Scrub
Eucalyptus	Bark	0.20	0.00030	0.00024	3.31E-05	Open Forest
Eucalyptus	Branches	0.20	0.00030	0.00024	3.31E-05	Open Forest
Eucalyptus	Twigs	0.20	0.00030	0.00024	3.31E-05	Open Forest
Catechu	Twigs	0.89	0.00029	0.00024	3.29E-05	Scrub
Catechu	Bark	0.89	0.00029	0.00024	3.29E-05	Scrub
Catechu	Branches	0.89	0.00029	0.00024	3.29E-05	Scrub
Catechu	Leaves	0.20	0.00019	0.00015	2.14E-05	Open Forest
Catechu	Twigs	0.20	0.00016	0.00013	1.84E-05	Open Forest
Catechu	Bark	0.20	0.00016	0.00013	1.84E-05	Open Forest
Catechu	Branches	0.20	0.00016	0.00013	1.84E-05	Open Forest
Bamboo	Leaves	0.89	4.59E-05	3.67E-05	5.14E-06	Scrub
Bamboo	Leaves	0.20	2.56E-05	2.05E-05	2.87E-06	Open Forest
Total		2.2	2.6	2.1	0.29	

Taluk level Residue-wise Data for Ghoghamba ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.2	1.1	0.85	0.12	Dense Forest
Others	Twigs	2.2	0.91	0.73	0.10	Dense Forest
Others	Bark	2.2	0.91	0.73	0.10	Dense Forest
Others	Branches	2.2	0.91	0.73	0.10	Dense Forest
Others	Leaves	7.3	0.51	0.41	0.057	Scrub
Others	Twigs	7.3	0.44	0.35	0.049	Scrub
Others	Bark	7.3	0.44	0.35	0.049	Scrub
Others	Branches	7.3	0.44	0.35	0.049	Scrub
Others	Leaves	2.1	0.37	0.29	0.041	Open Forest
Others	Twigs	2.1	0.32	0.25	0.035	Open Forest
Others	Bark	2.1	0.32	0.25	0.035	Open Forest
Others	Branches	2.1	0.32	0.25	0.035	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Leaves	2.2	0.10	0.080	0.011	Dense Forest
Teak	Twigs	2.2	0.086	0.069	0.0097	Dense Forest
Teak	Bark	2.2	0.086	0.069	0.0097	Dense Forest
Teak	Branches	2.2	0.086	0.069	0.0097	Dense Forest
Teak	Leaves	7.3	0.048	0.039	0.0054	Scrub
Teak	Twigs	7.3	0.041	0.033	0.0046	Scrub
Teak	Bark	7.3	0.041	0.033	0.0046	Scrub
Teak	Branches	7.3	0.041	0.033	0.0046	Scrub
Teak	Leaves	2.1	0.035	0.028	0.0039	Open Forest
Teak	Twigs	2.1	0.030	0.024	0.0034	Open Forest
Teak	Bark	2.1	0.030	0.024	0.0034	Open Forest
Teak	Branches	2.1	0.030	0.024	0.0034	Open Forest
Bamboo	Stalk	2.2	0.020	0.016	0.0023	Dense Forest
Eucalyptus	Leaves	2.2	0.011	0.0085	0.0012	Dense Forest
Bamboo	Stalk	7.3	0.0097	0.0078	0.0011	Scrub
Eucalyptus	Twigs	2.2	0.0091	0.0073	0.0010	Dense Forest
Eucalyptus	Bark	2.2	0.0091	0.0073	0.0010	Dense Forest
Eucalyptus	Branches	2.2	0.0091	0.0073	0.0010	Dense Forest
Bamboo	Stalk	2.1	0.0071	0.0056	0.00079	Open Forest
Catechu	Leaves	2.2	0.0059	0.0047	0.00066	Dense Forest
Eucalyptus	Leaves	7.3	0.0051	0.0041	0.00057	Scrub
Catechu	Twigs	2.2	0.0051	0.0041	0.00057	Dense Forest
Catechu	Bark	2.2	0.0051	0.0041	0.00057	Dense Forest
Catechu	Branches	2.2	0.0051	0.0041	0.00057	Dense Forest
Eucalyptus	Twigs	7.3	0.0044	0.0035	0.00049	Scrub
Eucalyptus	Bark	7.3	0.0044	0.0035	0.00049	Scrub
Eucalyptus	Branches	7.3	0.0044	0.0035	0.00049	Scrub
Eucalyptus	Leaves	2.1	0.0037	0.0030	0.00041	Open Forest
Eucalyptus	Twigs	2.1	0.0032	0.0025	0.00035	Open Forest
Eucalyptus	Bark	2.1	0.0032	0.0025	0.00035	Open Forest
Eucalyptus	Branches	2.1	0.0032	0.0025	0.00035	Open Forest
Catechu	Leaves	7.3	0.0028	0.0023	0.00032	Scrub
Catechu	Twigs	7.3	0.0024	0.0019	0.00027	Scrub
Catechu	Bark	7.3	0.0024	0.0019	0.00027	Scrub
Catechu	Branches	7.3	0.0024	0.0019	0.00027	Scrub
Catechu	Leaves	2.1	0.0021	0.0016	0.00023	Open Forest
Catechu	Twigs	2.1	0.0018	0.0014	0.00020	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Bark	2.1	0.0018	0.0014	0.00020	Open Forest
Catechu	Branches	2.1	0.0018	0.0014	0.00020	Open Forest
Bamboo	Leaves	2.2	0.00079	0.00063	8.85E-05	Dense Forest
Bamboo	Leaves	7.3	0.00038	0.00030	4.25E-05	Scrub
Bamboo	Leaves	2.1	0.00027	0.00022	3.07E-05	Open Forest
Total		11.6	7.7	6.2	0.86	

Taluk level Residue-wise Data for Jhalod ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	4.0	2.0	1.6	0.22	Dense Forest
Others	Twigs	4.0	1.7	1.3	0.19	Dense Forest
Others	Bark	4.0	1.7	1.3	0.19	Dense Forest
Others	Branches	4.0	1.7	1.3	0.19	Dense Forest
Others	Leaves	3.9	0.27	0.22	0.030	Scrub
Others	Twigs	3.9	0.23	0.19	0.026	Scrub
Others	Bark	3.9	0.23	0.19	0.026	Scrub
Others	Branches	3.9	0.23	0.19	0.026	Scrub
Teak	Leaves	4.0	0.19	0.15	0.021	Dense Forest
Others	Leaves	0.96	0.17	0.13	0.019	Open Forest
Teak	Twigs	4.0	0.16	0.13	0.018	Dense Forest
Teak	Bark	4.0	0.16	0.13	0.018	Dense Forest
Teak	Branches	4.0	0.16	0.13	0.018	Dense Forest
Others	Twigs	0.96	0.14	0.11	0.016	Open Forest
Others	Bark	0.96	0.14	0.11	0.016	Open Forest
Others	Branches	0.96	0.14	0.11	0.016	Open Forest
Bamboo	Stalk	4.0	0.037	0.030	0.0042	Dense Forest
Teak	Leaves	3.9	0.026	0.021	0.0029	Scrub
Teak	Twigs	3.9	0.022	0.018	0.0025	Scrub
Teak	Bark	3.9	0.022	0.018	0.0025	Scrub
Teak	Branches	3.9	0.022	0.018	0.0025	Scrub
Eucalyptus	Leaves	4.0	0.020	0.016	0.0022	Dense Forest
Eucalyptus	Twigs	4.0	0.017	0.013	0.0019	Dense Forest
Eucalyptus	Bark	4.0	0.017	0.013	0.0019	Dense Forest
Eucalyptus	Branches	4.0	0.017	0.013	0.0019	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Leaves	0.96	0.016	0.013	0.0018	Open Forest
Teak	Twigs	0.96	0.013	0.011	0.0015	Open Forest
Teak	Bark	0.96	0.013	0.011	0.0015	Open Forest
Teak	Branches	0.96	0.013	0.011	0.0015	Open Forest
Catechu	Leaves	4.0	0.011	0.0087	0.0012	Dense Forest
Catechu	Twigs	4.0	0.0093	0.0075	0.0010	Dense Forest
Catechu	Bark	4.0	0.0093	0.0075	0.0010	Dense Forest
Catechu	Branches	4.0	0.0093	0.0075	0.0010	Dense Forest
Bamboo	Stalk	3.9	0.0052	0.0041	0.00058	Scrub
Bamboo	Stalk	0.96	0.0032	0.0025	0.00036	Open Forest
Eucalyptus	Leaves	3.9	0.0027	0.0022	0.00030	Scrub
Eucalyptus	Twigs	3.9	0.0023	0.0019	0.00026	Scrub
Eucalyptus	Bark	3.9	0.0023	0.0019	0.00026	Scrub
Eucalyptus	Branches	3.9	0.0023	0.0019	0.00026	Scrub
Eucalyptus	Leaves	0.96	0.0017	0.0013	0.00019	Open Forest
Catechu	Leaves	3.9	0.0015	0.0012	0.00017	Scrub
Bamboo	Leaves	4.0	0.0015	0.0012	0.00016	Dense Forest
Eucalyptus	Bark	0.96	0.0014	0.0011	0.00016	Open Forest
Eucalyptus	Branches	0.96	0.0014	0.0011	0.00016	Open Forest
Eucalyptus	Twigs	0.96	0.0014	0.0011	0.00016	Open Forest
Catechu	Twigs	3.9	0.0013	0.0010	0.00014	Scrub
Catechu	Bark	3.9	0.0013	0.0010	0.00014	Scrub
Catechu	Branches	3.9	0.0013	0.0010	0.00014	Scrub
Catechu	Leaves	0.96	0.00092	0.00074	0.00010	Open Forest
Catechu	Twigs	0.96	0.00079	0.00063	8.87E-05	Open Forest
Catechu	Bark	0.96	0.00079	0.00063	8.87E-05	Open Forest
Catechu	Branches	0.96	0.00079	0.00063	8.87E-05	Open Forest
Bamboo	Leaves	3.9	0.00020	0.00016	2.26E-05	Scrub
Bamboo	Leaves	0.96	0.00012	9.89E-05	1.38E-05	Open Forest
Total		8.9	9.5	7.6	1.1	

Taluk level Residue-wise Data for Limkheda ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	10.6	5.1	4.1	0.57	Dense Forest
Others	Twigs	10.6	4.4	3.5	0.49	Dense Forest
Others	Bark	10.6	4.4	3.5	0.49	Dense Forest
Others	Branches	10.6	4.4	3.5	0.49	Dense Forest
Others	Leaves	11.9	2.1	1.6	0.23	Open Forest
Others	Twigs	11.9	1.8	1.4	0.20	Open Forest
Others	Bark	11.9	1.8	1.4	0.20	Open Forest
Others	Branches	11.9	1.8	1.4	0.20	Open Forest
Teak	Leaves	10.6	0.49	0.39	0.054	Dense Forest
Teak	Twigs	10.6	0.42	0.33	0.047	Dense Forest
Teak	Bark	10.6	0.42	0.33	0.047	Dense Forest
Teak	Branches	10.6	0.42	0.33	0.047	Dense Forest
Teak	Leaves	11.9	0.20	0.16	0.022	Open Forest
Teak	Twigs	11.9	0.17	0.13	0.019	Open Forest
Teak	Bark	11.9	0.17	0.13	0.019	Open Forest
Teak	Branches	11.9	0.17	0.13	0.019	Open Forest
Others	Leaves	2.4	0.17	0.13	0.018	Scrub
Others	Twigs	2.4	0.14	0.11	0.016	Scrub
Others	Bark	2.4	0.14	0.11	0.016	Scrub
Others	Branches	2.4	0.14	0.11	0.016	Scrub
Bamboo	Stalk	10.6	0.098	0.079	0.011	Dense Forest
Eucalyptus	Leaves	10.6	0.051	0.041	0.0058	Dense Forest
Eucalyptus	Twigs	10.6	0.044	0.035	0.0049	Dense Forest
Eucalyptus	Bark	10.6	0.044	0.035	0.0049	Dense Forest
Eucalyptus	Branches	10.6	0.044	0.035	0.0049	Dense Forest
Bamboo	Stalk	11.9	0.040	0.032	0.0044	Open Forest
Catechu	Leaves	10.6	0.029	0.023	0.0032	Dense Forest
Catechu	Twigs	10.6	0.025	0.020	0.0027	Dense Forest
Catechu	Bark	10.6	0.025	0.020	0.0027	Dense Forest
Catechu	Branches	10.6	0.025	0.020	0.0027	Dense Forest
Eucalyptus	Leaves	11.9	0.021	0.017	0.0023	Open Forest
Eucalyptus	Twigs	11.9	0.018	0.014	0.0020	Open Forest
Eucalyptus	Bark	11.9	0.018	0.014	0.0020	Open Forest
Eucalyptus	Branches	11.9	0.018	0.014	0.0020	Open Forest
Teak	Leaves	2.4	0.016	0.013	0.0018	Scrub
Teak	Twigs	2.4	0.013	0.011	0.0015	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Bark	2.4	0.013	0.011	0.0015	Scrub
Teak	Branches	2.4	0.013	0.011	0.0015	Scrub
Catechu	Leaves	11.9	0.012	0.0092	0.0013	Open Forest
Catechu	Twigs	11.9	0.0099	0.0079	0.0011	Open Forest
Catechu	Bark	11.9	0.0099	0.0079	0.0011	Open Forest
Catechu	Branches	11.9	0.0099	0.0079	0.0011	Open Forest
Bamboo	Leaves	10.6	0.0038	0.0031	0.00043	Dense Forest
Bamboo	Stalk	2.4	0.0032	0.0025	0.00035	Scrub
Eucalyptus	Leaves	2.4	0.0017	0.0013	0.00019	Scrub
Bamboo	Leaves	11.9	0.0015	0.0012	0.00017	Open Forest
Eucalyptus	Twigs	2.4	0.0014	0.0011	0.00016	Scrub
Eucalyptus	Bark	2.4	0.0014	0.0011	0.00016	Scrub
Eucalyptus	Branches	2.4	0.0014	0.0011	0.00016	Scrub
Catechu	Leaves	2.4	0.00092	0.00074	0.00010	Scrub
Catechu	Twigs	2.4	0.00079	0.00063	8.84E-05	Scrub
Catechu	Bark	2.4	0.00079	0.00063	8.84E-05	Scrub
Catechu	Branches	2.4	0.00079	0.00063	8.84E-05	Scrub
Bamboo	Leaves	2.4	0.00012	9.85E-05	1.38E-05	Scrub
Total		24.8	29.3	23.4	3.3	

Taluk level Residue-wise Data for Bhanvad ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	8.7	4.2	2.8	0.39	Dense Forest
Others	Twigs	8.7	3.6	2.4	0.33	Dense Forest
Others	Bark	8.7	3.6	2.4	0.33	Dense Forest
Others	Branches	8.7	3.6	2.4	0.33	Dense Forest
Others	Leaves	2.7	0.46	0.30	0.043	Open Forest
Teak	Leaves	8.7	0.40	0.26	0.037	Dense Forest
Others	Twigs	2.7	0.39	0.26	0.036	Open Forest
Others	Bark	2.7	0.39	0.26	0.036	Open Forest
Others	Branches	2.7	0.39	0.26	0.036	Open Forest
Teak	Twigs	8.7	0.34	0.23	0.032	Dense Forest
Teak	Bark	8.7	0.34	0.23	0.032	Dense Forest
Teak	Branches	8.7	0.34	0.23	0.032	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Bamboo	Stalk	8.7	0.081	0.053	0.0075	Dense Forest
Teak	Leaves	2.7	0.044	0.029	0.0040	Open Forest
Eucalyptus	Leaves	8.7	0.042	0.028	0.0039	Dense Forest
Teak	Twigs	2.7	0.037	0.025	0.0035	Open Forest
Teak	Bark	2.7	0.037	0.025	0.0035	Open Forest
Teak	Branches	2.7	0.037	0.025	0.0035	Open Forest
Eucalyptus	Twigs	8.7	0.036	0.024	0.0034	Dense Forest
Eucalyptus	Bark	8.7	0.036	0.024	0.0034	Dense Forest
Eucalyptus	Branches	8.7	0.036	0.024	0.0034	Dense Forest
Catechu	Leaves	8.7	0.024	0.016	0.0022	Dense Forest
Catechu	Twigs	8.7	0.020	0.013	0.0019	Dense Forest
Catechu	Bark	8.7	0.020	0.013	0.0019	Dense Forest
Catechu	Branches	8.7	0.020	0.013	0.0019	Dense Forest
Others	Leaves	0.18	0.012	0.0081	0.0011	Scrub
Others	Twigs	0.18	0.010	0.0069	0.00097	Scrub
Others	Bark	0.18	0.010	0.0069	0.00097	Scrub
Others	Branches	0.18	0.010	0.0069	0.00097	Scrub
Bamboo	Stalk	2.7	0.0088	0.0058	0.00082	Open Forest
Eucalyptus	Leaves	2.7	0.0046	0.0031	0.00043	Open Forest
Eucalyptus	Twigs	2.7	0.0040	0.0026	0.00037	Open Forest
Eucalyptus	Bark	2.7	0.0040	0.0026	0.00037	Open Forest
Eucalyptus	Branches	2.7	0.0040	0.0026	0.00037	Open Forest
Bamboo	Leaves	8.7	0.0031	0.0021	0.00029	Dense Forest
Catechu	Leaves	2.7	0.0026	0.0017	0.00024	Open Forest
Catechu	Twigs	2.7	0.0022	0.0015	0.00020	Open Forest
Catechu	Bark	2.7	0.0022	0.0015	0.00020	Open Forest
Catechu	Branches	2.7	0.0022	0.0015	0.00020	Open Forest
Teak	Leaves	0.18	0.0012	0.00077	0.00011	Scrub
Teak	Twigs	0.18	0.00100	0.00066	9.22E-05	Scrub
Teak	Bark	0.18	0.00100	0.00066	9.22E-05	Scrub
Teak	Branches	0.18	0.00100	0.00066	9.22E-05	Scrub
Bamboo	Leaves	2.7	0.00034	0.00023	3.17E-05	Open Forest
Bamboo	Stalk	0.18	0.00023	0.00016	2.17E-05	Scrub
Eucalyptus	Leaves	0.18	0.00012	8.13E-05	1.14E-05	Scrub
Eucalyptus	Twigs	0.18	0.00011	6.97E-05	9.76E-06	Scrub
Eucalyptus	Bark	0.18	0.00011	6.97E-05	9.76E-06	Scrub
Eucalyptus	Branches	0.18	0.00011	6.97E-05	9.76E-06	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Leaves	0.18	6.84E-05	4.52E-05	6.33E-06	Scrub
Catechu	Twigs	0.18	5.86E-05	3.87E-05	5.42E-06	Scrub
Catechu	Bark	0.18	5.86E-05	3.87E-05	5.42E-06	Scrub
Catechu	Branches	0.18	5.86E-05	3.87E-05	5.42E-06	Scrub
Bamboo	Leaves	0.18	9.14E-06	6.04E-06	8.46E-07	Scrub
Total		11.5	18.7	12.4	1.7	

Taluk level Residue-wise Data for Jamjodhpur ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.3	0.62	0.41	0.058	Dense Forest
Others	Twigs	1.3	0.53	0.35	0.049	Dense Forest
Others	Bark	1.3	0.53	0.35	0.049	Dense Forest
Others	Branches	1.3	0.53	0.35	0.049	Dense Forest
Others	Leaves	4.2	0.29	0.19	0.027	Scrub
Others	Twigs	4.2	0.25	0.16	0.023	Scrub
Others	Bark	4.2	0.25	0.16	0.023	Scrub
Others	Branches	4.2	0.25	0.16	0.023	Scrub
Others	Leaves	1.3	0.23	0.15	0.021	Open Forest
Others	Twigs	1.3	0.19	0.13	0.018	Open Forest
Others	Bark	1.3	0.19	0.13	0.018	Open Forest
Others	Branches	1.3	0.19	0.13	0.018	Open Forest
Teak	Leaves	1.3	0.059	0.039	0.0055	Dense Forest
Teak	Twigs	1.3	0.051	0.033	0.0047	Dense Forest
Teak	Bark	1.3	0.051	0.033	0.0047	Dense Forest
Teak	Branches	1.3	0.051	0.033	0.0047	Dense Forest
Teak	Leaves	4.2	0.028	0.018	0.0026	Scrub
Teak	Twigs	4.2	0.024	0.016	0.0022	Scrub
Teak	Bark	4.2	0.024	0.016	0.0022	Scrub
Teak	Branches	4.2	0.024	0.016	0.0022	Scrub
Teak	Leaves	1.3	0.021	0.014	0.0020	Open Forest
Teak	Twigs	1.3	0.018	0.012	0.0017	Open Forest
Teak	Bark	1.3	0.018	0.012	0.0017	Open Forest
Teak	Branches	1.3	0.018	0.012	0.0017	Open Forest
Bamboo	Stalk	1.3	0.012	0.0079	0.0011	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Leaves	1.3	0.0063	0.0041	0.00058	Dense Forest
Bamboo	Stalk	4.2	0.0056	0.0037	0.00052	Scrub
Eucalyptus	Twigs	1.3	0.0054	0.0035	0.00050	Dense Forest
Eucalyptus	Bark	1.3	0.0054	0.0035	0.00050	Dense Forest
Eucalyptus	Branches	1.3	0.0054	0.0035	0.00050	Dense Forest
Bamboo	Stalk	1.3	0.0043	0.0029	0.00040	Open Forest
Catechu	Leaves	1.3	0.0035	0.0023	0.00032	Dense Forest
Catechu	Twigs	1.3	0.0030	0.0020	0.00028	Dense Forest
Catechu	Bark	1.3	0.0030	0.0020	0.00028	Dense Forest
Catechu	Branches	1.3	0.0030	0.0020	0.00028	Dense Forest
Eucalyptus	Leaves	4.2	0.0029	0.0019	0.00027	Scrub
Eucalyptus	Twigs	4.2	0.0025	0.0017	0.00023	Scrub
Eucalyptus	Bark	4.2	0.0025	0.0017	0.00023	Scrub
Eucalyptus	Branches	4.2	0.0025	0.0017	0.00023	Scrub
Eucalyptus	Leaves	1.3	0.0023	0.0015	0.00021	Open Forest
Eucalyptus	Twigs	1.3	0.0019	0.0013	0.00018	Open Forest
Eucalyptus	Bark	1.3	0.0019	0.0013	0.00018	Open Forest
Eucalyptus	Branches	1.3	0.0019	0.0013	0.00018	Open Forest
Catechu	Leaves	4.2	0.0016	0.0011	0.00015	Scrub
Catechu	Twigs	4.2	0.0014	0.00092	0.00013	Scrub
Catechu	Bark	4.2	0.0014	0.00092	0.00013	Scrub
Catechu	Branches	4.2	0.0014	0.00092	0.00013	Scrub
Catechu	Leaves	1.3	0.0013	0.00083	0.00012	Open Forest
Catechu	Twigs	1.3	0.0011	0.00071	0.00010	Open Forest
Catechu	Bark	1.3	0.0011	0.00071	0.00010	Open Forest
Catechu	Branches	1.3	0.0011	0.00071	0.00010	Open Forest
Bamboo	Leaves	1.3	0.00046	0.00031	4.30E-05	Dense Forest
Bamboo	Leaves	4.2	0.00022	0.00014	2.01E-05	Scrub
Bamboo	Leaves	1.3	0.00017	0.00011	1.56E-05	Open Forest
Total		6.8	4.5	3.0	0.42	

Taluk level Residue-wise Data for Lalpur ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.071	0.034	0.023	0.0032	Dense Forest
Others	Twigs	0.071	0.029	0.019	0.0027	Dense Forest
Others	Bark	0.071	0.029	0.019	0.0027	Dense Forest
Others	Branches	0.071	0.029	0.019	0.0027	Dense Forest
Teak	Leaves	0.071	0.0033	0.0022	0.00030	Dense Forest
Teak	Twigs	0.071	0.0028	0.0018	0.00026	Dense Forest
Teak	Bark	0.071	0.0028	0.0018	0.00026	Dense Forest
Teak	Branches	0.071	0.0028	0.0018	0.00026	Dense Forest
Bamboo	Stalk	0.071	0.00066	0.00043	6.09E-05	Dense Forest
Eucalyptus	Leaves	0.071	0.00034	0.00023	3.19E-05	Dense Forest
Eucalyptus	Twigs	0.071	0.00030	0.00020	2.73E-05	Dense Forest
Eucalyptus	Bark	0.071	0.00030	0.00020	2.73E-05	Dense Forest
Eucalyptus	Branches	0.071	0.00030	0.00020	2.73E-05	Dense Forest
Catechu	Leaves	0.071	0.00019	0.00013	1.77E-05	Dense Forest
Catechu	Twigs	0.071	0.00016	0.00011	1.52E-05	Dense Forest
Catechu	Bark	0.071	0.00016	0.00011	1.52E-05	Dense Forest
Catechu	Branches	0.071	0.00016	0.00011	1.52E-05	Dense Forest
Bamboo	Leaves	0.071	2.56E-05	1.69E-05	2.37E-06	Dense Forest
Total		0.071	0.14	0.090	0.013	

Taluk level Residue-wise Data for Bhesan ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.42	0.20	0.13	0.019	Dense Forest
Others	Twigs	0.42	0.17	0.11	0.016	Dense Forest
Others	Bark	0.42	0.17	0.11	0.016	Dense Forest
Others	Branches	0.42	0.17	0.11	0.016	Dense Forest
Teak	Leaves	0.42	0.019	0.013	0.0018	Dense Forest
Teak	Twigs	0.42	0.016	0.011	0.0015	Dense Forest
Teak	Bark	0.42	0.016	0.011	0.0015	Dense Forest
Teak	Branches	0.42	0.016	0.011	0.0015	Dense Forest
Bamboo	Stalk	0.42	0.0039	0.0026	0.00036	Dense Forest
Eucalyptus	Leaves	0.42	0.0020	0.0013	0.00019	Dense Forest
Eucalyptus	Twigs	0.42	0.0017	0.0012	0.00016	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Bark	0.42	0.0017	0.0012	0.00016	Dense Forest
Eucalyptus	Branches	0.42	0.0017	0.0012	0.00016	Dense Forest
Catechu	Leaves	0.42	0.0011	0.00075	0.00010	Dense Forest
Catechu	Twigs	0.42	0.00097	0.00064	8.97E-05	Dense Forest
Catechu	Bark	0.42	0.00097	0.00064	8.97E-05	Dense Forest
Catechu	Branches	0.42	0.00097	0.00064	8.97E-05	Dense Forest
Bamboo	Leaves	0.42	0.00015	9.99E-05	1.40E-05	Dense Forest
Total		0.42	0.81	0.53	0.075	

Taluk level Residue-wise Data for Junagadh ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	8.3	1.4	0.95	0.13	Open Forest
Others	Leaves	19.0	1.3	0.87	0.12	Scrub
Others	Twigs	8.3	1.2	0.81	0.11	Open Forest
Others	Bark	8.3	1.2	0.81	0.11	Open Forest
Others	Branches	8.3	1.2	0.81	0.11	Open Forest
Others	Bark	19.0	1.1	0.74	0.10	Scrub
Others	Branches	19.0	1.1	0.74	0.10	Scrub
Others	Twigs	19.0	1.1	0.74	0.10	Scrub
Others	Leaves	1.6	0.76	0.50	0.071	Dense Forest
Others	Twigs	1.6	0.65	0.43	0.060	Dense Forest
Others	Bark	1.6	0.65	0.43	0.060	Dense Forest
Others	Branches	1.6	0.65	0.43	0.060	Dense Forest
Teak	Leaves	8.3	0.14	0.090	0.013	Open Forest
Teak	Leaves	19.0	0.12	0.082	0.012	Scrub
Teak	Bark	8.3	0.12	0.077	0.011	Open Forest
Teak	Branches	8.3	0.12	0.077	0.011	Open Forest
Teak	Twigs	8.3	0.12	0.077	0.011	Open Forest
Teak	Bark	19.0	0.11	0.071	0.0099	Scrub
Teak	Branches	19.0	0.11	0.071	0.0099	Scrub
Teak	Twigs	19.0	0.11	0.071	0.0099	Scrub
Teak	Leaves	1.6	0.072	0.048	0.0067	Dense Forest
Teak	Twigs	1.6	0.062	0.041	0.0057	Dense Forest
Teak	Bark	1.6	0.062	0.041	0.0057	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Branches	1.6	0.062	0.041	0.0057	Dense Forest
Bamboo	Stalk	8.3	0.027	0.018	0.0025	Open Forest
Bamboo	Stalk	19.0	0.025	0.017	0.0023	Scrub
Bamboo	Stalk	1.6	0.015	0.0097	0.0014	Dense Forest
Eucalyptus	Leaves	8.3	0.014	0.0095	0.0013	Open Forest
Eucalyptus	Leaves	19.0	0.013	0.0087	0.0012	Scrub
Eucalyptus	Bark	8.3	0.012	0.0081	0.0011	Open Forest
Eucalyptus	Branches	8.3	0.012	0.0081	0.0011	Open Forest
Eucalyptus	Twigs	8.3	0.012	0.0081	0.0011	Open Forest
Eucalyptus	Bark	19.0	0.011	0.0075	0.0010	Scrub
Eucalyptus	Branches	19.0	0.011	0.0075	0.0010	Scrub
Eucalyptus	Twigs	19.0	0.011	0.0075	0.0010	Scrub
Catechu	Leaves	8.3	0.0080	0.0053	0.00074	Open Forest
Eucalyptus	Leaves	1.6	0.0077	0.0051	0.00071	Dense Forest
Catechu	Leaves	19.0	0.0073	0.0048	0.00068	Scrub
Catechu	Bark	8.3	0.0068	0.0045	0.00063	Open Forest
Catechu	Branches	8.3	0.0068	0.0045	0.00063	Open Forest
Catechu	Twigs	8.3	0.0068	0.0045	0.00063	Open Forest
Eucalyptus	Twigs	1.6	0.0066	0.0043	0.00061	Dense Forest
Eucalyptus	Bark	1.6	0.0066	0.0043	0.00061	Dense Forest
Eucalyptus	Branches	1.6	0.0066	0.0043	0.00061	Dense Forest
Catechu	Bark	19.0	0.0063	0.0042	0.00058	Scrub
Catechu	Branches	19.0	0.0063	0.0042	0.00058	Scrub
Catechu	Twigs	19.0	0.0063	0.0042	0.00058	Scrub
Catechu	Leaves	1.6	0.0043	0.0028	0.00039	Dense Forest
Catechu	Twigs	1.6	0.0036	0.0024	0.00034	Dense Forest
Catechu	Bark	1.6	0.0036	0.0024	0.00034	Dense Forest
Catechu	Branches	1.6	0.0036	0.0024	0.00034	Dense Forest
Bamboo	Leaves	8.3	0.0011	0.00071	9.88E-05	Open Forest
Bamboo	Leaves	19.0	0.00098	0.00065	9.07E-05	Scrub
Bamboo	Leaves	1.6	0.00057	0.00038	5.27E-05	Dense Forest
Total		28.8	14.0	9.2	1.3	

Taluk level Residue-wise Data for Maliya ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.17	0.082	0.055	0.0076	Dense Forest
Others	Twigs	0.17	0.071	0.047	0.0065	Dense Forest
Others	Bark	0.17	0.071	0.047	0.0065	Dense Forest
Others	Branches	0.17	0.071	0.047	0.0065	Dense Forest
Others	Leaves	0.68	0.047	0.031	0.0044	Scrub
Others	Twigs	0.68	0.040	0.027	0.0037	Scrub
Others	Bark	0.68	0.040	0.027	0.0037	Scrub
Others	Branches	0.68	0.040	0.027	0.0037	Scrub
Others	Leaves	0.064	0.011	0.0073	0.0010	Open Forest
Others	Twigs	0.064	0.0094	0.0062	0.00087	Open Forest
Others	Bark	0.064	0.0094	0.0062	0.00087	Open Forest
Others	Branches	0.064	0.0094	0.0062	0.00087	Open Forest
Teak	Leaves	0.17	0.0078	0.0052	0.00072	Dense Forest
Teak	Twigs	0.17	0.0067	0.0044	0.00062	Dense Forest
Teak	Bark	0.17	0.0067	0.0044	0.00062	Dense Forest
Teak	Branches	0.17	0.0067	0.0044	0.00062	Dense Forest
Teak	Leaves	0.68	0.0045	0.0029	0.00041	Scrub
Teak	Twigs	0.68	0.0038	0.0025	0.00035	Scrub
Teak	Bark	0.68	0.0038	0.0025	0.00035	Scrub
Teak	Branches	0.68	0.0038	0.0025	0.00035	Scrub
Bamboo	Stalk	0.17	0.0016	0.0010	0.00015	Dense Forest
Teak	Leaves	0.064	0.0010	0.00069	9.68E-05	Open Forest
Bamboo	Stalk	0.68	0.00090	0.00060	8.35E-05	Scrub
Teak	Twigs	0.064	0.00090	0.00059	8.30E-05	Open Forest
Teak	Bark	0.064	0.00090	0.00059	8.30E-05	Open Forest
Teak	Branches	0.064	0.00090	0.00059	8.30E-05	Open Forest
Eucalyptus	Leaves	0.17	0.00083	0.00055	7.67E-05	Dense Forest
Eucalyptus	Twigs	0.17	0.00071	0.00047	6.57E-05	Dense Forest
Eucalyptus	Bark	0.17	0.00071	0.00047	6.57E-05	Dense Forest
Eucalyptus	Branches	0.17	0.00071	0.00047	6.57E-05	Dense Forest
Eucalyptus	Leaves	0.68	0.00047	0.00031	4.37E-05	Scrub
Catechu	Leaves	0.17	0.00046	0.00030	4.26E-05	Dense Forest
Eucalyptus	Twigs	0.68	0.00040	0.00027	3.75E-05	Scrub
Eucalyptus	Bark	0.68	0.00040	0.00027	3.75E-05	Scrub
Eucalyptus	Branches	0.68	0.00040	0.00027	3.75E-05	Scrub
Catechu	Twigs	0.17	0.00039	0.00026	3.65E-05	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Bark	0.17	0.00039	0.00026	3.65E-05	Dense Forest
Catechu	Branches	0.17	0.00039	0.00026	3.65E-05	Dense Forest
Catechu	Leaves	0.68	0.00026	0.00017	2.43E-05	Scrub
Catechu	Twigs	0.68	0.00022	0.00015	2.08E-05	Scrub
Catechu	Bark	0.68	0.00022	0.00015	2.08E-05	Scrub
Catechu	Branches	0.68	0.00022	0.00015	2.08E-05	Scrub
Bamboo	Stalk	0.064	0.00021	0.00014	1.96E-05	Open Forest
Eucalyptus	Leaves	0.064	0.00011	7.32E-05	1.02E-05	Open Forest
Eucalyptus	Twigs	0.064	9.49E-05	6.27E-05	8.78E-06	Open Forest
Eucalyptus	Bark	0.064	9.49E-05	6.27E-05	8.78E-06	Open Forest
Eucalyptus	Branches	0.064	9.49E-05	6.27E-05	8.78E-06	Open Forest
Bamboo	Leaves	0.17	6.15E-05	4.07E-05	5.69E-06	Dense Forest
Catechu	Leaves	0.064	6.15E-05	4.07E-05	5.69E-06	Open Forest
Catechu	Twigs	0.064	5.27E-05	3.49E-05	4.88E-06	Open Forest
Catechu	Bark	0.064	5.27E-05	3.49E-05	4.88E-06	Open Forest
Catechu	Branches	0.064	5.27E-05	3.49E-05	4.88E-06	Open Forest
Bamboo	Leaves	0.68	3.51E-05	2.32E-05	3.25E-06	Scrub
Bamboo	Leaves	0.064	8.22E-06	5.44E-06	7.61E-07	Open Forest
Total		0.91	0.56	0.37	0.052	

Taluk level Residue-wise Data for Mangrol ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.5	1.2	0.79	0.11	Dense Forest
Others	Twigs	2.5	1.0	0.67	0.094	Dense Forest
Others	Bark	2.5	1.0	0.67	0.094	Dense Forest
Others	Branches	2.5	1.0	0.67	0.094	Dense Forest
Others	Leaves	4.1	0.28	0.19	0.026	Scrub
Others	Twigs	4.1	0.24	0.16	0.022	Scrub
Others	Bark	4.1	0.24	0.16	0.022	Scrub
Others	Branches	4.1	0.24	0.16	0.022	Scrub
Others	Leaves	0.78	0.13	0.089	0.012	Open Forest
Others	Twigs	0.78	0.12	0.076	0.011	Open Forest
Others	Bark	0.78	0.12	0.076	0.011	Open Forest
Others	Branches	0.78	0.12	0.076	0.011	Open Forest
Teak	Leaves	2.5	0.11	0.075	0.010	Dense Forest
Teak	Twigs	2.5	0.097	0.064	0.0090	Dense Forest
Teak	Bark	2.5	0.097	0.064	0.0090	Dense Forest
Teak	Branches	2.5	0.097	0.064	0.0090	Dense Forest
Teak	Leaves	4.1	0.027	0.018	0.0025	Scrub
Teak	Twigs	4.1	0.023	0.015	0.0021	Scrub
Teak	Bark	4.1	0.023	0.015	0.0021	Scrub
Teak	Branches	4.1	0.023	0.015	0.0021	Scrub
Bamboo	Stalk	2.5	0.023	0.015	0.0021	Dense Forest
Teak	Leaves	0.78	0.013	0.0084	0.0012	Open Forest
Eucalyptus	Leaves	2.5	0.012	0.0079	0.0011	Dense Forest
Teak	Twigs	0.78	0.011	0.0072	0.0010	Open Forest
Teak	Bark	0.78	0.011	0.0072	0.0010	Open Forest
Teak	Branches	0.78	0.011	0.0072	0.0010	Open Forest
Eucalyptus	Twigs	2.5	0.010	0.0068	0.00095	Dense Forest
Eucalyptus	Bark	2.5	0.010	0.0068	0.00095	Dense Forest
Eucalyptus	Branches	2.5	0.010	0.0068	0.00095	Dense Forest
Catechu	Leaves	2.5	0.0066	0.0044	0.00061	Dense Forest
Catechu	Twigs	2.5	0.0057	0.0038	0.00053	Dense Forest
Catechu	Bark	2.5	0.0057	0.0038	0.00053	Dense Forest
Catechu	Branches	2.5	0.0057	0.0038	0.00053	Dense Forest
Bamboo	Stalk	4.1	0.0054	0.0036	0.00050	Scrub
Eucalyptus	Leaves	4.1	0.0028	0.0019	0.00026	Scrub
Bamboo	Stalk	0.78	0.0026	0.0017	0.00024	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Twigs	4.1	0.0024	0.0016	0.00023	Scrub
Eucalyptus	Bark	4.1	0.0024	0.0016	0.00023	Scrub
Eucalyptus	Branches	4.1	0.0024	0.0016	0.00023	Scrub
Catechu	Leaves	4.1	0.0016	0.0010	0.00015	Scrub
Catechu	Twigs	4.1	0.0014	0.00089	0.00013	Scrub
Catechu	Bark	4.1	0.0014	0.00089	0.00013	Scrub
Catechu	Branches	4.1	0.0014	0.00089	0.00013	Scrub
Eucalyptus	Leaves	0.78	0.0014	0.00089	0.00013	Open Forest
Eucalyptus	Twigs	0.78	0.0012	0.00077	0.00011	Open Forest
Eucalyptus	Bark	0.78	0.0012	0.00077	0.00011	Open Forest
Eucalyptus	Branches	0.78	0.0012	0.00077	0.00011	Open Forest
Bamboo	Leaves	2.5	0.00089	0.00059	8.22E-05	Dense Forest
Catechu	Leaves	0.78	0.00075	0.00050	6.96E-05	Open Forest
Catechu	Twigs	0.78	0.00064	0.00043	5.96E-05	Open Forest
Catechu	Bark	0.78	0.00064	0.00043	5.96E-05	Open Forest
Catechu	Branches	0.78	0.00064	0.00043	5.96E-05	Open Forest
Bamboo	Leaves	4.1	0.00021	0.00014	1.95E-05	Scrub
Bamboo	Leaves	0.78	0.00010	6.64E-05	9.30E-06	Open Forest
Total		7.3	6.4	4.2	0.59	

Taluk level Residue-wise Data for Mendarda ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	3.5	1.7	1.1	0.16	Dense Forest
Others	Twigs	3.5	1.5	0.97	0.14	Dense Forest
Others	Bark	3.5	1.5	0.97	0.14	Dense Forest
Others	Branches	3.5	1.5	0.97	0.14	Dense Forest
Others	Leaves	1.6	0.28	0.19	0.026	Open Forest
Others	Twigs	1.6	0.24	0.16	0.023	Open Forest
Others	Bark	1.6	0.24	0.16	0.023	Open Forest
Others	Branches	1.6	0.24	0.16	0.023	Open Forest
Teak	Leaves	3.5	0.16	0.11	0.015	Dense Forest
Teak	Twigs	3.5	0.14	0.092	0.013	Dense Forest
Teak	Bark	3.5	0.14	0.092	0.013	Dense Forest
Teak	Branches	3.5	0.14	0.092	0.013	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.72	0.050	0.033	0.0046	Scrub
Others	Twigs	0.72	0.043	0.028	0.0040	Scrub
Others	Bark	0.72	0.043	0.028	0.0040	Scrub
Others	Branches	0.72	0.043	0.028	0.0040	Scrub
Bamboo	Stalk	3.5	0.033	0.022	0.0030	Dense Forest
Teak	Leaves	1.6	0.027	0.018	0.0025	Open Forest
Teak	Twigs	1.6	0.023	0.015	0.0021	Open Forest
Teak	Bark	1.6	0.023	0.015	0.0021	Open Forest
Teak	Branches	1.6	0.023	0.015	0.0021	Open Forest
Eucalyptus	Leaves	3.5	0.017	0.011	0.0016	Dense Forest
Eucalyptus	Twigs	3.5	0.015	0.0098	0.0014	Dense Forest
Eucalyptus	Bark	3.5	0.015	0.0098	0.0014	Dense Forest
Eucalyptus	Branches	3.5	0.015	0.0098	0.0014	Dense Forest
Catechu	Leaves	3.5	0.0096	0.0063	0.00089	Dense Forest
Catechu	Twigs	3.5	0.0082	0.0054	0.00076	Dense Forest
Catechu	Bark	3.5	0.0082	0.0054	0.00076	Dense Forest
Catechu	Branches	3.5	0.0082	0.0054	0.00076	Dense Forest
Bamboo	Stalk	1.6	0.0055	0.0036	0.00050	Open Forest
Teak	Leaves	0.72	0.0048	0.0031	0.00044	Scrub
Teak	Twigs	0.72	0.0041	0.0027	0.00038	Scrub
Teak	Bark	0.72	0.0041	0.0027	0.00038	Scrub
Teak	Branches	0.72	0.0041	0.0027	0.00038	Scrub
Eucalyptus	Leaves	1.6	0.0029	0.0019	0.00026	Open Forest
Eucalyptus	Twigs	1.6	0.0024	0.0016	0.00023	Open Forest
Eucalyptus	Bark	1.6	0.0024	0.0016	0.00023	Open Forest
Eucalyptus	Branches	1.6	0.0024	0.0016	0.00023	Open Forest
Catechu	Leaves	1.6	0.0016	0.0010	0.00015	Open Forest
Catechu	Twigs	1.6	0.0014	0.00090	0.00013	Open Forest
Catechu	Bark	1.6	0.0014	0.00090	0.00013	Open Forest
Catechu	Branches	1.6	0.0014	0.00090	0.00013	Open Forest
Bamboo	Leaves	3.5	0.0013	0.00085	0.00012	Dense Forest
Bamboo	Stalk	0.72	0.00096	0.00064	8.91E-05	Scrub
Eucalyptus	Leaves	0.72	0.00050	0.00033	4.66E-05	Scrub
Eucalyptus	Twigs	0.72	0.00043	0.00029	4.00E-05	Scrub
Eucalyptus	Bark	0.72	0.00043	0.00029	4.00E-05	Scrub
Eucalyptus	Branches	0.72	0.00043	0.00029	4.00E-05	Scrub
Catechu	Leaves	0.72	0.00028	0.00019	2.59E-05	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Twigs	0.72	0.00024	0.00016	2.22E-05	Scrub
Catechu	Bark	0.72	0.00024	0.00016	2.22E-05	Scrub
Catechu	Branches	0.72	0.00024	0.00016	2.22E-05	Scrub
Bamboo	Leaves	1.6	0.00021	0.00014	1.96E-05	Open Forest
Bamboo	Leaves	0.72	3.74E-05	2.47E-05	3.46E-06	Scrub
Total		5.9	8.2	5.4	0.76	

Taluk level Residue-wise Data for Talala ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	49.7	24.1	16.0	2.2	Dense Forest
Others	Twigs	49.7	20.7	13.7	1.9	Dense Forest
Others	Bark	49.7	20.7	13.7	1.9	Dense Forest
Others	Branches	49.7	20.7	13.7	1.9	Dense Forest
Teak	Leaves	49.7	2.3	1.5	0.21	Dense Forest
Teak	Twigs	49.7	2.0	1.3	0.18	Dense Forest
Teak	Bark	49.7	2.0	1.3	0.18	Dense Forest
Teak	Branches	49.7	2.0	1.3	0.18	Dense Forest
Bamboo	Stalk	49.7	0.46	0.31	0.043	Dense Forest
Eucalyptus	Leaves	49.7	0.24	0.16	0.022	Dense Forest
Eucalyptus	Twigs	49.7	0.21	0.14	0.019	Dense Forest
Eucalyptus	Bark	49.7	0.21	0.14	0.019	Dense Forest
Eucalyptus	Branches	49.7	0.21	0.14	0.019	Dense Forest
Catechu	Leaves	49.7	0.13	0.089	0.012	Dense Forest
Catechu	Twigs	49.7	0.12	0.076	0.011	Dense Forest
Catechu	Bark	49.7	0.12	0.076	0.011	Dense Forest
Catechu	Branches	49.7	0.12	0.076	0.011	Dense Forest
Bamboo	Leaves	49.7	0.018	0.012	0.0017	Dense Forest
Others	Leaves	1.40E-05	9.70E-07	6.41E-07	8.98E-08	Scrub
Others	Twigs	1.40E-05	8.32E-07	5.50E-07	7.70E-08	Scrub
Others	Bark	1.40E-05	8.32E-07	5.50E-07	7.70E-08	Scrub
Others	Branches	1.40E-05	8.32E-07	5.50E-07	7.70E-08	Scrub
Teak	Leaves	1.40E-05	9.21E-08	6.08E-08	8.52E-09	Scrub
Teak	Twigs	1.40E-05	7.89E-08	5.22E-08	7.30E-09	Scrub
Teak	Bark	1.40E-05	7.89E-08	5.22E-08	7.30E-09	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Branches	1.40E-05	7.89E-08	5.22E-08	7.30E-09	Scrub
Bamboo	Stalk	1.40E-05	1.86E-08	1.23E-08	1.72E-09	Scrub
Eucalyptus	Leaves	1.40E-05	9.75E-09	6.44E-09	9.02E-10	Scrub
Eucalyptus	Twigs	1.40E-05	8.35E-09	5.52E-09	7.73E-10	Scrub
Eucalyptus	Bark	1.40E-05	8.35E-09	5.52E-09	7.73E-10	Scrub
Eucalyptus	Branches	1.40E-05	8.35E-09	5.52E-09	7.73E-10	Scrub
Catechu	Leaves	1.40E-05	5.41E-09	3.58E-09	5.01E-10	Scrub
Catechu	Twigs	1.40E-05	4.64E-09	3.07E-09	4.30E-10	Scrub
Catechu	Bark	1.40E-05	4.64E-09	3.07E-09	4.30E-10	Scrub
Catechu	Branches	1.40E-05	4.64E-09	3.07E-09	4.30E-10	Scrub
Bamboo	Leaves	1.40E-05	7.24E-10	4.79E-10	6.70E-11	Scrub
Total		49.7	96.2	63.6	8.9	

Taluk level Residue-wise Data for Una ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	62.8	10.9	7.2	1.0	Open Forest
Others	Twigs	62.8	9.3	6.2	0.86	Open Forest
Others	Bark	62.8	9.3	6.2	0.86	Open Forest
Others	Branches	62.8	9.3	6.2	0.86	Open Forest
Teak	Leaves	62.8	1.0	0.68	0.096	Open Forest
Teak	Twigs	62.8	0.89	0.59	0.082	Open Forest
Teak	Bark	62.8	0.89	0.59	0.082	Open Forest
Teak	Branches	62.8	0.89	0.59	0.082	Open Forest
Bamboo	Stalk	62.8	0.21	0.14	0.019	Open Forest
Eucalyptus	Leaves	62.8	0.11	0.072	0.010	Open Forest
Eucalyptus	Twigs	62.8	0.094	0.062	0.0087	Open Forest
Eucalyptus	Bark	62.8	0.094	0.062	0.0087	Open Forest
Eucalyptus	Branches	62.8	0.094	0.062	0.0087	Open Forest
Catechu	Leaves	62.8	0.061	0.040	0.0056	Open Forest
Catechu	Twigs	62.8	0.052	0.034	0.0048	Open Forest
Catechu	Bark	62.8	0.052	0.034	0.0048	Open Forest
Catechu	Branches	62.8	0.052	0.034	0.0048	Open Forest
Bamboo	Leaves	62.8	0.0081	0.0054	0.00075	Open Forest
Total		62.8	43.4	28.7	4.0	

Taluk level Residue-wise Data for Veraval ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.57	0.28	0.18	0.026	Dense Forest
Others	Twigs	0.57	0.24	0.16	0.022	Dense Forest
Others	Bark	0.57	0.24	0.16	0.022	Dense Forest
Others	Branches	0.57	0.24	0.16	0.022	Dense Forest
Teak	Leaves	0.57	0.026	0.017	0.0024	Dense Forest
Teak	Twigs	0.57	0.023	0.015	0.0021	Dense Forest
Teak	Bark	0.57	0.023	0.015	0.0021	Dense Forest
Teak	Branches	0.57	0.023	0.015	0.0021	Dense Forest
Bamboo	Stalk	0.57	0.0053	0.0035	0.00049	Dense Forest
Eucalyptus	Leaves	0.57	0.0028	0.0018	0.00026	Dense Forest
Eucalyptus	Twigs	0.57	0.0024	0.0016	0.00022	Dense Forest
Eucalyptus	Bark	0.57	0.0024	0.0016	0.00022	Dense Forest
Eucalyptus	Branches	0.57	0.0024	0.0016	0.00022	Dense Forest
Catechu	Leaves	0.57	0.0016	0.0010	0.00014	Dense Forest
Catechu	Twigs	0.57	0.0013	0.00088	0.00012	Dense Forest
Catechu	Bark	0.57	0.0013	0.00088	0.00012	Dense Forest
Catechu	Branches	0.57	0.0013	0.00088	0.00012	Dense Forest
Bamboo	Leaves	0.57	0.00021	0.00014	1.92E-05	Dense Forest
Total		0.57	1.1	0.73	0.10	

Taluk level Residue-wise Data for Visavadar ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	23.3	11.3	7.5	1.0	Dense Forest
Others	Twigs	23.3	9.7	6.4	0.90	Dense Forest
Others	Bark	23.3	9.7	6.4	0.90	Dense Forest
Others	Branches	23.3	9.7	6.4	0.90	Dense Forest
Teak	Leaves	23.3	1.1	0.71	0.099	Dense Forest
Teak	Twigs	23.3	0.92	0.61	0.085	Dense Forest
Teak	Bark	23.3	0.92	0.61	0.085	Dense Forest
Teak	Branches	23.3	0.92	0.61	0.085	Dense Forest
Others	Leaves	3.9	0.68	0.45	0.063	Open Forest
Others	Twigs	3.9	0.58	0.38	0.054	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Bark	3.9	0.58	0.38	0.054	Open Forest
Others	Branches	3.9	0.58	0.38	0.054	Open Forest
Others	Leaves	5.2	0.36	0.24	0.033	Scrub
Others	Twigs	5.2	0.31	0.20	0.028	Scrub
Others	Bark	5.2	0.31	0.20	0.028	Scrub
Others	Branches	5.2	0.31	0.20	0.028	Scrub
Bamboo	Stalk	23.3	0.22	0.14	0.020	Dense Forest
Eucalyptus	Leaves	23.3	0.11	0.075	0.010	Dense Forest
Eucalyptus	Twigs	23.3	0.097	0.064	0.0090	Dense Forest
Eucalyptus	Bark	23.3	0.097	0.064	0.0090	Dense Forest
Eucalyptus	Branches	23.3	0.097	0.064	0.0090	Dense Forest
Teak	Leaves	3.9	0.064	0.042	0.0059	Open Forest
Catechu	Leaves	23.3	0.063	0.042	0.0058	Dense Forest
Teak	Twigs	3.9	0.055	0.036	0.0051	Open Forest
Teak	Bark	3.9	0.055	0.036	0.0051	Open Forest
Teak	Branches	3.9	0.055	0.036	0.0051	Open Forest
Catechu	Twigs	23.3	0.054	0.036	0.0050	Dense Forest
Catechu	Bark	23.3	0.054	0.036	0.0050	Dense Forest
Catechu	Branches	23.3	0.054	0.036	0.0050	Dense Forest
Teak	Leaves	5.2	0.034	0.022	0.0031	Scrub
Teak	Twigs	5.2	0.029	0.019	0.0027	Scrub
Teak	Bark	5.2	0.029	0.019	0.0027	Scrub
Teak	Branches	5.2	0.029	0.019	0.0027	Scrub
Bamboo	Stalk	3.9	0.013	0.0086	0.0012	Open Forest
Bamboo	Leaves	23.3	0.0084	0.0056	0.00078	Dense Forest
Bamboo	Stalk	5.2	0.0069	0.0045	0.00064	Scrub
Eucalyptus	Leaves	3.9	0.0068	0.0045	0.00063	Open Forest
Eucalyptus	Twigs	3.9	0.0058	0.0038	0.00054	Open Forest
Eucalyptus	Bark	3.9	0.0058	0.0038	0.00054	Open Forest
Eucalyptus	Branches	3.9	0.0058	0.0038	0.00054	Open Forest
Catechu	Leaves	3.9	0.0038	0.0025	0.00035	Open Forest
Eucalyptus	Leaves	5.2	0.0036	0.0024	0.00033	Scrub
Catechu	Twigs	3.9	0.0032	0.0021	0.00030	Open Forest
Catechu	Bark	3.9	0.0032	0.0021	0.00030	Open Forest
Catechu	Branches	3.9	0.0032	0.0021	0.00030	Open Forest
Eucalyptus	Twigs	5.2	0.0031	0.0020	0.00029	Scrub
Eucalyptus	Bark	5.2	0.0031	0.0020	0.00029	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
ucalyptus	Branches	5.2	0.0031	0.0020	0.00029	Scrub
Catechu	Leaves	5.2	0.0020	0.0013	0.00019	Scrub
Catechu	Twigs	5.2	0.0017	0.0011	0.00016	Scrub
Catechu	Bark	5.2	0.0017	0.0011	0.00016	Scrub
Catechu	Branches	5.2	0.0017	0.0011	0.00016	Scrub
Bamboo	Leaves	3.9	0.00050	0.00033	4.66E-05	Open Forest
Bamboo	Leaves	5.2	0.00027	0.00018	2.48E-05	Scrub
Total		32.3	49.1	32.5	4.5	

Taluk level Residue-wise Data for Abadasa ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.83	0.40	0.27	0.037	Dense Forest
Others	Twigs	0.83	0.34	0.23	0.032	Dense Forest
Others	Bark	0.83	0.34	0.23	0.032	Dense Forest
Others	Branches	0.83	0.34	0.23	0.032	Dense Forest
Others	Leaves	0.71	0.12	0.082	0.011	Open Forest
Others	Twigs	0.71	0.11	0.070	0.0098	Open Forest
Others	Bark	0.71	0.11	0.070	0.0098	Open Forest
Others	Branches	0.71	0.11	0.070	0.0098	Open Forest
Others	Leaves	0.99	0.069	0.045	0.0063	Scrub
Others	Twigs	0.99	0.059	0.039	0.0054	Scrub
Others	Bark	0.99	0.059	0.039	0.0054	Scrub
Others	Branches	0.99	0.059	0.039	0.0054	Scrub
Teak	Leaves	0.83	0.038	0.025	0.0035	Dense Forest
Teak	Twigs	0.83	0.033	0.022	0.0030	Dense Forest
Teak	Bark	0.83	0.033	0.022	0.0030	Dense Forest
Teak	Branches	0.83	0.033	0.022	0.0030	Dense Forest
Teak	Leaves	0.71	0.012	0.0078	0.0011	Open Forest
Teak	Twigs	0.71	0.010	0.0067	0.00093	Open Forest
Teak	Bark	0.71	0.010	0.0067	0.00093	Open Forest
Teak	Branches	0.71	0.010	0.0067	0.00093	Open Forest
Bamboo	Stalk	0.83	0.0077	0.0051	0.00071	Dense Forest
Teak	Leaves	0.99	0.0065	0.0043	0.00060	Scrub
Teak	Twigs	0.99	0.0056	0.0037	0.00052	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Bark	0.99	0.0056	0.0037	0.00052	Scrub
Teak	Branches	0.99	0.0056	0.0037	0.00052	Scrub
Eucalyptus	Leaves	0.83	0.0040	0.0027	0.00037	Dense Forest
Eucalyptus	Twigs	0.83	0.0035	0.0023	0.00032	Dense Forest
Eucalyptus	Bark	0.83	0.0035	0.0023	0.00032	Dense Forest
Eucalyptus	Branches	0.83	0.0035	0.0023	0.00032	Dense Forest
Bamboo	Stalk	0.71	0.0024	0.0016	0.00022	Open Forest
Catechu	Leaves	0.83	0.0022	0.0015	0.00021	Dense Forest
Catechu	Twigs	0.83	0.0019	0.0013	0.00018	Dense Forest
Catechu	Bark	0.83	0.0019	0.0013	0.00018	Dense Forest
Catechu	Branches	0.83	0.0019	0.0013	0.00018	Dense Forest
Bamboo	Stalk	0.99	0.0013	0.00087	0.00012	Scrub
Eucalyptus	Leaves	0.71	0.0012	0.00082	0.00012	Open Forest
Eucalyptus	Twigs	0.71	0.0011	0.00070	9.87E-05	Open Forest
Eucalyptus	Bark	0.71	0.0011	0.00070	9.87E-05	Open Forest
Eucalyptus	Branches	0.71	0.0011	0.00070	9.87E-05	Open Forest
Catechu	Leaves	0.71	0.00069	0.00046	6.40E-05	Open Forest
Eucalyptus	Leaves	0.99	0.00069	0.00046	6.37E-05	Scrub
Catechu	Twigs	0.71	0.00059	0.00039	5.48E-05	Open Forest
Catechu	Bark	0.71	0.00059	0.00039	5.48E-05	Open Forest
Catechu	Branches	0.71	0.00059	0.00039	5.48E-05	Open Forest
Eucalyptus	Twigs	0.99	0.00059	0.00039	5.46E-05	Scrub
Eucalyptus	Bark	0.99	0.00059	0.00039	5.46E-05	Scrub
Eucalyptus	Branches	0.99	0.00059	0.00039	5.46E-05	Scrub
Catechu	Leaves	0.99	0.00038	0.00025	3.54E-05	Scrub
Catechu	Twigs	0.99	0.00033	0.00022	3.03E-05	Scrub
Catechu	Bark	0.99	0.00033	0.00022	3.03E-05	Scrub
Catechu	Branches	0.99	0.00033	0.00022	3.03E-05	Scrub
Bamboo	Leaves	0.83	0.00030	0.00020	2.77E-05	Dense Forest
Bamboo	Leaves	0.71	9.24E-05	6.11E-05	8.55E-06	Open Forest
Bamboo	Leaves	0.99	5.11E-05	3.38E-05	4.73E-06	Scrub
Total		2.5	2.4	1.6	0.22	

Taluk level Residue-wise Data for Bhuj ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	51.3	8.9	5.9	0.82	Open Forest
Others	Twigs	51.3	7.6	5.0	0.71	Open Forest
Others	Bark	51.3	7.6	5.0	0.71	Open Forest
Others	Branches	51.3	7.6	5.0	0.71	Open Forest
Others	Leaves	1.9	0.93	0.61	0.086	Dense Forest
Teak	Leaves	51.3	0.84	0.56	0.078	Open Forest
Others	Twigs	1.9	0.79	0.52	0.073	Dense Forest
Others	Bark	1.9	0.79	0.52	0.073	Dense Forest
Others	Branches	1.9	0.79	0.52	0.073	Dense Forest
Teak	Bark	51.3	0.72	0.48	0.067	Open Forest
Teak	Branches	51.3	0.72	0.48	0.067	Open Forest
Teak	Twigs	51.3	0.72	0.48	0.067	Open Forest
Bamboo	Stalk	51.3	0.17	0.11	0.016	Open Forest
Others	Leaves	1.8	0.12	0.081	0.011	Scrub
Others	Twigs	1.8	0.11	0.070	0.0097	Scrub
Others	Bark	1.8	0.11	0.070	0.0097	Scrub
Others	Branches	1.8	0.11	0.070	0.0097	Scrub
Eucalyptus	Leaves	51.3	0.089	0.059	0.0083	Open Forest
Teak	Leaves	1.9	0.088	0.058	0.0081	Dense Forest
Eucalyptus	Twigs	51.3	0.077	0.051	0.0071	Open Forest
Eucalyptus	Bark	51.3	0.077	0.051	0.0071	Open Forest
Eucalyptus	Branches	51.3	0.077	0.051	0.0071	Open Forest
Teak	Twigs	1.9	0.075	0.050	0.0070	Dense Forest
Teak	Bark	1.9	0.075	0.050	0.0070	Dense Forest
Teak	Branches	1.9	0.075	0.050	0.0070	Dense Forest
Catechu	Leaves	51.3	0.050	0.033	0.0046	Open Forest
Catechu	Twigs	51.3	0.043	0.028	0.0039	Open Forest
Catechu	Bark	51.3	0.043	0.028	0.0039	Open Forest
Catechu	Branches	51.3	0.043	0.028	0.0039	Open Forest
Bamboo	Stalk	1.9	0.018	0.012	0.0016	Dense Forest
Teak	Leaves	1.8	0.012	0.0077	0.0011	Scrub
Teak	Twigs	1.8	0.0100	0.0066	0.00092	Scrub
Teak	Bark	1.8	0.0100	0.0066	0.00092	Scrub
Teak	Branches	1.8	0.0100	0.0066	0.00092	Scrub
Eucalyptus	Leaves	1.9	0.0093	0.0061	0.00086	Dense Forest
Eucalyptus	Twigs	1.9	0.0080	0.0053	0.00074	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Bark	1.9	0.0080	0.0053	0.00074	Dense Forest
Eucalyptus	Branches	1.9	0.0080	0.0053	0.00074	Dense Forest
Bamboo	Leaves	51.3	0.0066	0.0044	0.00061	Open Forest
Catechu	Leaves	1.9	0.0052	0.0034	0.00048	Dense Forest
Catechu	Twigs	1.9	0.0044	0.0029	0.00041	Dense Forest
Catechu	Bark	1.9	0.0044	0.0029	0.00041	Dense Forest
Catechu	Branches	1.9	0.0044	0.0029	0.00041	Dense Forest
Bamboo	Stalk	1.8	0.0024	0.0016	0.00022	Scrub
Eucalyptus	Leaves	1.8	0.0012	0.00081	0.00011	Scrub
Eucalyptus	Twigs	1.8	0.0011	0.00070	9.77E-05	Scrub
Eucalyptus	Bark	1.8	0.0011	0.00070	9.77E-05	Scrub
Eucalyptus	Branches	1.8	0.0011	0.00070	9.77E-05	Scrub
Bamboo	Leaves	1.9	0.00069	0.00046	6.39E-05	Dense Forest
Catechu	Leaves	1.8	0.00068	0.00045	6.33E-05	Scrub
Catechu	Twigs	1.8	0.00059	0.00039	5.43E-05	Scrub
Catechu	Bark	1.8	0.00059	0.00039	5.43E-05	Scrub
Catechu	Branches	1.8	0.00059	0.00039	5.43E-05	Scrub
Bamboo	Leaves	1.8	9.15E-05	6.05E-05	8.47E-06	Scrub
Total		55.0	39.6	26.2	3.7	

Taluk level Residue-wise Data for Lakhpat ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.3	0.63	0.41	0.058	Dense Forest
Others	Twigs	1.3	0.54	0.36	0.050	Dense Forest
Others	Bark	1.3	0.54	0.36	0.050	Dense Forest
Others	Branches	1.3	0.54	0.36	0.050	Dense Forest
Others	Leaves	0.77	0.13	0.088	0.012	Open Forest
Others	Twigs	0.77	0.11	0.075	0.011	Open Forest
Others	Bark	0.77	0.11	0.075	0.011	Open Forest
Others	Branches	0.77	0.11	0.075	0.011	Open Forest
Teak	Leaves	1.3	0.060	0.039	0.0055	Dense Forest
Teak	Twigs	1.3	0.051	0.034	0.0047	Dense Forest
Teak	Bark	1.3	0.051	0.034	0.0047	Dense Forest
Teak	Branches	1.3	0.051	0.034	0.0047	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.34	0.024	0.016	0.0022	Scrub
Others	Twigs	0.34	0.020	0.013	0.0019	Scrub
Others	Bark	0.34	0.020	0.013	0.0019	Scrub
Others	Branches	0.34	0.020	0.013	0.0019	Scrub
Teak	Leaves	0.77	0.013	0.0083	0.0012	Open Forest
Bamboo	Stalk	1.3	0.012	0.0080	0.0011	Dense Forest
Teak	Twigs	0.77	0.011	0.0071	0.0010	Open Forest
Teak	Bark	0.77	0.011	0.0071	0.0010	Open Forest
Teak	Branches	0.77	0.011	0.0071	0.0010	Open Forest
Eucalyptus	Leaves	1.3	0.0063	0.0042	0.00058	Dense Forest
Eucalyptus	Twigs	1.3	0.0054	0.0036	0.00050	Dense Forest
Eucalyptus	Bark	1.3	0.0054	0.0036	0.00050	Dense Forest
Eucalyptus	Branches	1.3	0.0054	0.0036	0.00050	Dense Forest
Catechu	Leaves	1.3	0.0035	0.0023	0.00032	Dense Forest
Catechu	Twigs	1.3	0.0030	0.0020	0.00028	Dense Forest
Catechu	Bark	1.3	0.0030	0.0020	0.00028	Dense Forest
Catechu	Branches	1.3	0.0030	0.0020	0.00028	Dense Forest
Bamboo	Stalk	0.77	0.0026	0.0017	0.00024	Open Forest
Teak	Leaves	0.34	0.0023	0.0015	0.00021	Scrub
Teak	Twigs	0.34	0.0019	0.0013	0.00018	Scrub
Teak	Bark	0.34	0.0019	0.0013	0.00018	Scrub
Teak	Branches	0.34	0.0019	0.0013	0.00018	Scrub
Eucalyptus	Leaves	0.77	0.0013	0.00088	0.00012	Open Forest
Eucalyptus	Twigs	0.77	0.0011	0.00076	0.00011	Open Forest
Eucalyptus	Bark	0.77	0.0011	0.00076	0.00011	Open Forest
Eucalyptus	Branches	0.77	0.0011	0.00076	0.00011	Open Forest
Catechu	Leaves	0.77	0.00074	0.00049	6.87E-05	Open Forest
Catechu	Twigs	0.77	0.00064	0.00042	5.89E-05	Open Forest
Catechu	Bark	0.77	0.00064	0.00042	5.89E-05	Open Forest
Catechu	Branches	0.77	0.00064	0.00042	5.89E-05	Open Forest
Bamboo	Leaves	1.3	0.00047	0.00031	4.33E-05	Dense Forest
Bamboo	Stalk	0.34	0.00046	0.00030	4.23E-05	Scrub
Eucalyptus	Leaves	0.34	0.00024	0.00016	2.21E-05	Scrub
Eucalyptus	Twigs	0.34	0.00020	0.00014	1.90E-05	Scrub
Eucalyptus	Bark	0.34	0.00020	0.00014	1.90E-05	Scrub
Eucalyptus	Branches	0.34	0.00020	0.00014	1.90E-05	Scrub
Catechu	Leaves	0.34	0.00013	8.78E-05	1.23E-05	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Twigs	0.34	0.00011	7.52E-05	1.05E-05	Scrub
Catechu	Bark	0.34	0.00011	7.52E-05	1.05E-05	Scrub
Catechu	Branches	0.34	0.00011	7.52E-05	1.05E-05	Scrub
Bamboo	Leaves	0.77	9.92E-05	6.56E-05	9.18E-06	Open Forest
Bamboo	Leaves	0.34	1.78E-05	1.17E-05	1.64E-06	Scrub
Total		2.4	3.1	2.1	0.29	

Taluk level Residue-wise Data for Mandvi ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.7	1.3	0.85	0.12	Dense Forest
Others	Twigs	2.7	1.1	0.73	0.10	Dense Forest
Others	Bark	2.7	1.1	0.73	0.10	Dense Forest
Others	Branches	2.7	1.1	0.73	0.10	Dense Forest
Teak	Leaves	2.7	0.12	0.081	0.011	Dense Forest
Teak	Twigs	2.7	0.11	0.069	0.0097	Dense Forest
Teak	Bark	2.7	0.11	0.069	0.0097	Dense Forest
Teak	Branches	2.7	0.11	0.069	0.0097	Dense Forest
Others	Leaves	0.27	0.046	0.030	0.0043	Open Forest
Others	Twigs	0.27	0.039	0.026	0.0036	Open Forest
Others	Bark	0.27	0.039	0.026	0.0036	Open Forest
Others	Branches	0.27	0.039	0.026	0.0036	Open Forest
Bamboo	Stalk	2.7	0.025	0.016	0.0023	Dense Forest
Eucalyptus	Leaves	2.7	0.013	0.0086	0.0012	Dense Forest
Eucalyptus	Twigs	2.7	0.011	0.0074	0.0010	Dense Forest
Eucalyptus	Bark	2.7	0.011	0.0074	0.0010	Dense Forest
Eucalyptus	Branches	2.7	0.011	0.0074	0.0010	Dense Forest
Catechu	Leaves	2.7	0.0072	0.0048	0.00067	Dense Forest
Catechu	Twigs	2.7	0.0062	0.0041	0.00057	Dense Forest
Catechu	Bark	2.7	0.0062	0.0041	0.00057	Dense Forest
Catechu	Branches	2.7	0.0062	0.0041	0.00057	Dense Forest
Teak	Leaves	0.27	0.0044	0.0029	0.00040	Open Forest
Teak	Twigs	0.27	0.0037	0.0025	0.00035	Open Forest
Teak	Bark	0.27	0.0037	0.0025	0.00035	Open Forest
Teak	Branches	0.27	0.0037	0.0025	0.00035	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Bamboo	Leaves	2.7	0.00096	0.00064	8.92E-05	Dense Forest
Bamboo	Stalk	0.27	0.00088	0.00058	8.15E-05	Open Forest
Eucalyptus	Leaves	0.27	0.00046	0.00030	4.27E-05	Open Forest
Eucalyptus	Twigs	0.27	0.00040	0.00026	3.66E-05	Open Forest
Eucalyptus	Bark	0.27	0.00040	0.00026	3.66E-05	Open Forest
Eucalyptus	Branches	0.27	0.00040	0.00026	3.66E-05	Open Forest
Catechu	Leaves	0.27	0.00026	0.00017	2.37E-05	Open Forest
Catechu	Twigs	0.27	0.00022	0.00015	2.03E-05	Open Forest
Catechu	Bark	0.27	0.00022	0.00015	2.03E-05	Open Forest
Catechu	Branches	0.27	0.00022	0.00015	2.03E-05	Open Forest
Bamboo	Leaves	0.27	3.43E-05	2.27E-05	3.17E-06	Open Forest
Total		2.9	5.3	3.5	0.49	

Taluk level Residue-wise Data for Nakhtrana ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.8	1.4	0.91	0.13	Dense Forest
Others	Twigs	2.8	1.2	0.78	0.11	Dense Forest
Others	Bark	2.8	1.2	0.78	0.11	Dense Forest
Others	Branches	2.8	1.2	0.78	0.11	Dense Forest
Others	Leaves	2.9	0.51	0.34	0.047	Open Forest
Others	Twigs	2.9	0.44	0.29	0.040	Open Forest
Others	Bark	2.9	0.44	0.29	0.040	Open Forest
Others	Branches	2.9	0.44	0.29	0.040	Open Forest
Others	Leaves	3.8	0.26	0.17	0.024	Scrub
Others	Twigs	3.8	0.22	0.15	0.021	Scrub
Others	Bark	3.8	0.22	0.15	0.021	Scrub
Others	Branches	3.8	0.22	0.15	0.021	Scrub
Teak	Leaves	2.8	0.13	0.086	0.012	Dense Forest
Teak	Twigs	2.8	0.11	0.074	0.010	Dense Forest
Teak	Bark	2.8	0.11	0.074	0.010	Dense Forest
Teak	Branches	2.8	0.11	0.074	0.010	Dense Forest
Teak	Leaves	2.9	0.048	0.032	0.0045	Open Forest
Teak	Twigs	2.9	0.041	0.027	0.0038	Open Forest
Teak	Bark	2.9	0.041	0.027	0.0038	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Branches	2.9	0.041	0.027	0.0038	Open Forest
Bamboo	Stalk	2.8	0.026	0.017	0.0024	Dense Forest
Teak	Leaves	3.8	0.025	0.016	0.0023	Scrub
Teak	Twigs	3.8	0.021	0.014	0.0020	Scrub
Teak	Bark	3.8	0.021	0.014	0.0020	Scrub
Teak	Branches	3.8	0.021	0.014	0.0020	Scrub
Eucalyptus	Leaves	2.8	0.014	0.0091	0.0013	Dense Forest
Eucalyptus	Twigs	2.8	0.012	0.0078	0.0011	Dense Forest
Eucalyptus	Bark	2.8	0.012	0.0078	0.0011	Dense Forest
Eucalyptus	Branches	2.8	0.012	0.0078	0.0011	Dense Forest
Bamboo	Stalk	2.9	0.0098	0.0065	0.00091	Open Forest
Catechu	Leaves	2.8	0.0077	0.0051	0.00071	Dense Forest
Catechu	Twigs	2.8	0.0066	0.0043	0.00061	Dense Forest
Catechu	Bark	2.8	0.0066	0.0043	0.00061	Dense Forest
Catechu	Branches	2.8	0.0066	0.0043	0.00061	Dense Forest
Eucalyptus	Leaves	2.9	0.0051	0.0034	0.00047	Open Forest
Bamboo	Stalk	3.8	0.0050	0.0033	0.00047	Scrub
Eucalyptus	Twigs	2.9	0.0044	0.0029	0.00041	Open Forest
Eucalyptus	Bark	2.9	0.0044	0.0029	0.00041	Open Forest
Eucalyptus	Branches	2.9	0.0044	0.0029	0.00041	Open Forest
Catechu	Leaves	2.9	0.0028	0.0019	0.00026	Open Forest
Eucalyptus	Leaves	3.8	0.0026	0.0017	0.00024	Scrub
Catechu	Twigs	2.9	0.0024	0.0016	0.00023	Open Forest
Catechu	Bark	2.9	0.0024	0.0016	0.00023	Open Forest
Catechu	Branches	2.9	0.0024	0.0016	0.00023	Open Forest
Eucalyptus	Twigs	3.8	0.0023	0.0015	0.00021	Scrub
Eucalyptus	Bark	3.8	0.0023	0.0015	0.00021	Scrub
Eucalyptus	Branches	3.8	0.0023	0.0015	0.00021	Scrub
Catechu	Leaves	3.8	0.0015	0.00097	0.00014	Scrub
Catechu	Twigs	3.8	0.0013	0.00083	0.00012	Scrub
Catechu	Bark	3.8	0.0013	0.00083	0.00012	Scrub
Catechu	Branches	3.8	0.0013	0.00083	0.00012	Scrub
Bamboo	Leaves	2.8	0.0010	0.00068	9.50E-05	Dense Forest
Bamboo	Leaves	2.9	0.00038	0.00025	3.52E-05	Open Forest
Bamboo	Leaves	3.8	0.00020	0.00013	1.81E-05	Scrub
Total		9.6	8.6	5.7	0.79	

Taluk level Residue-wise Data for Kathlal ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.0	0.50	0.33	0.046	Dense Forest
Others	Twigs	1.0	0.43	0.28	0.040	Dense Forest
Others	Bark	1.0	0.43	0.28	0.040	Dense Forest
Others	Branches	1.0	0.43	0.28	0.040	Dense Forest
Teak	Leaves	1.0	0.047	0.031	0.0044	Dense Forest
Teak	Twigs	1.0	0.041	0.027	0.0038	Dense Forest
Teak	Bark	1.0	0.041	0.027	0.0038	Dense Forest
Teak	Branches	1.0	0.041	0.027	0.0038	Dense Forest
Bamboo	Stalk	1.0	0.0096	0.0063	0.00088	Dense Forest
Others	Leaves	0.033	0.0058	0.0038	0.00054	Open Forest
Eucalyptus	Leaves	1.0	0.0050	0.0033	0.00046	Dense Forest
Others	Twigs	0.033	0.0050	0.0033	0.00046	Open Forest
Others	Bark	0.033	0.0050	0.0033	0.00046	Open Forest
Others	Branches	0.033	0.0050	0.0033	0.00046	Open Forest
Eucalyptus	Bark	1.0	0.0043	0.0028	0.00040	Dense Forest
Eucalyptus	Branches	1.0	0.0043	0.0028	0.00040	Dense Forest
Eucalyptus	Twigs	1.0	0.0043	0.0028	0.00040	Dense Forest
Catechu	Leaves	1.0	0.0028	0.0018	0.00026	Dense Forest
Catechu	Twigs	1.0	0.0024	0.0016	0.00022	Dense Forest
Catechu	Bark	1.0	0.0024	0.0016	0.00022	Dense Forest
Catechu	Branches	1.0	0.0024	0.0016	0.00022	Dense Forest
Teak	Leaves	0.033	0.00055	0.00036	5.09E-05	Open Forest
Teak	Twigs	0.033	0.00047	0.00031	4.36E-05	Open Forest
Teak	Bark	0.033	0.00047	0.00031	4.36E-05	Open Forest
Teak	Branches	0.033	0.00047	0.00031	4.36E-05	Open Forest
Bamboo	Leaves	1.0	0.00037	0.00025	3.44E-05	Dense Forest
Bamboo	Stalk	0.033	0.00011	7.35E-05	1.03E-05	Open Forest
Eucalyptus	Leaves	0.033	5.82E-05	3.85E-05	5.39E-06	Open Forest
Eucalyptus	Twigs	0.033	4.99E-05	3.30E-05	4.62E-06	Open Forest
Eucalyptus	Bark	0.033	4.99E-05	3.30E-05	4.62E-06	Open Forest
Eucalyptus	Branches	0.033	4.99E-05	3.30E-05	4.62E-06	Open Forest
Catechu	Leaves	0.033	3.23E-05	2.14E-05	2.99E-06	Open Forest
Catechu	Twigs	0.033	2.77E-05	1.83E-05	2.56E-06	Open Forest
Catechu	Bark	0.033	2.77E-05	1.83E-05	2.56E-06	Open Forest
Catechu	Branches	0.033	2.77E-05	1.83E-05	2.56E-06	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Bamboo	Leaves	0.033	4.32E-06	2.86E-06	4.00E-07	Open Forest
Total		1.1	2.0	1.3	0.19	

Taluk level Residue-wise Data for Virpur ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	3.0	0.53	0.35	0.049	Open Forest
Others	Twigs	3.0	0.45	0.30	0.042	Open Forest
Others	Bark	3.0	0.45	0.30	0.042	Open Forest
Others	Branches	3.0	0.45	0.30	0.042	Open Forest
Teak	Leaves	3.0	0.050	0.033	0.0046	Open Forest
Teak	Twigs	3.0	0.043	0.028	0.0040	Open Forest
Teak	Bark	3.0	0.043	0.028	0.0040	Open Forest
Teak	Branches	3.0	0.043	0.028	0.0040	Open Forest
Others	Leaves	0.053	0.026	0.017	0.0024	Dense Forest
Others	Twigs	0.053	0.022	0.015	0.0020	Dense Forest
Others	Bark	0.053	0.022	0.015	0.0020	Dense Forest
Others	Branches	0.053	0.022	0.015	0.0020	Dense Forest
Bamboo	Stalk	3.0	0.010	0.0067	0.00094	Open Forest
Others	Leaves	0.11	0.0078	0.0052	0.00072	Scrub
Others	Twigs	0.11	0.0067	0.0044	0.00062	Scrub
Others	Bark	0.11	0.0067	0.0044	0.00062	Scrub
Others	Branches	0.11	0.0067	0.0044	0.00062	Scrub
Eucalyptus	Leaves	3.0	0.0053	0.0035	0.00049	Open Forest
Eucalyptus	Twigs	3.0	0.0045	0.0030	0.00042	Open Forest
Eucalyptus	Bark	3.0	0.0045	0.0030	0.00042	Open Forest
Eucalyptus	Branches	3.0	0.0045	0.0030	0.00042	Open Forest
Catechu	Leaves	3.0	0.0029	0.0019	0.00027	Open Forest
Catechu	Twigs	3.0	0.0025	0.0017	0.00023	Open Forest
Catechu	Bark	3.0	0.0025	0.0017	0.00023	Open Forest
Catechu	Branches	3.0	0.0025	0.0017	0.00023	Open Forest
Teak	Leaves	0.053	0.0024	0.0016	0.00023	Dense Forest
Teak	Twigs	0.053	0.0021	0.0014	0.00019	Dense Forest
Teak	Bark	0.053	0.0021	0.0014	0.00019	Dense Forest
Teak	Branches	0.053	0.0021	0.0014	0.00019	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Leaves	0.11	0.00074	0.00049	6.87E-05	Scrub
Teak	Twigs	0.11	0.00064	0.00042	5.89E-05	Scrub
Teak	Bark	0.11	0.00064	0.00042	5.89E-05	Scrub
Teak	Branches	0.11	0.00064	0.00042	5.89E-05	Scrub
Bamboo	Stalk	0.053	0.00049	0.00033	4.57E-05	Dense Forest
Bamboo	Leaves	3.0	0.00039	0.00026	3.64E-05	Open Forest
Eucalyptus	Leaves	0.053	0.00026	0.00017	2.39E-05	Dense Forest
Eucalyptus	Twigs	0.053	0.00022	0.00015	2.05E-05	Dense Forest
Eucalyptus	Bark	0.053	0.00022	0.00015	2.05E-05	Dense Forest
Eucalyptus	Branches	0.053	0.00022	0.00015	2.05E-05	Dense Forest
Bamboo	Stalk	0.11	0.00015	9.93E-05	1.39E-05	Scrub
Catechu	Leaves	0.053	0.00014	9.49E-05	1.33E-05	Dense Forest
Catechu	Twigs	0.053	0.00012	8.13E-05	1.14E-05	Dense Forest
Catechu	Bark	0.053	0.00012	8.13E-05	1.14E-05	Dense Forest
Catechu	Branches	0.053	0.00012	8.13E-05	1.14E-05	Dense Forest
Eucalyptus	Leaves	0.11	7.86E-05	5.20E-05	7.28E-06	Scrub
Eucalyptus	Twigs	0.11	6.74E-05	4.45E-05	6.24E-06	Scrub
Eucalyptus	Bark	0.11	6.74E-05	4.45E-05	6.24E-06	Scrub
Eucalyptus	Branches	0.11	6.74E-05	4.45E-05	6.24E-06	Scrub
Catechu	Leaves	0.11	4.37E-05	2.89E-05	4.04E-06	Scrub
Catechu	Twigs	0.11	3.74E-05	2.47E-05	3.46E-06	Scrub
Catechu	Bark	0.11	3.74E-05	2.47E-05	3.46E-06	Scrub
Catechu	Branches	0.11	3.74E-05	2.47E-05	3.46E-06	Scrub
Bamboo	Leaves	0.053	1.92E-05	1.27E-05	1.78E-06	Dense Forest
Bamboo	Leaves	0.11	5.84E-06	3.86E-06	5.40E-07	Scrub
Total		3.2	2.2	1.5	0.21	

Taluk level Residue-wise Data for Dediapada ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	63.0	30.6	24.5	3.4	Dense Forest
Others	Twigs	63.0	26.2	21.0	2.9	Dense Forest
Others	Bark	63.0	26.2	21.0	2.9	Dense Forest
Others	Branches	63.0	26.2	21.0	2.9	Dense Forest
Teak	Leaves	63.0	2.9	2.3	0.32	Dense Forest
Teak	Twigs	63.0	2.5	2.0	0.28	Dense Forest
Teak	Bark	63.0	2.5	2.0	0.28	Dense Forest
Teak	Branches	63.0	2.5	2.0	0.28	Dense Forest
Others	Leaves	4.7	0.81	0.65	0.091	Open Forest
Others	Twigs	4.7	0.70	0.56	0.078	Open Forest
Others	Bark	4.7	0.70	0.56	0.078	Open Forest
Others	Branches	4.7	0.70	0.56	0.078	Open Forest
Bamboo	Stalk	63.0	0.59	0.47	0.066	Dense Forest
Eucalyptus	Leaves	63.0	0.31	0.25	0.034	Dense Forest
Eucalyptus	Twigs	63.0	0.26	0.21	0.029	Dense Forest
Eucalyptus	Bark	63.0	0.26	0.21	0.029	Dense Forest
Eucalyptus	Branches	63.0	0.26	0.21	0.029	Dense Forest
Catechu	Leaves	63.0	0.17	0.14	0.019	Dense Forest
Others	Leaves	2.2	0.15	0.12	0.017	Scrub
Catechu	Twigs	63.0	0.15	0.12	0.016	Dense Forest
Catechu	Bark	63.0	0.15	0.12	0.016	Dense Forest
Catechu	Branches	63.0	0.15	0.12	0.016	Dense Forest
Others	Twigs	2.2	0.13	0.10	0.015	Scrub
Others	Bark	2.2	0.13	0.10	0.015	Scrub
Others	Branches	2.2	0.13	0.10	0.015	Scrub
Teak	Leaves	4.7	0.077	0.062	0.0087	Open Forest
Teak	Twigs	4.7	0.066	0.053	0.0074	Open Forest
Teak	Bark	4.7	0.066	0.053	0.0074	Open Forest
Teak	Branches	4.7	0.066	0.053	0.0074	Open Forest
Bamboo	Leaves	63.0	0.023	0.018	0.0026	Dense Forest
Bamboo	Stalk	4.7	0.016	0.013	0.0018	Open Forest
Teak	Leaves	2.2	0.014	0.012	0.0016	Scrub
Teak	Twigs	2.2	0.012	0.0099	0.0014	Scrub
Teak	Bark	2.2	0.012	0.0099	0.0014	Scrub
Teak	Branches	2.2	0.012	0.0099	0.0014	Scrub
Eucalyptus	Leaves	4.7	0.0082	0.0065	0.00092	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Twigs	4.7	0.0070	0.0056	0.00079	Open Forest
Eucalyptus	Bark	4.7	0.0070	0.0056	0.00079	Open Forest
Eucalyptus	Branches	4.7	0.0070	0.0056	0.00079	Open Forest
Catechu	Leaves	4.7	0.0045	0.0036	0.00051	Open Forest
Catechu	Twigs	4.7	0.0039	0.0031	0.00044	Open Forest
Catechu	Bark	4.7	0.0039	0.0031	0.00044	Open Forest
Catechu	Branches	4.7	0.0039	0.0031	0.00044	Open Forest
Bamboo	Stalk	2.2	0.0029	0.0023	0.00033	Scrub
Eucalyptus	Leaves	2.2	0.0015	0.0012	0.00017	Scrub
Eucalyptus	Twigs	2.2	0.0013	0.0010	0.00015	Scrub
Eucalyptus	Bark	2.2	0.0013	0.0010	0.00015	Scrub
Eucalyptus	Branches	2.2	0.0013	0.0010	0.00015	Scrub
Catechu	Leaves	2.2	0.00085	0.00068	9.52E-05	Scrub
Catechu	Twigs	2.2	0.00073	0.00058	8.16E-05	Scrub
Catechu	Bark	2.2	0.00073	0.00058	8.16E-05	Scrub
Catechu	Branches	2.2	0.00073	0.00058	8.16E-05	Scrub
Bamboo	Leaves	4.7	0.00061	0.00049	6.81E-05	Open Forest
Bamboo	Leaves	2.2	0.00011	9.09E-05	1.27E-05	Scrub
Total		69.9	125.7	100.6	14.1	

Taluk level Residue-wise Data for Nandod ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	28.4	13.8	11.0	1.5	Dense Forest
Others	Twigs	28.4	11.8	9.5	1.3	Dense Forest
Others	Bark	28.4	11.8	9.5	1.3	Dense Forest
Others	Branches	28.4	11.8	9.5	1.3	Dense Forest
Others	Leaves	37.9	6.6	5.3	0.74	Open Forest
Others	Twigs	37.9	5.6	4.5	0.63	Open Forest
Others	Bark	37.9	5.6	4.5	0.63	Open Forest
Others	Branches	37.9	5.6	4.5	0.63	Open Forest
Teak	Leaves	28.4	1.3	1.0	0.15	Dense Forest
Teak	Twigs	28.4	1.1	0.90	0.13	Dense Forest
Teak	Bark	28.4	1.1	0.90	0.13	Dense Forest
Teak	Branches	28.4	1.1	0.90	0.13	Dense Forest
Teak	Leaves	37.9	0.62	0.50	0.070	Open Forest
Teak	Twigs	37.9	0.53	0.43	0.060	Open Forest
Teak	Bark	37.9	0.53	0.43	0.060	Open Forest
Teak	Branches	37.9	0.53	0.43	0.060	Open Forest
Bamboo	Stalk	28.4	0.26	0.21	0.030	Dense Forest
Others	Leaves	2.2	0.15	0.12	0.017	Scrub
Eucalyptus	Leaves	28.4	0.14	0.11	0.016	Dense Forest
Others	Twigs	2.2	0.13	0.10	0.015	Scrub
Others	Bark	2.2	0.13	0.10	0.015	Scrub
Others	Branches	2.2	0.13	0.10	0.015	Scrub
Bamboo	Stalk	37.9	0.13	0.10	0.014	Open Forest
Eucalyptus	Twigs	28.4	0.12	0.095	0.013	Dense Forest
Eucalyptus	Bark	28.4	0.12	0.095	0.013	Dense Forest
Eucalyptus	Branches	28.4	0.12	0.095	0.013	Dense Forest
Catechu	Leaves	28.4	0.077	0.062	0.0086	Dense Forest
Catechu	Twigs	28.4	0.066	0.053	0.0074	Dense Forest
Catechu	Bark	28.4	0.066	0.053	0.0074	Dense Forest
Catechu	Branches	28.4	0.066	0.053	0.0074	Dense Forest
Eucalyptus	Leaves	37.9	0.066	0.053	0.0074	Open Forest
Eucalyptus	Twigs	37.9	0.057	0.045	0.0063	Open Forest
Eucalyptus	Bark	37.9	0.057	0.045	0.0063	Open Forest
Eucalyptus	Branches	37.9	0.057	0.045	0.0063	Open Forest
Catechu	Leaves	37.9	0.037	0.029	0.0041	Open Forest
Catechu	Twigs	37.9	0.031	0.025	0.0035	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Bark	37.9	0.031	0.025	0.0035	Open Forest
Catechu	Branches	37.9	0.031	0.025	0.0035	Open Forest
Teak	Leaves	2.2	0.014	0.012	0.0016	Scrub
Teak	Twigs	2.2	0.012	0.0099	0.0014	Scrub
Teak	Bark	2.2	0.012	0.0099	0.0014	Scrub
Teak	Branches	2.2	0.012	0.0099	0.0014	Scrub
Bamboo	Leaves	28.4	0.010	0.0082	0.0012	Dense Forest
Bamboo	Leaves	37.9	0.0049	0.0039	0.00055	Open Forest
Bamboo	Stalk	2.2	0.0029	0.0023	0.00033	Scrub
Eucalyptus	Leaves	2.2	0.0015	0.0012	0.00017	Scrub
Eucalyptus	Twigs	2.2	0.0013	0.0011	0.00015	Scrub
Eucalyptus	Bark	2.2	0.0013	0.0011	0.00015	Scrub
Eucalyptus	Branches	2.2	0.0013	0.0011	0.00015	Scrub
Catechu	Leaves	2.2	0.00085	0.00068	9.54E-05	Scrub
Catechu	Twigs	2.2	0.00073	0.00058	8.18E-05	Scrub
Catechu	Bark	2.2	0.00073	0.00058	8.18E-05	Scrub
Catechu	Branches	2.2	0.00073	0.00058	8.18E-05	Scrub
Bamboo	Leaves	2.2	0.00011	9.11E-05	1.28E-05	Scrub
Total		68.5	81.8	65.4	9.2	

Taluk level Residue-wise Data for Sagbara ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.9	0.92	0.74	0.10	Dense Forest
Others	Twigs	1.9	0.79	0.63	0.089	Dense Forest
Others	Bark	1.9	0.79	0.63	0.089	Dense Forest
Others	Branches	1.9	0.79	0.63	0.089	Dense Forest
Teak	Leaves	1.9	0.087	0.070	0.0098	Dense Forest
Teak	Twigs	1.9	0.075	0.060	0.0084	Dense Forest
Teak	Bark	1.9	0.075	0.060	0.0084	Dense Forest
Teak	Branches	1.9	0.075	0.060	0.0084	Dense Forest
Bamboo	Stalk	1.9	0.018	0.014	0.0020	Dense Forest
Eucalyptus	Leaves	1.9	0.0093	0.0074	0.0010	Dense Forest
Eucalyptus	Twigs	1.9	0.0079	0.0063	0.00089	Dense Forest
Eucalyptus	Bark	1.9	0.0079	0.0063	0.00089	Dense Forest
Eucalyptus	Branches	1.9	0.0079	0.0063	0.00089	Dense Forest
Catechu	Leaves	1.9	0.0051	0.0041	0.00058	Dense Forest
Others	Leaves	0.065	0.0045	0.0036	0.00051	Scrub
Catechu	Twigs	1.9	0.0044	0.0035	0.00049	Dense Forest
Catechu	Bark	1.9	0.0044	0.0035	0.00049	Dense Forest
Catechu	Branches	1.9	0.0044	0.0035	0.00049	Dense Forest
Others	Twigs	0.065	0.0039	0.0031	0.00043	Scrub
Others	Bark	0.065	0.0039	0.0031	0.00043	Scrub
Others	Branches	0.065	0.0039	0.0031	0.00043	Scrub
Others	Leaves	0.0066	0.0011	0.00091	0.00013	Open Forest
Others	Twigs	0.0066	0.00098	0.00078	0.00011	Open Forest
Others	Bark	0.0066	0.00098	0.00078	0.00011	Open Forest
Others	Branches	0.0066	0.00098	0.00078	0.00011	Open Forest
Bamboo	Leaves	1.9	0.00069	0.00055	7.70E-05	Dense Forest
Teak	Leaves	0.065	0.00043	0.00034	4.80E-05	Scrub
Teak	Twigs	0.065	0.00037	0.00029	4.11E-05	Scrub
Teak	Bark	0.065	0.00037	0.00029	4.11E-05	Scrub
Teak	Branches	0.065	0.00037	0.00029	4.11E-05	Scrub
Teak	Leaves	0.0066	0.00011	8.64E-05	1.21E-05	Open Forest
Teak	Twigs	0.0066	9.26E-05	7.41E-05	1.04E-05	Open Forest
Teak	Bark	0.0066	9.26E-05	7.41E-05	1.04E-05	Open Forest
Teak	Branches	0.0066	9.26E-05	7.41E-05	1.04E-05	Open Forest
Bamboo	Stalk	0.065	8.66E-05	6.93E-05	9.70E-06	Scrub
Eucalyptus	Leaves	0.065	4.54E-05	3.63E-05	5.08E-06	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Twigs	0.065	3.89E-05	3.11E-05	4.36E-06	Scrub
Eucalyptus	Bark	0.065	3.89E-05	3.11E-05	4.36E-06	Scrub
Eucalyptus	Branches	0.065	3.89E-05	3.11E-05	4.36E-06	Scrub
Catechu	Leaves	0.065	2.52E-05	2.02E-05	2.82E-06	Scrub
Bamboo	Stalk	0.0066	2.18E-05	1.75E-05	2.45E-06	Open Forest
Catechu	Bark	0.065	2.16E-05	1.73E-05	2.42E-06	Scrub
Catechu	Branches	0.065	2.16E-05	1.73E-05	2.42E-06	Scrub
Catechu	Twigs	0.065	2.16E-05	1.73E-05	2.42E-06	Scrub
Eucalyptus	Leaves	0.0066	1.14E-05	9.15E-06	1.28E-06	Open Forest
Eucalyptus	Twigs	0.0066	9.80E-06	7.84E-06	1.10E-06	Open Forest
Eucalyptus	Bark	0.0066	9.80E-06	7.84E-06	1.10E-06	Open Forest
Eucalyptus	Branches	0.0066	9.80E-06	7.84E-06	1.10E-06	Open Forest
Catechu	Leaves	0.0066	6.35E-06	5.08E-06	7.12E-07	Open Forest
Catechu	Twigs	0.0066	5.45E-06	4.36E-06	6.10E-07	Open Forest
Catechu	Bark	0.0066	5.45E-06	4.36E-06	6.10E-07	Open Forest
Catechu	Branches	0.0066	5.45E-06	4.36E-06	6.10E-07	Open Forest
Bamboo	Leaves	0.065	3.37E-06	2.70E-06	3.77E-07	Scrub
Bamboo	Leaves	0.0066	8.49E-07	6.79E-07	9.51E-08	Open Forest
Total		2.0	3.7	3.0	0.41	

Taluk level Residue-wise Data for Tilakwada ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.17	0.029	0.023	0.0032	Open Forest
Others	Twigs	0.17	0.025	0.020	0.0028	Open Forest
Others	Bark	0.17	0.025	0.020	0.0028	Open Forest
Others	Branches	0.17	0.025	0.020	0.0028	Open Forest
Teak	Leaves	0.17	0.0028	0.0022	0.00031	Open Forest
Teak	Twigs	0.17	0.0024	0.0019	0.00026	Open Forest
Teak	Bark	0.17	0.0024	0.0019	0.00026	Open Forest
Teak	Branches	0.17	0.0024	0.0019	0.00026	Open Forest
Bamboo	Stalk	0.17	0.00056	0.00045	6.23E-05	Open Forest
Eucalyptus	Leaves	0.17	0.00029	0.00023	3.26E-05	Open Forest
Eucalyptus	Twigs	0.17	0.00025	0.00020	2.80E-05	Open Forest
Eucalyptus	Bark	0.17	0.00025	0.00020	2.80E-05	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Branches	0.17	0.00025	0.00020	2.80E-05	Open Forest
Catechu	Leaves	0.17	0.00016	0.00013	1.81E-05	Open Forest
Catechu	Twigs	0.17	0.00014	0.00011	1.55E-05	Open Forest
Catechu	Bark	0.17	0.00014	0.00011	1.55E-05	Open Forest
Catechu	Branches	0.17	0.00014	0.00011	1.55E-05	Open Forest
Bamboo	Leaves	0.17	2.16E-05	1.73E-05	2.42E-06	Open Forest
Total		0.17	0.12	0.092	0.013	

Taluk level Residue-wise Data for Chikhli ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.1	0.076	0.061	0.0085	Scrub
Others	Twigs	1.1	0.065	0.052	0.0073	Scrub
Others	Bark	1.1	0.065	0.052	0.0073	Scrub
Others	Branches	1.1	0.065	0.052	0.0073	Scrub
Others	Leaves	0.064	0.031	0.025	0.0035	Dense Forest
Others	Twigs	0.064	0.026	0.021	0.0030	Dense Forest
Others	Bark	0.064	0.026	0.021	0.0030	Dense Forest
Others	Branches	0.064	0.026	0.021	0.0030	Dense Forest
Teak	Leaves	1.1	0.0072	0.0058	0.00081	Scrub
Teak	Twigs	1.1	0.0062	0.0049	0.00069	Scrub
Teak	Bark	1.1	0.0062	0.0049	0.00069	Scrub
Teak	Branches	1.1	0.0062	0.0049	0.00069	Scrub
Teak	Leaves	0.064	0.0029	0.0023	0.00033	Dense Forest
Teak	Twigs	0.064	0.0025	0.0020	0.00028	Dense Forest
Teak	Bark	0.064	0.0025	0.0020	0.00028	Dense Forest
Teak	Branches	0.064	0.0025	0.0020	0.00028	Dense Forest
Bamboo	Stalk	1.1	0.0015	0.0012	0.00016	Scrub
Others	Leaves	0.0051	0.00088	0.00071	9.89E-05	Open Forest
Eucalyptus	Leaves	1.1	0.00076	0.00061	8.53E-05	Scrub
Others	Bark	0.0051	0.00076	0.00061	8.47E-05	Open Forest
Others	Branches	0.0051	0.00076	0.00061	8.47E-05	Open Forest
Others	Twigs	0.0051	0.00076	0.00061	8.47E-05	Open Forest
Eucalyptus	Twigs	1.1	0.00065	0.00052	7.31E-05	Scrub
Eucalyptus	Bark	1.1	0.00065	0.00052	7.31E-05	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Branches	1.1	0.00065	0.00052	7.31E-05	Scrub
Bamboo	Stalk	0.064	0.00059	0.00047	6.63E-05	Dense Forest
Catechu	Leaves	1.1	0.00042	0.00034	4.74E-05	Scrub
Catechu	Twigs	1.1	0.00036	0.00029	4.06E-05	Scrub
Catechu	Bark	1.1	0.00036	0.00029	4.06E-05	Scrub
Catechu	Branches	1.1	0.00036	0.00029	4.06E-05	Scrub
Eucalyptus	Leaves	0.064	0.00031	0.00025	3.47E-05	Dense Forest
Eucalyptus	Twigs	0.064	0.00027	0.00021	2.98E-05	Dense Forest
Eucalyptus	Bark	0.064	0.00027	0.00021	2.98E-05	Dense Forest
Eucalyptus	Branches	0.064	0.00027	0.00021	2.98E-05	Dense Forest
Catechu	Leaves	0.064	0.00017	0.00014	1.93E-05	Dense Forest
Catechu	Twigs	0.064	0.00015	0.00012	1.65E-05	Dense Forest
Catechu	Bark	0.064	0.00015	0.00012	1.65E-05	Dense Forest
Catechu	Branches	0.064	0.00015	0.00012	1.65E-05	Dense Forest
Teak	Leaves	0.0051	8.37E-05	6.70E-05	9.38E-06	Open Forest
Teak	Twigs	0.0051	7.18E-05	5.74E-05	8.04E-06	Open Forest
Teak	Bark	0.0051	7.18E-05	5.74E-05	8.04E-06	Open Forest
Teak	Branches	0.0051	7.18E-05	5.74E-05	8.04E-06	Open Forest
Bamboo	Leaves	1.1	5.66E-05	4.53E-05	6.34E-06	Scrub
Bamboo	Leaves	0.064	2.30E-05	1.84E-05	2.58E-06	Dense Forest
Bamboo	Stalk	0.0051	1.69E-05	1.35E-05	1.90E-06	Open Forest
Eucalyptus	Leaves	0.0051	8.87E-06	7.09E-06	9.93E-07	Open Forest
Eucalyptus	Twigs	0.0051	7.60E-06	6.08E-06	8.51E-07	Open Forest
Eucalyptus	Bark	0.0051	7.60E-06	6.08E-06	8.51E-07	Open Forest
Eucalyptus	Branches	0.0051	7.60E-06	6.08E-06	8.51E-07	Open Forest
Catechu	Leaves	0.0051	4.93E-06	3.94E-06	5.52E-07	Open Forest
Catechu	Twigs	0.0051	4.22E-06	3.38E-06	4.73E-07	Open Forest
Catechu	Bark	0.0051	4.22E-06	3.38E-06	4.73E-07	Open Forest
Catechu	Branches	0.0051	4.22E-06	3.38E-06	4.73E-07	Open Forest
Bamboo	Leaves	0.0051	6.59E-07	5.27E-07	7.38E-08	Open Forest
Total		1.2	0.43	0.34	0.048	

Taluk level Residue-wise Data for Vandsa ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	10.7	5.2	4.2	0.58	Dense Forest
Others	Twigs	10.7	4.5	3.6	0.50	Dense Forest
Others	Bark	10.7	4.5	3.6	0.50	Dense Forest
Others	Branches	10.7	4.5	3.6	0.50	Dense Forest
Others	Leaves	17.3	1.2	0.96	0.13	Scrub
Others	Twigs	17.3	1.0	0.82	0.12	Scrub
Others	Bark	17.3	1.0	0.82	0.12	Scrub
Others	Branches	17.3	1.0	0.82	0.12	Scrub
Teak	Leaves	10.7	0.49	0.39	0.055	Dense Forest
Teak	Twigs	10.7	0.42	0.34	0.047	Dense Forest
Teak	Bark	10.7	0.42	0.34	0.047	Dense Forest
Teak	Branches	10.7	0.42	0.34	0.047	Dense Forest
Teak	Leaves	17.3	0.11	0.091	0.013	Scrub
Others	Leaves	0.58	0.10	0.081	0.011	Open Forest
Bamboo	Stalk	10.7	0.100	0.080	0.011	Dense Forest
Teak	Twigs	17.3	0.098	0.078	0.011	Scrub
Teak	Bark	17.3	0.098	0.078	0.011	Scrub
Teak	Branches	17.3	0.098	0.078	0.011	Scrub
Others	Twigs	0.58	0.087	0.069	0.0097	Open Forest
Others	Bark	0.58	0.087	0.069	0.0097	Open Forest
Others	Branches	0.58	0.087	0.069	0.0097	Open Forest
Eucalyptus	Leaves	10.7	0.052	0.042	0.0058	Dense Forest
Eucalyptus	Twigs	10.7	0.045	0.036	0.0050	Dense Forest
Eucalyptus	Bark	10.7	0.045	0.036	0.0050	Dense Forest
Eucalyptus	Branches	10.7	0.045	0.036	0.0050	Dense Forest
Catechu	Leaves	10.7	0.029	0.023	0.0032	Dense Forest
Catechu	Twigs	10.7	0.025	0.020	0.0028	Dense Forest
Catechu	Bark	10.7	0.025	0.020	0.0028	Dense Forest
Catechu	Branches	10.7	0.025	0.020	0.0028	Dense Forest
Bamboo	Stalk	17.3	0.023	0.018	0.0026	Scrub
Eucalyptus	Leaves	17.3	0.012	0.0097	0.0014	Scrub
Eucalyptus	Twigs	17.3	0.010	0.0083	0.0012	Scrub
Eucalyptus	Bark	17.3	0.010	0.0083	0.0012	Scrub
Eucalyptus	Branches	17.3	0.010	0.0083	0.0012	Scrub
Teak	Leaves	0.58	0.0096	0.0077	0.0011	Open Forest
Teak	Twigs	0.58	0.0082	0.0066	0.00092	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Bark	0.58	0.0082	0.0066	0.00092	Open Forest
Teak	Branches	0.58	0.0082	0.0066	0.00092	Open Forest
Catechu	Leaves	17.3	0.0067	0.0054	0.00075	Scrub
Catechu	Twigs	17.3	0.0057	0.0046	0.00064	Scrub
Catechu	Bark	17.3	0.0057	0.0046	0.00064	Scrub
Catechu	Branches	17.3	0.0057	0.0046	0.00064	Scrub
Bamboo	Leaves	10.7	0.0039	0.0031	0.00043	Dense Forest
Bamboo	Stalk	0.58	0.0019	0.0016	0.00022	Open Forest
Eucalyptus	Leaves	0.58	0.0010	0.00081	0.00011	Open Forest
Bamboo	Leaves	17.3	0.00090	0.00072	0.00010	Scrub
Eucalyptus	Twigs	0.58	0.00087	0.00070	9.77E-05	Open Forest
Eucalyptus	Bark	0.58	0.00087	0.00070	9.77E-05	Open Forest
Eucalyptus	Branches	0.58	0.00087	0.00070	9.77E-05	Open Forest
Catechu	Leaves	0.58	0.00057	0.00045	6.33E-05	Open Forest
Catechu	Twigs	0.58	0.00048	0.00039	5.43E-05	Open Forest
Catechu	Bark	0.58	0.00048	0.00039	5.43E-05	Open Forest
Catechu	Branches	0.58	0.00048	0.00039	5.43E-05	Open Forest
Bamboo	Leaves	0.58	7.56E-05	6.05E-05	8.47E-06	Open Forest
Total		28.6	25.9	20.7	2.9	

Taluk level Residue-wise Data for Godhara ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	7.6	3.7	2.4	0.34	Dense Forest
Others	Twigs	7.6	3.1	2.1	0.29	Dense Forest
Others	Bark	7.6	3.1	2.1	0.29	Dense Forest
Others	Branches	7.6	3.1	2.1	0.29	Dense Forest
Teak	Leaves	7.6	0.35	0.23	0.032	Dense Forest
Teak	Twigs	7.6	0.30	0.20	0.028	Dense Forest
Teak	Bark	7.6	0.30	0.20	0.028	Dense Forest
Teak	Branches	7.6	0.30	0.20	0.028	Dense Forest
Others	Leaves	2.3	0.16	0.11	0.015	Scrub
Others	Leaves	0.80	0.14	0.091	0.013	Open Forest
Others	Bark	2.3	0.14	0.091	0.013	Scrub
Others	Branches	2.3	0.14	0.091	0.013	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Twigs	2.3	0.14	0.091	0.013	Scrub
Others	Twigs	0.80	0.12	0.078	0.011	Open Forest
Others	Bark	0.80	0.12	0.078	0.011	Open Forest
Others	Branches	0.80	0.12	0.078	0.011	Open Forest
Bamboo	Stalk	7.6	0.070	0.047	0.0065	Dense Forest
Eucalyptus	Leaves	7.6	0.037	0.024	0.0034	Dense Forest
Eucalyptus	Twigs	7.6	0.032	0.021	0.0029	Dense Forest
Eucalyptus	Bark	7.6	0.032	0.021	0.0029	Dense Forest
Eucalyptus	Branches	7.6	0.032	0.021	0.0029	Dense Forest
Catechu	Leaves	7.6	0.020	0.014	0.0019	Dense Forest
Catechu	Twigs	7.6	0.018	0.012	0.0016	Dense Forest
Catechu	Bark	7.6	0.018	0.012	0.0016	Dense Forest
Catechu	Branches	7.6	0.018	0.012	0.0016	Dense Forest
Teak	Leaves	2.3	0.015	0.010	0.0014	Scrub
Teak	Leaves	0.80	0.013	0.0086	0.0012	Open Forest
Teak	Bark	2.3	0.013	0.0086	0.0012	Scrub
Teak	Branches	2.3	0.013	0.0086	0.0012	Scrub
Teak	Twigs	2.3	0.013	0.0086	0.0012	Scrub
Teak	Twigs	0.80	0.011	0.0074	0.0010	Open Forest
Teak	Bark	0.80	0.011	0.0074	0.0010	Open Forest
Teak	Branches	0.80	0.011	0.0074	0.0010	Open Forest
Bamboo	Stalk	2.3	0.0031	0.0020	0.00028	Scrub
Bamboo	Leaves	7.6	0.0027	0.0018	0.00025	Dense Forest
Bamboo	Stalk	0.80	0.0026	0.0017	0.00024	Open Forest
Eucalyptus	Leaves	2.3	0.0016	0.0011	0.00015	Scrub
Eucalyptus	Leaves	0.80	0.0014	0.00091	0.00013	Open Forest
Eucalyptus	Bark	2.3	0.0014	0.00091	0.00013	Scrub
Eucalyptus	Branches	2.3	0.0014	0.00091	0.00013	Scrub
Eucalyptus	Twigs	2.3	0.0014	0.00091	0.00013	Scrub
Eucalyptus	Twigs	0.80	0.0012	0.00078	0.00011	Open Forest
Eucalyptus	Bark	0.80	0.0012	0.00078	0.00011	Open Forest
Eucalyptus	Branches	0.80	0.0012	0.00078	0.00011	Open Forest
Catechu	Leaves	2.3	0.00089	0.00059	8.27E-05	Scrub
Catechu	Leaves	0.80	0.00077	0.00051	7.12E-05	Open Forest
Catechu	Bark	2.3	0.00077	0.00051	7.09E-05	Scrub
Catechu	Branches	2.3	0.00077	0.00051	7.09E-05	Scrub
Catechu	Twigs	2.3	0.00077	0.00051	7.09E-05	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Twigs	0.80	0.00066	0.00044	6.10E-05	Open Forest
Catechu	Bark	0.80	0.00066	0.00044	6.10E-05	Open Forest
Catechu	Branches	0.80	0.00066	0.00044	6.10E-05	Open Forest
Bamboo	Leaves	2.3	0.00012	7.90E-05	1.11E-05	Scrub
Bamboo	Leaves	0.80	0.00010	6.80E-05	9.51E-06	Open Forest
Total		10.7	15.8	10.5	1.5	

Taluk level Residue-wise Data for Halol ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	9.6	4.7	3.1	0.43	Dense Forest
Others	Twigs	9.6	4.0	2.6	0.37	Dense Forest
Others	Bark	9.6	4.0	2.6	0.37	Dense Forest
Others	Branches	9.6	4.0	2.6	0.37	Dense Forest
Teak	Leaves	9.6	0.44	0.29	0.041	Dense Forest
Teak	Twigs	9.6	0.38	0.25	0.035	Dense Forest
Teak	Bark	9.6	0.38	0.25	0.035	Dense Forest
Teak	Branches	9.6	0.38	0.25	0.035	Dense Forest
Others	Leaves	1.5	0.26	0.17	0.024	Open Forest
Others	Twigs	1.5	0.23	0.15	0.021	Open Forest
Others	Bark	1.5	0.23	0.15	0.021	Open Forest
Others	Branches	1.5	0.23	0.15	0.021	Open Forest
Bamboo	Stalk	9.6	0.089	0.059	0.0083	Dense Forest
Eucalyptus	Leaves	9.6	0.047	0.031	0.0043	Dense Forest
Eucalyptus	Twigs	9.6	0.040	0.027	0.0037	Dense Forest
Eucalyptus	Bark	9.6	0.040	0.027	0.0037	Dense Forest
Eucalyptus	Branches	9.6	0.040	0.027	0.0037	Dense Forest
Others	Leaves	0.42	0.029	0.019	0.0027	Scrub
Catechu	Leaves	9.6	0.026	0.017	0.0024	Dense Forest
Others	Twigs	0.42	0.025	0.017	0.0023	Scrub
Others	Bark	0.42	0.025	0.017	0.0023	Scrub
Others	Branches	0.42	0.025	0.017	0.0023	Scrub
Teak	Leaves	1.5	0.025	0.016	0.0023	Open Forest
Catechu	Twigs	9.6	0.022	0.015	0.0021	Dense Forest
Catechu	Bark	9.6	0.022	0.015	0.0021	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Branches	9.6	0.022	0.015	0.0021	Dense Forest
Teak	Twigs	1.5	0.021	0.014	0.0020	Open Forest
Teak	Bark	1.5	0.021	0.014	0.0020	Open Forest
Teak	Branches	1.5	0.021	0.014	0.0020	Open Forest
Bamboo	Stalk	1.5	0.0050	0.0033	0.00047	Open Forest
Bamboo	Leaves	9.6	0.0035	0.0023	0.00032	Dense Forest
Teak	Leaves	0.42	0.0028	0.0018	0.00026	Scrub
Eucalyptus	Leaves	1.5	0.0026	0.0017	0.00024	Open Forest
Teak	Twigs	0.42	0.0024	0.0016	0.00022	Scrub
Teak	Bark	0.42	0.0024	0.0016	0.00022	Scrub
Teak	Branches	0.42	0.0024	0.0016	0.00022	Scrub
Eucalyptus	Twigs	1.5	0.0023	0.0015	0.00021	Open Forest
Eucalyptus	Bark	1.5	0.0023	0.0015	0.00021	Open Forest
Eucalyptus	Branches	1.5	0.0023	0.0015	0.00021	Open Forest
Catechu	Leaves	1.5	0.0015	0.00097	0.00014	Open Forest
Catechu	Twigs	1.5	0.0013	0.00083	0.00012	Open Forest
Catechu	Bark	1.5	0.0013	0.00083	0.00012	Open Forest
Catechu	Branches	1.5	0.0013	0.00083	0.00012	Open Forest
Bamboo	Stalk	0.42	0.00056	0.00037	5.22E-05	Scrub
Eucalyptus	Leaves	0.42	0.00030	0.00020	2.73E-05	Scrub
Eucalyptus	Twigs	0.42	0.00025	0.00017	2.34E-05	Scrub
Eucalyptus	Bark	0.42	0.00025	0.00017	2.34E-05	Scrub
Eucalyptus	Branches	0.42	0.00025	0.00017	2.34E-05	Scrub
Bamboo	Leaves	1.5	0.00020	0.00013	1.81E-05	Open Forest
Catechu	Leaves	0.42	0.00016	0.00011	1.52E-05	Scrub
Catechu	Twigs	0.42	0.00014	9.29E-05	1.30E-05	Scrub
Catechu	Bark	0.42	0.00014	9.29E-05	1.30E-05	Scrub
Catechu	Branches	0.42	0.00014	9.29E-05	1.30E-05	Scrub
Bamboo	Leaves	0.42	2.19E-05	1.45E-05	2.03E-06	Scrub
Total		11.6	19.8	13.1	1.8	

Taluk level Residue-wise Data for Jambughoda ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	6.0	2.9	1.9	0.27	Dense Forest
Others	Twigs	6.0	2.5	1.6	0.23	Dense Forest
Others	Bark	6.0	2.5	1.6	0.23	Dense Forest
Others	Branches	6.0	2.5	1.6	0.23	Dense Forest
Others	Leaves	4.2	0.73	0.48	0.067	Open Forest
Others	Twigs	4.2	0.62	0.41	0.058	Open Forest
Others	Bark	4.2	0.62	0.41	0.058	Open Forest
Others	Branches	4.2	0.62	0.41	0.058	Open Forest
Teak	Leaves	6.0	0.28	0.18	0.026	Dense Forest
Teak	Twigs	6.0	0.24	0.16	0.022	Dense Forest
Teak	Bark	6.0	0.24	0.16	0.022	Dense Forest
Teak	Branches	6.0	0.24	0.16	0.022	Dense Forest
Teak	Leaves	4.2	0.069	0.046	0.0064	Open Forest
Teak	Twigs	4.2	0.059	0.039	0.0055	Open Forest
Teak	Bark	4.2	0.059	0.039	0.0055	Open Forest
Teak	Branches	4.2	0.059	0.039	0.0055	Open Forest
Bamboo	Stalk	6.0	0.056	0.037	0.0052	Dense Forest
Eucalyptus	Leaves	6.0	0.029	0.019	0.0027	Dense Forest
Eucalyptus	Twigs	6.0	0.025	0.017	0.0023	Dense Forest
Eucalyptus	Bark	6.0	0.025	0.017	0.0023	Dense Forest
Eucalyptus	Branches	6.0	0.025	0.017	0.0023	Dense Forest
Catechu	Leaves	6.0	0.016	0.011	0.0015	Dense Forest
Bamboo	Stalk	4.2	0.014	0.0092	0.0013	Open Forest
Catechu	Bark	6.0	0.014	0.0092	0.0013	Dense Forest
Catechu	Branches	6.0	0.014	0.0092	0.0013	Dense Forest
Catechu	Twigs	6.0	0.014	0.0092	0.0013	Dense Forest
Others	Leaves	0.11	0.0076	0.0050	0.00071	Scrub
Eucalyptus	Leaves	4.2	0.0073	0.0048	0.00068	Open Forest
Others	Twigs	0.11	0.0065	0.0043	0.00060	Scrub
Others	Bark	0.11	0.0065	0.0043	0.00060	Scrub
Others	Branches	0.11	0.0065	0.0043	0.00060	Scrub
Eucalyptus	Twigs	4.2	0.0063	0.0041	0.00058	Open Forest
Eucalyptus	Bark	4.2	0.0063	0.0041	0.00058	Open Forest
Eucalyptus	Branches	4.2	0.0063	0.0041	0.00058	Open Forest
Catechu	Leaves	4.2	0.0041	0.0027	0.00038	Open Forest
Catechu	Twigs	4.2	0.0035	0.0023	0.00032	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Bark	4.2	0.0035	0.0023	0.00032	Open Forest
Catechu	Branches	4.2	0.0035	0.0023	0.00032	Open Forest
Bamboo	Leaves	6.0	0.0022	0.0014	0.00020	Dense Forest
Teak	Leaves	0.11	0.00072	0.00048	6.69E-05	Scrub
Teak	Twigs	0.11	0.00062	0.00041	5.73E-05	Scrub
Teak	Bark	0.11	0.00062	0.00041	5.73E-05	Scrub
Teak	Branches	0.11	0.00062	0.00041	5.73E-05	Scrub
Bamboo	Leaves	4.2	0.00054	0.00036	5.03E-05	Open Forest
Bamboo	Stalk	0.11	0.00015	9.66E-05	1.35E-05	Scrub
Eucalyptus	Leaves	0.11	7.65E-05	5.06E-05	7.08E-06	Scrub
Eucalyptus	Twigs	0.11	6.56E-05	4.34E-05	6.07E-06	Scrub
Eucalyptus	Bark	0.11	6.56E-05	4.34E-05	6.07E-06	Scrub
Eucalyptus	Branches	0.11	6.56E-05	4.34E-05	6.07E-06	Scrub
Catechu	Leaves	0.11	4.25E-05	2.81E-05	3.93E-06	Scrub
Catechu	Twigs	0.11	3.64E-05	2.41E-05	3.37E-06	Scrub
Catechu	Bark	0.11	3.64E-05	2.41E-05	3.37E-06	Scrub
Catechu	Branches	0.11	3.64E-05	2.41E-05	3.37E-06	Scrub
Bamboo	Leaves	0.11	5.68E-06	3.76E-06	5.26E-07	Scrub
Total		10.3	14.5	9.6	1.3	

Taluk level Residue-wise Data for Kadana ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	14.7	7.2	4.7	0.66	Dense Forest
Others	Twigs	14.7	6.1	4.1	0.57	Dense Forest
Others	Bark	14.7	6.1	4.1	0.57	Dense Forest
Others	Branches	14.7	6.1	4.1	0.57	Dense Forest
Others	Leaves	8.5	1.5	0.98	0.14	Open Forest
Others	Twigs	8.5	1.3	0.84	0.12	Open Forest
Others	Bark	8.5	1.3	0.84	0.12	Open Forest
Others	Branches	8.5	1.3	0.84	0.12	Open Forest
Teak	Leaves	14.7	0.68	0.45	0.063	Dense Forest
Teak	Twigs	14.7	0.58	0.38	0.054	Dense Forest
Teak	Bark	14.7	0.58	0.38	0.054	Dense Forest
Teak	Branches	14.7	0.58	0.38	0.054	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Leaves	8.5	0.14	0.093	0.013	Open Forest
Bamboo	Stalk	14.7	0.14	0.091	0.013	Dense Forest
Teak	Twigs	8.5	0.12	0.080	0.011	Open Forest
Teak	Bark	8.5	0.12	0.080	0.011	Open Forest
Teak	Branches	8.5	0.12	0.080	0.011	Open Forest
Eucalyptus	Leaves	14.7	0.072	0.048	0.0067	Dense Forest
Eucalyptus	Twigs	14.7	0.062	0.041	0.0057	Dense Forest
Eucalyptus	Bark	14.7	0.062	0.041	0.0057	Dense Forest
Eucalyptus	Branches	14.7	0.062	0.041	0.0057	Dense Forest
Others	Leaves	0.80	0.056	0.037	0.0051	Scrub
Others	Twigs	0.80	0.048	0.032	0.0044	Scrub
Others	Bark	0.80	0.048	0.032	0.0044	Scrub
Others	Branches	0.80	0.048	0.032	0.0044	Scrub
Catechu	Leaves	14.7	0.040	0.026	0.0037	Dense Forest
Catechu	Twigs	14.7	0.034	0.023	0.0032	Dense Forest
Catechu	Bark	14.7	0.034	0.023	0.0032	Dense Forest
Catechu	Branches	14.7	0.034	0.023	0.0032	Dense Forest
Bamboo	Stalk	8.5	0.028	0.019	0.0026	Open Forest
Eucalyptus	Leaves	8.5	0.015	0.0098	0.0014	Open Forest
Eucalyptus	Twigs	8.5	0.013	0.0084	0.0012	Open Forest
Eucalyptus	Bark	8.5	0.013	0.0084	0.0012	Open Forest
Eucalyptus	Branches	8.5	0.013	0.0084	0.0012	Open Forest
Catechu	Leaves	8.5	0.0083	0.0055	0.00076	Open Forest
Catechu	Twigs	8.5	0.0071	0.0047	0.00066	Open Forest
Catechu	Bark	8.5	0.0071	0.0047	0.00066	Open Forest
Catechu	Branches	8.5	0.0071	0.0047	0.00066	Open Forest
Bamboo	Leaves	14.7	0.0053	0.0035	0.00049	Dense Forest
Teak	Leaves	0.80	0.0053	0.0035	0.00049	Scrub
Teak	Twigs	0.80	0.0045	0.0030	0.00042	Scrub
Teak	Bark	0.80	0.0045	0.0030	0.00042	Scrub
Teak	Branches	0.80	0.0045	0.0030	0.00042	Scrub
Bamboo	Leaves	8.5	0.0011	0.00073	0.00010	Open Forest
Bamboo	Stalk	0.80	0.0011	0.00071	9.87E-05	Scrub
Eucalyptus	Leaves	0.80	0.00056	0.00037	5.17E-05	Scrub
Eucalyptus	Twigs	0.80	0.00048	0.00032	4.43E-05	Scrub
Eucalyptus	Bark	0.80	0.00048	0.00032	4.43E-05	Scrub
Eucalyptus	Branches	0.80	0.00048	0.00032	4.43E-05	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Leaves	0.80	0.00031	0.00021	2.87E-05	Scrub
Catechu	Twigs	0.80	0.00027	0.00018	2.46E-05	Scrub
Catechu	Bark	0.80	0.00027	0.00018	2.46E-05	Scrub
Catechu	Branches	0.80	0.00027	0.00018	2.46E-05	Scrub
Bamboo	Leaves	0.80	4.15E-05	2.74E-05	3.84E-06	Scrub
Total		24.1	34.6	22.9	3.2	

Taluk level Residue-wise Data for Kalol(Panchmahals) ; Biomass Class : Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	3.6	1.8	1.2	0.16	Dense Forest
Others	Twigs	3.6	1.5	0.99	0.14	Dense Forest
Others	Bark	3.6	1.5	0.99	0.14	Dense Forest
Others	Branches	3.6	1.5	0.99	0.14	Dense Forest
Teak	Leaves	3.6	0.17	0.11	0.015	Dense Forest
Teak	Twigs	3.6	0.14	0.094	0.013	Dense Forest
Teak	Bark	3.6	0.14	0.094	0.013	Dense Forest
Teak	Branches	3.6	0.14	0.094	0.013	Dense Forest
Bamboo	Stalk	3.6	0.034	0.022	0.0031	Dense Forest
Eucalyptus	Leaves	3.6	0.018	0.012	0.0016	Dense Forest
Eucalyptus	Twigs	3.6	0.015	0.0100	0.0014	Dense Forest
Eucalyptus	Bark	3.6	0.015	0.0100	0.0014	Dense Forest
Eucalyptus	Branches	3.6	0.015	0.0100	0.0014	Dense Forest
Others	Leaves	0.059	0.010	0.0068	0.00095	Open Forest
Catechu	Leaves	3.6	0.0098	0.0065	0.00091	Dense Forest
Others	Twigs	0.059	0.0088	0.0058	0.00081	Open Forest
Others	Bark	0.059	0.0088	0.0058	0.00081	Open Forest
Others	Branches	0.059	0.0088	0.0058	0.00081	Open Forest
Catechu	Twigs	3.6	0.0084	0.0055	0.00078	Dense Forest
Catechu	Bark	3.6	0.0084	0.0055	0.00078	Dense Forest
Catechu	Branches	3.6	0.0084	0.0055	0.00078	Dense Forest
Bamboo	Leaves	3.6	0.0013	0.00086	0.00012	Dense Forest
Teak	Leaves	0.059	0.00097	0.00064	9.00E-05	Open Forest
Teak	Twigs	0.059	0.00083	0.00055	7.72E-05	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Bark	0.059	0.00083	0.00055	7.72E-05	Open Forest
Teak	Branches	0.059	0.00083	0.00055	7.72E-05	Open Forest
Bamboo	Stalk	0.059	0.00020	0.00013	1.82E-05	Open Forest
Eucalyptus	Leaves	0.059	0.00010	6.81E-05	9.53E-06	Open Forest
Eucalyptus	Twigs	0.059	8.83E-05	5.84E-05	8.17E-06	Open Forest
Eucalyptus	Bark	0.059	8.83E-05	5.84E-05	8.17E-06	Open Forest
Eucalyptus	Branches	0.059	8.83E-05	5.84E-05	8.17E-06	Open Forest
Catechu	Leaves	0.059	5.72E-05	3.78E-05	5.30E-06	Open Forest
Catechu	Twigs	0.059	4.90E-05	3.24E-05	4.54E-06	Open Forest
Catechu	Bark	0.059	4.90E-05	3.24E-05	4.54E-06	Open Forest
Catechu	Branches	0.059	4.90E-05	3.24E-05	4.54E-06	Open Forest
Bamboo	Leaves	0.059	7.65E-06	5.06E-06	7.08E-07	Open Forest
Total		3.7	7.0	4.6	0.65	

Taluk level Residue-wise Data for Khanpur ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	14.1	6.9	4.5	0.63	Dense Forest
Others	Twigs	14.1	5.9	3.9	0.54	Dense Forest
Others	Bark	14.1	5.9	3.9	0.54	Dense Forest
Others	Branches	14.1	5.9	3.9	0.54	Dense Forest
Teak	Leaves	14.1	0.65	0.43	0.060	Dense Forest
Teak	Twigs	14.1	0.56	0.37	0.052	Dense Forest
Teak	Bark	14.1	0.56	0.37	0.052	Dense Forest
Teak	Branches	14.1	0.56	0.37	0.052	Dense Forest
Bamboo	Stalk	14.1	0.13	0.087	0.012	Dense Forest
Eucalyptus	Leaves	14.1	0.069	0.046	0.0064	Dense Forest
Eucalyptus	Twigs	14.1	0.059	0.039	0.0055	Dense Forest
Eucalyptus	Bark	14.1	0.059	0.039	0.0055	Dense Forest
Eucalyptus	Branches	14.1	0.059	0.039	0.0055	Dense Forest
Catechu	Leaves	14.1	0.038	0.025	0.0035	Dense Forest
Catechu	Twigs	14.1	0.033	0.022	0.0030	Dense Forest
Catechu	Bark	14.1	0.033	0.022	0.0030	Dense Forest
Catechu	Branches	14.1	0.033	0.022	0.0030	Dense Forest
Others	Leaves	0.057	0.0098	0.0065	0.00091	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Twigs	0.057	0.0084	0.0056	0.00078	Open Forest
Others	Bark	0.057	0.0084	0.0056	0.00078	Open Forest
Others	Branches	0.057	0.0084	0.0056	0.00078	Open Forest
Bamboo	Leaves	14.1	0.0051	0.0034	0.00047	Dense Forest
Teak	Leaves	0.057	0.00093	0.00061	8.61E-05	Open Forest
Teak	Twigs	0.057	0.00080	0.00053	7.38E-05	Open Forest
Teak	Bark	0.057	0.00080	0.00053	7.38E-05	Open Forest
Teak	Branches	0.057	0.00080	0.00053	7.38E-05	Open Forest
Bamboo	Stalk	0.057	0.00019	0.00012	1.74E-05	Open Forest
Eucalyptus	Leaves	0.057	9.85E-05	6.51E-05	9.12E-06	Open Forest
Eucalyptus	Twigs	0.057	8.44E-05	5.58E-05	7.81E-06	Open Forest
Eucalyptus	Bark	0.057	8.44E-05	5.58E-05	7.81E-06	Open Forest
Eucalyptus	Branches	0.057	8.44E-05	5.58E-05	7.81E-06	Open Forest
Catechu	Leaves	0.057	5.47E-05	3.62E-05	5.06E-06	Open Forest
Catechu	Twigs	0.057	4.69E-05	3.10E-05	4.34E-06	Open Forest
Catechu	Bark	0.057	4.69E-05	3.10E-05	4.34E-06	Open Forest
Catechu	Branches	0.057	4.69E-05	3.10E-05	4.34E-06	Open Forest
Bamboo	Leaves	0.057	7.32E-06	4.84E-06	6.77E-07	Open Forest
Total		14.2	27.4	18.1	2.5	

Taluk level Residue-wise Data for Lunawada ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	3.0	1.5	0.97	0.14	Dense Forest
Others	Twigs	3.0	1.3	0.83	0.12	Dense Forest
Others	Bark	3.0	1.3	0.83	0.12	Dense Forest
Others	Branches	3.0	1.3	0.83	0.12	Dense Forest
Others	Leaves	3.3	0.23	0.15	0.021	Scrub
Others	Twigs	3.3	0.20	0.13	0.018	Scrub
Others	Bark	3.3	0.20	0.13	0.018	Scrub
Others	Branches	3.3	0.20	0.13	0.018	Scrub
Teak	Leaves	3.0	0.14	0.092	0.013	Dense Forest
Teak	Twigs	3.0	0.12	0.079	0.011	Dense Forest
Teak	Bark	3.0	0.12	0.079	0.011	Dense Forest
Teak	Branches	3.0	0.12	0.079	0.011	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Bamboo	Stalk	3.0	0.028	0.019	0.0026	Dense Forest
Teak	Leaves	3.3	0.022	0.014	0.0020	Scrub
Teak	Twigs	3.3	0.019	0.012	0.0017	Scrub
Teak	Bark	3.3	0.019	0.012	0.0017	Scrub
Teak	Branches	3.3	0.019	0.012	0.0017	Scrub
Others	Leaves	0.10	0.018	0.012	0.0017	Open Forest
Others	Twigs	0.10	0.016	0.010	0.0014	Open Forest
Others	Bark	0.10	0.016	0.010	0.0014	Open Forest
Others	Branches	0.10	0.016	0.010	0.0014	Open Forest
Eucalyptus	Leaves	3.0	0.015	0.0098	0.0014	Dense Forest
Eucalyptus	Twigs	3.0	0.013	0.0084	0.0012	Dense Forest
Eucalyptus	Bark	3.0	0.013	0.0084	0.0012	Dense Forest
Eucalyptus	Branches	3.0	0.013	0.0084	0.0012	Dense Forest
Catechu	Leaves	3.0	0.0082	0.0054	0.00076	Dense Forest
Catechu	Twigs	3.0	0.0070	0.0046	0.00065	Dense Forest
Catechu	Bark	3.0	0.0070	0.0046	0.00065	Dense Forest
Catechu	Branches	3.0	0.0070	0.0046	0.00065	Dense Forest
Bamboo	Stalk	3.3	0.0044	0.0029	0.00041	Scrub
Eucalyptus	Leaves	3.3	0.0023	0.0015	0.00021	Scrub
Eucalyptus	Twigs	3.3	0.0020	0.0013	0.00018	Scrub
Eucalyptus	Bark	3.3	0.0020	0.0013	0.00018	Scrub
Eucalyptus	Branches	3.3	0.0020	0.0013	0.00018	Scrub
Teak	Leaves	0.10	0.0017	0.0011	0.00016	Open Forest
Teak	Twigs	0.10	0.0015	0.00098	0.00014	Open Forest
Teak	Bark	0.10	0.0015	0.00098	0.00014	Open Forest
Teak	Branches	0.10	0.0015	0.00098	0.00014	Open Forest
Catechu	Leaves	3.3	0.0013	0.00085	0.00012	Scrub
Catechu	Twigs	3.3	0.0011	0.00073	0.00010	Scrub
Catechu	Bark	3.3	0.0011	0.00073	0.00010	Scrub
Catechu	Branches	3.3	0.0011	0.00073	0.00010	Scrub
Bamboo	Leaves	3.0	0.0011	0.00072	0.00010	Dense Forest
Bamboo	Stalk	0.10	0.00035	0.00023	3.23E-05	Open Forest
Eucalyptus	Leaves	0.10	0.00018	0.00012	1.69E-05	Open Forest
Bamboo	Leaves	3.3	0.00017	0.00011	1.59E-05	Scrub
Eucalyptus	Twigs	0.10	0.00016	0.00010	1.45E-05	Open Forest
Eucalyptus	Bark	0.10	0.00016	0.00010	1.45E-05	Open Forest
Eucalyptus	Branches	0.10	0.00016	0.00010	1.45E-05	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Leaves	0.10	0.00010	6.70E-05	9.39E-06	Open Forest
Catechu	Twigs	0.10	8.69E-05	5.75E-05	8.05E-06	Open Forest
Catechu	Bark	0.10	8.69E-05	5.75E-05	8.05E-06	Open Forest
Catechu	Branches	0.10	8.69E-05	5.75E-05	8.05E-06	Open Forest
Bamboo	Leaves	0.10	1.36E-05	8.96E-06	1.25E-06	Open Forest
Total		6.5	6.8	4.5	0.63	

Taluk level Residue-wise Data for Morva ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.4	1.2	0.77	0.11	Dense Forest
Others	Twigs	2.4	1.00	0.66	0.092	Dense Forest
Others	Bark	2.4	1.00	0.66	0.092	Dense Forest
Others	Branches	2.4	1.00	0.66	0.092	Dense Forest
Others	Leaves	0.97	0.17	0.11	0.015	Open Forest
Others	Twigs	0.97	0.14	0.095	0.013	Open Forest
Others	Bark	0.97	0.14	0.095	0.013	Open Forest
Others	Branches	0.97	0.14	0.095	0.013	Open Forest
Teak	Leaves	2.4	0.11	0.073	0.010	Dense Forest
Teak	Twigs	2.4	0.095	0.063	0.0088	Dense Forest
Teak	Bark	2.4	0.095	0.063	0.0088	Dense Forest
Teak	Branches	2.4	0.095	0.063	0.0088	Dense Forest
Bamboo	Stalk	2.4	0.022	0.015	0.0021	Dense Forest
Teak	Leaves	0.97	0.016	0.010	0.0015	Open Forest
Teak	Twigs	0.97	0.014	0.0090	0.0013	Open Forest
Teak	Bark	0.97	0.014	0.0090	0.0013	Open Forest
Teak	Branches	0.97	0.014	0.0090	0.0013	Open Forest
Eucalyptus	Leaves	2.4	0.012	0.0077	0.0011	Dense Forest
Eucalyptus	Twigs	2.4	0.010	0.0066	0.00093	Dense Forest
Eucalyptus	Bark	2.4	0.010	0.0066	0.00093	Dense Forest
Eucalyptus	Branches	2.4	0.010	0.0066	0.00093	Dense Forest
Catechu	Leaves	2.4	0.0065	0.0043	0.00060	Dense Forest
Catechu	Twigs	2.4	0.0056	0.0037	0.00052	Dense Forest
Catechu	Bark	2.4	0.0056	0.0037	0.00052	Dense Forest
Catechu	Branches	2.4	0.0056	0.0037	0.00052	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Bamboo	Stalk	0.97	0.0032	0.0021	0.00030	Open Forest
Eucalyptus	Leaves	0.97	0.0017	0.0011	0.00016	Open Forest
Eucalyptus	Twigs	0.97	0.0014	0.00095	0.00013	Open Forest
Eucalyptus	Bark	0.97	0.0014	0.00095	0.00013	Open Forest
Eucalyptus	Branches	0.97	0.0014	0.00095	0.00013	Open Forest
Others	Leaves	0.020	0.0014	0.00092	0.00013	Scrub
Others	Twigs	0.020	0.0012	0.00079	0.00011	Scrub
Others	Bark	0.020	0.0012	0.00079	0.00011	Scrub
Others	Branches	0.020	0.0012	0.00079	0.00011	Scrub
Catechu	Leaves	0.97	0.00093	0.00062	8.64E-05	Open Forest
Bamboo	Leaves	2.4	0.00087	0.00057	8.04E-05	Dense Forest
Catechu	Twigs	0.97	0.00080	0.00053	7.41E-05	Open Forest
Catechu	Bark	0.97	0.00080	0.00053	7.41E-05	Open Forest
Catechu	Branches	0.97	0.00080	0.00053	7.41E-05	Open Forest
Teak	Leaves	0.020	0.00013	8.77E-05	1.23E-05	Scrub
Bamboo	Leaves	0.97	0.00012	8.25E-05	1.16E-05	Open Forest
Teak	Twigs	0.020	0.00011	7.52E-05	1.05E-05	Scrub
Teak	Bark	0.020	0.00011	7.52E-05	1.05E-05	Scrub
Teak	Branches	0.020	0.00011	7.52E-05	1.05E-05	Scrub
Bamboo	Stalk	0.020	2.68E-05	1.77E-05	2.48E-06	Scrub
Eucalyptus	Leaves	0.020	1.41E-05	9.29E-06	1.30E-06	Scrub
Eucalyptus	Twigs	0.020	1.20E-05	7.96E-06	1.11E-06	Scrub
Eucalyptus	Bark	0.020	1.20E-05	7.96E-06	1.11E-06	Scrub
Eucalyptus	Branches	0.020	1.20E-05	7.96E-06	1.11E-06	Scrub
Catechu	Leaves	0.020	7.81E-06	5.16E-06	7.22E-07	Scrub
Catechu	Twigs	0.020	6.69E-06	4.42E-06	6.19E-07	Scrub
Catechu	Bark	0.020	6.69E-06	4.42E-06	6.19E-07	Scrub
Catechu	Branches	0.020	6.69E-06	4.42E-06	6.19E-07	Scrub
Bamboo	Leaves	0.020	1.04E-06	6.90E-07	9.66E-08	Scrub
Total		3.4	5.3	3.5	0.49	

Taluk level Residue-wise Data for Santrampur ; Biomass Class : Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	5.9	1.0	0.68	0.095	Open Forest
Others	Twigs	5.9	0.88	0.58	0.082	Open Forest
Others	Bark	5.9	0.88	0.58	0.082	Open Forest
Others	Branches	5.9	0.88	0.58	0.082	Open Forest
Teak	Leaves	5.9	0.098	0.065	0.0090	Open Forest
Teak	Twigs	5.9	0.084	0.055	0.0078	Open Forest
Teak	Bark	5.9	0.084	0.055	0.0078	Open Forest
Teak	Branches	5.9	0.084	0.055	0.0078	Open Forest
Others	Leaves	0.98	0.068	0.045	0.0063	Scrub
Others	Twigs	0.98	0.058	0.038	0.0054	Scrub
Others	Bark	0.98	0.058	0.038	0.0054	Scrub
Others	Branches	0.98	0.058	0.038	0.0054	Scrub
Others	Leaves	0.064	0.031	0.020	0.0029	Dense Forest
Others	Twigs	0.064	0.026	0.017	0.0024	Dense Forest
Others	Bark	0.064	0.026	0.017	0.0024	Dense Forest
Others	Branches	0.064	0.026	0.017	0.0024	Dense Forest
Bamboo	Stalk	5.9	0.020	0.013	0.0018	Open Forest
Eucalyptus	Leaves	5.9	0.010	0.0068	0.00096	Open Forest
Eucalyptus	Twigs	5.9	0.0089	0.0059	0.00082	Open Forest
Eucalyptus	Bark	5.9	0.0089	0.0059	0.00082	Open Forest
Eucalyptus	Branches	5.9	0.0089	0.0059	0.00082	Open Forest
Teak	Leaves	0.98	0.0064	0.0042	0.00059	Scrub
Catechu	Leaves	5.9	0.0058	0.0038	0.00053	Open Forest
Teak	Twigs	0.98	0.0055	0.0036	0.00051	Scrub
Teak	Bark	0.98	0.0055	0.0036	0.00051	Scrub
Teak	Branches	0.98	0.0055	0.0036	0.00051	Scrub
Catechu	Twigs	5.9	0.0049	0.0033	0.00046	Open Forest
Catechu	Bark	5.9	0.0049	0.0033	0.00046	Open Forest
Catechu	Branches	5.9	0.0049	0.0033	0.00046	Open Forest
Teak	Leaves	0.064	0.0029	0.0019	0.00027	Dense Forest
Teak	Twigs	0.064	0.0025	0.0017	0.00023	Dense Forest
Teak	Bark	0.064	0.0025	0.0017	0.00023	Dense Forest
Teak	Branches	0.064	0.0025	0.0017	0.00023	Dense Forest
Bamboo	Stalk	0.98	0.0013	0.00086	0.00012	Scrub
Bamboo	Leaves	5.9	0.00077	0.00051	7.12E-05	Open Forest
Eucalyptus	Leaves	0.98	0.00068	0.00045	6.29E-05	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Bamboo	Stalk	0.064	0.00059	0.00039	5.48E-05	Dense Forest
Eucalyptus	Twigs	0.98	0.00058	0.00039	5.39E-05	Scrub
Eucalyptus	Bark	0.98	0.00058	0.00039	5.39E-05	Scrub
Eucalyptus	Branches	0.98	0.00058	0.00039	5.39E-05	Scrub
Catechu	Leaves	0.98	0.00038	0.00025	3.50E-05	Scrub
Catechu	Twigs	0.98	0.00032	0.00021	3.00E-05	Scrub
Catechu	Bark	0.98	0.00032	0.00021	3.00E-05	Scrub
Catechu	Branches	0.98	0.00032	0.00021	3.00E-05	Scrub
Eucalyptus	Leaves	0.064	0.00031	0.00020	2.87E-05	Dense Forest
Eucalyptus	Twigs	0.064	0.00027	0.00018	2.46E-05	Dense Forest
Eucalyptus	Bark	0.064	0.00027	0.00018	2.46E-05	Dense Forest
Eucalyptus	Branches	0.064	0.00027	0.00018	2.46E-05	Dense Forest
Catechu	Leaves	0.064	0.00017	0.00011	1.59E-05	Dense Forest
Catechu	Twigs	0.064	0.00015	9.76E-05	1.37E-05	Dense Forest
Catechu	Bark	0.064	0.00015	9.76E-05	1.37E-05	Dense Forest
Catechu	Branches	0.064	0.00015	9.76E-05	1.37E-05	Dense Forest
Bamboo	Leaves	0.98	5.05E-05	3.34E-05	4.67E-06	Scrub
Bamboo	Leaves	0.064	2.30E-05	1.52E-05	2.13E-06	Dense Forest
Total		7.0	4.5	3.0	0.42	

Taluk level Residue-wise Data for Shahera ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	6.4	3.1	2.0	0.29	Dense Forest
Others	Twigs	6.4	2.7	1.8	0.25	Dense Forest
Others	Bark	6.4	2.7	1.8	0.25	Dense Forest
Others	Branches	6.4	2.7	1.8	0.25	Dense Forest
Others	Leaves	5.2	0.90	0.60	0.084	Open Forest
Others	Twigs	5.2	0.77	0.51	0.072	Open Forest
Others	Bark	5.2	0.77	0.51	0.072	Open Forest
Others	Branches	5.2	0.77	0.51	0.072	Open Forest
Others	Leaves	5.3	0.36	0.24	0.034	Scrub
Others	Twigs	5.3	0.31	0.21	0.029	Scrub
Others	Bark	5.3	0.31	0.21	0.029	Scrub
Others	Branches	5.3	0.31	0.21	0.029	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Leaves	6.4	0.29	0.19	0.027	Dense Forest
Teak	Twigs	6.4	0.25	0.17	0.023	Dense Forest
Teak	Bark	6.4	0.25	0.17	0.023	Dense Forest
Teak	Branches	6.4	0.25	0.17	0.023	Dense Forest
Teak	Leaves	5.2	0.086	0.057	0.0079	Open Forest
Teak	Twigs	5.2	0.073	0.049	0.0068	Open Forest
Teak	Bark	5.2	0.073	0.049	0.0068	Open Forest
Teak	Branches	5.2	0.073	0.049	0.0068	Open Forest
Bamboo	Stalk	6.4	0.059	0.039	0.0055	Dense Forest
Teak	Leaves	5.3	0.035	0.023	0.0032	Scrub
Eucalyptus	Leaves	6.4	0.031	0.021	0.0029	Dense Forest
Teak	Twigs	5.3	0.030	0.020	0.0027	Scrub
Teak	Bark	5.3	0.030	0.020	0.0027	Scrub
Teak	Branches	5.3	0.030	0.020	0.0027	Scrub
Eucalyptus	Twigs	6.4	0.027	0.018	0.0025	Dense Forest
Eucalyptus	Bark	6.4	0.027	0.018	0.0025	Dense Forest
Eucalyptus	Branches	6.4	0.027	0.018	0.0025	Dense Forest
Bamboo	Stalk	5.2	0.017	0.011	0.0016	Open Forest
Catechu	Leaves	6.4	0.017	0.011	0.0016	Dense Forest
Catechu	Twigs	6.4	0.015	0.0098	0.0014	Dense Forest
Catechu	Bark	6.4	0.015	0.0098	0.0014	Dense Forest
Catechu	Branches	6.4	0.015	0.0098	0.0014	Dense Forest
Eucalyptus	Leaves	5.2	0.0091	0.0060	0.00084	Open Forest
Eucalyptus	Twigs	5.2	0.0078	0.0051	0.00072	Open Forest
Eucalyptus	Bark	5.2	0.0078	0.0051	0.00072	Open Forest
Eucalyptus	Branches	5.2	0.0078	0.0051	0.00072	Open Forest
Bamboo	Stalk	5.3	0.0070	0.0046	0.00065	Scrub
Catechu	Leaves	5.2	0.0050	0.0033	0.00047	Open Forest
Catechu	Twigs	5.2	0.0043	0.0029	0.00040	Open Forest
Catechu	Bark	5.2	0.0043	0.0029	0.00040	Open Forest
Catechu	Branches	5.2	0.0043	0.0029	0.00040	Open Forest
Eucalyptus	Leaves	5.3	0.0037	0.0024	0.00034	Scrub
Eucalyptus	Twigs	5.3	0.0031	0.0021	0.00029	Scrub
Eucalyptus	Bark	5.3	0.0031	0.0021	0.00029	Scrub
Eucalyptus	Branches	5.3	0.0031	0.0021	0.00029	Scrub
Bamboo	Leaves	6.4	0.0023	0.0015	0.00021	Dense Forest
Catechu	Leaves	5.3	0.0020	0.0013	0.00019	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Twigs	5.3	0.0017	0.0012	0.00016	Scrub
Catechu	Bark	5.3	0.0017	0.0012	0.00016	Scrub
Catechu	Branches	5.3	0.0017	0.0012	0.00016	Scrub
Bamboo	Leaves	5.2	0.00067	0.00045	6.24E-05	Open Forest
Bamboo	Leaves	5.3	0.00027	0.00018	2.52E-05	Scrub
Total		16.9	17.4	11.5	1.6	

Taluk level Residue-wise Data for Porbandar ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.7	1.3	1.1	0.15	Dense Forest
Others	Twigs	2.7	1.1	0.90	0.13	Dense Forest
Others	Bark	2.7	1.1	0.90	0.13	Dense Forest
Others	Branches	2.7	1.1	0.90	0.13	Dense Forest
Others	Leaves	1.7	0.29	0.23	0.032	Open Forest
Others	Twigs	1.7	0.25	0.20	0.028	Open Forest
Others	Bark	1.7	0.25	0.20	0.028	Open Forest
Others	Branches	1.7	0.25	0.20	0.028	Open Forest
Teak	Leaves	2.7	0.13	0.10	0.014	Dense Forest
Teak	Twigs	2.7	0.11	0.086	0.012	Dense Forest
Teak	Bark	2.7	0.11	0.086	0.012	Dense Forest
Teak	Branches	2.7	0.11	0.086	0.012	Dense Forest
Others	Leaves	0.46	0.032	0.025	0.0036	Scrub
Teak	Leaves	1.7	0.027	0.022	0.0031	Open Forest
Others	Twigs	0.46	0.027	0.022	0.0030	Scrub
Others	Bark	0.46	0.027	0.022	0.0030	Scrub
Others	Branches	0.46	0.027	0.022	0.0030	Scrub
Bamboo	Stalk	2.7	0.025	0.020	0.0028	Dense Forest
Teak	Bark	1.7	0.023	0.019	0.0026	Open Forest
Teak	Branches	1.7	0.023	0.019	0.0026	Open Forest
Teak	Twigs	1.7	0.023	0.019	0.0026	Open Forest
Eucalyptus	Leaves	2.7	0.013	0.011	0.0015	Dense Forest
Eucalyptus	Twigs	2.7	0.011	0.0091	0.0013	Dense Forest
Eucalyptus	Bark	2.7	0.011	0.0091	0.0013	Dense Forest
Eucalyptus	Branches	2.7	0.011	0.0091	0.0013	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Leaves	2.7	0.0074	0.0059	0.00082	Dense Forest
Catechu	Twigs	2.7	0.0063	0.0050	0.00071	Dense Forest
Catechu	Bark	2.7	0.0063	0.0050	0.00071	Dense Forest
Catechu	Branches	2.7	0.0063	0.0050	0.00071	Dense Forest
Bamboo	Stalk	1.7	0.0055	0.0044	0.00062	Open Forest
Teak	Leaves	0.46	0.0030	0.0024	0.00034	Scrub
Eucalyptus	Leaves	1.7	0.0029	0.0023	0.00032	Open Forest
Teak	Twigs	0.46	0.0026	0.0021	0.00029	Scrub
Teak	Bark	0.46	0.0026	0.0021	0.00029	Scrub
Teak	Branches	0.46	0.0026	0.0021	0.00029	Scrub
Eucalyptus	Twigs	1.7	0.0025	0.0020	0.00028	Open Forest
Eucalyptus	Bark	1.7	0.0025	0.0020	0.00028	Open Forest
Eucalyptus	Branches	1.7	0.0025	0.0020	0.00028	Open Forest
Catechu	Leaves	1.7	0.0016	0.0013	0.00018	Open Forest
Catechu	Twigs	1.7	0.0014	0.0011	0.00015	Open Forest
Catechu	Bark	1.7	0.0014	0.0011	0.00015	Open Forest
Catechu	Branches	1.7	0.0014	0.0011	0.00015	Open Forest
Bamboo	Leaves	2.7	0.00098	0.00079	0.00011	Dense Forest
Bamboo	Stalk	0.46	0.00061	0.00049	6.82E-05	Scrub
Eucalyptus	Leaves	0.46	0.00032	0.00026	3.57E-05	Scrub
Eucalyptus	Twigs	0.46	0.00027	0.00022	3.06E-05	Scrub
Eucalyptus	Bark	0.46	0.00027	0.00022	3.06E-05	Scrub
Eucalyptus	Branches	0.46	0.00027	0.00022	3.06E-05	Scrub
Bamboo	Leaves	1.7	0.00021	0.00017	2.40E-05	Open Forest
Catechu	Leaves	0.46	0.00018	0.00014	1.98E-05	Scrub
Catechu	Twigs	0.46	0.00015	0.00012	1.70E-05	Scrub
Catechu	Bark	0.46	0.00015	0.00012	1.70E-05	Scrub
Catechu	Branches	0.46	0.00015	0.00012	1.70E-05	Scrub
Bamboo	Leaves	0.46	2.37E-05	1.90E-05	2.65E-06	Scrub
Total		4.8	6.5	5.2	0.73	

Taluk level Residue-wise Data for Ranavav ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	9.0	4.4	3.5	0.49	Dense Forest
Others	Twigs	9.0	3.7	3.0	0.42	Dense Forest
Others	Bark	9.0	3.7	3.0	0.42	Dense Forest
Others	Branches	9.0	3.7	3.0	0.42	Dense Forest
Teak	Leaves	9.0	0.41	0.33	0.046	Dense Forest
Teak	Twigs	9.0	0.35	0.28	0.040	Dense Forest
Teak	Bark	9.0	0.35	0.28	0.040	Dense Forest
Teak	Branches	9.0	0.35	0.28	0.040	Dense Forest
Others	Leaves	1.1	0.20	0.16	0.022	Open Forest
Others	Twigs	1.1	0.17	0.13	0.019	Open Forest
Others	Bark	1.1	0.17	0.13	0.019	Open Forest
Others	Branches	1.1	0.17	0.13	0.019	Open Forest
Bamboo	Stalk	9.0	0.083	0.067	0.0093	Dense Forest
Eucalyptus	Leaves	9.0	0.044	0.035	0.0049	Dense Forest
Eucalyptus	Twigs	9.0	0.037	0.030	0.0042	Dense Forest
Eucalyptus	Bark	9.0	0.037	0.030	0.0042	Dense Forest
Eucalyptus	Branches	9.0	0.037	0.030	0.0042	Dense Forest
Catechu	Leaves	9.0	0.024	0.019	0.0027	Dense Forest
Catechu	Twigs	9.0	0.021	0.017	0.0023	Dense Forest
Catechu	Bark	9.0	0.021	0.017	0.0023	Dense Forest
Catechu	Branches	9.0	0.021	0.017	0.0023	Dense Forest
Teak	Leaves	1.1	0.019	0.015	0.0021	Open Forest
Teak	Twigs	1.1	0.016	0.013	0.0018	Open Forest
Teak	Bark	1.1	0.016	0.013	0.0018	Open Forest
Teak	Branches	1.1	0.016	0.013	0.0018	Open Forest
Bamboo	Stalk	1.1	0.0038	0.0030	0.00042	Open Forest
Bamboo	Leaves	9.0	0.0032	0.0026	0.00036	Dense Forest
Eucalyptus	Leaves	1.1	0.0020	0.0016	0.00022	Open Forest
Eucalyptus	Twigs	1.1	0.0017	0.0013	0.00019	Open Forest
Eucalyptus	Bark	1.1	0.0017	0.0013	0.00019	Open Forest
Eucalyptus	Branches	1.1	0.0017	0.0013	0.00019	Open Forest
Catechu	Leaves	1.1	0.0011	0.00087	0.00012	Open Forest
Catechu	Twigs	1.1	0.00094	0.00075	0.00010	Open Forest
Catechu	Bark	1.1	0.00094	0.00075	0.00010	Open Forest
Catechu	Branches	1.1	0.00094	0.00075	0.00010	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Bamboo	Leaves	1.1	0.00015	0.00012	1.64E-05	Open Forest
Total		10.1	18.1	14.5	2.0	

Taluk level Residue-wise Data for Dhoraji ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.50	0.24	0.16	0.023	Dense Forest
Others	Twigs	0.50	0.21	0.14	0.019	Dense Forest
Others	Bark	0.50	0.21	0.14	0.019	Dense Forest
Others	Branches	0.50	0.21	0.14	0.019	Dense Forest
Others	Leaves	0.34	0.024	0.016	0.0022	Scrub
Teak	Leaves	0.50	0.023	0.015	0.0021	Dense Forest
Others	Twigs	0.34	0.020	0.013	0.0019	Scrub
Others	Bark	0.34	0.020	0.013	0.0019	Scrub
Others	Branches	0.34	0.020	0.013	0.0019	Scrub
Teak	Bark	0.50	0.020	0.013	0.0018	Dense Forest
Teak	Branches	0.50	0.020	0.013	0.0018	Dense Forest
Teak	Twigs	0.50	0.020	0.013	0.0018	Dense Forest
Bamboo	Stalk	0.50	0.0047	0.0031	0.00043	Dense Forest
Eucalyptus	Leaves	0.50	0.0025	0.0016	0.00023	Dense Forest
Teak	Leaves	0.34	0.0023	0.0015	0.00021	Scrub
Eucalyptus	Twigs	0.50	0.0021	0.0014	0.00019	Dense Forest
Eucalyptus	Bark	0.50	0.0021	0.0014	0.00019	Dense Forest
Eucalyptus	Branches	0.50	0.0021	0.0014	0.00019	Dense Forest
Teak	Bark	0.34	0.0019	0.0013	0.00018	Scrub
Teak	Branches	0.34	0.0019	0.0013	0.00018	Scrub
Teak	Twigs	0.34	0.0019	0.0013	0.00018	Scrub
Catechu	Leaves	0.50	0.0014	0.00090	0.00013	Dense Forest
Catechu	Twigs	0.50	0.0012	0.00077	0.00011	Dense Forest
Catechu	Bark	0.50	0.0012	0.00077	0.00011	Dense Forest
Catechu	Branches	0.50	0.0012	0.00077	0.00011	Dense Forest
Bamboo	Stalk	0.34	0.00046	0.00030	4.23E-05	Scrub
Eucalyptus	Leaves	0.34	0.00024	0.00016	2.21E-05	Scrub
Eucalyptus	Twigs	0.34	0.00021	0.00014	1.90E-05	Scrub
Eucalyptus	Bark	0.34	0.00021	0.00014	1.90E-05	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Branches	0.34	0.00021	0.00014	1.90E-05	Scrub
Bamboo	Leaves	0.50	0.00018	0.00012	1.69E-05	Dense Forest
Catechu	Leaves	0.34	0.00013	8.78E-05	1.23E-05	Scrub
Catechu	Twigs	0.34	0.00011	7.53E-05	1.05E-05	Scrub
Catechu	Bark	0.34	0.00011	7.53E-05	1.05E-05	Scrub
Catechu	Branches	0.34	0.00011	7.53E-05	1.05E-05	Scrub
Bamboo	Leaves	0.34	1.78E-05	1.17E-05	1.64E-06	Scrub
Total		0.85	1.1	0.71	0.099	

Taluk level Residue-wise Data for Jasdan ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.39	0.19	0.13	0.018	Dense Forest
Others	Twigs	0.39	0.16	0.11	0.015	Dense Forest
Others	Bark	0.39	0.16	0.11	0.015	Dense Forest
Others	Branches	0.39	0.16	0.11	0.015	Dense Forest
Others	Leaves	0.33	0.057	0.038	0.0053	Open Forest
Others	Twigs	0.33	0.049	0.032	0.0045	Open Forest
Others	Bark	0.33	0.049	0.032	0.0045	Open Forest
Others	Branches	0.33	0.049	0.032	0.0045	Open Forest
Teak	Leaves	0.39	0.018	0.012	0.0017	Dense Forest
Teak	Twigs	0.39	0.016	0.010	0.0014	Dense Forest
Teak	Bark	0.39	0.016	0.010	0.0014	Dense Forest
Teak	Branches	0.39	0.016	0.010	0.0014	Dense Forest
Others	Leaves	0.21	0.014	0.0096	0.0013	Scrub
Others	Twigs	0.21	0.012	0.0082	0.0011	Scrub
Others	Bark	0.21	0.012	0.0082	0.0011	Scrub
Others	Branches	0.21	0.012	0.0082	0.0011	Scrub
Teak	Leaves	0.33	0.0054	0.0036	0.00050	Open Forest
Teak	Twigs	0.33	0.0046	0.0031	0.00043	Open Forest
Teak	Bark	0.33	0.0046	0.0031	0.00043	Open Forest
Teak	Branches	0.33	0.0046	0.0031	0.00043	Open Forest
Bamboo	Stalk	0.39	0.0037	0.0024	0.00034	Dense Forest
Eucalyptus	Leaves	0.39	0.0019	0.0013	0.00018	Dense Forest
Eucalyptus	Twigs	0.39	0.0016	0.0011	0.00015	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Bark	0.39	0.0016	0.0011	0.00015	Dense Forest
Eucalyptus	Branches	0.39	0.0016	0.0011	0.00015	Dense Forest
Teak	Leaves	0.21	0.0014	0.00091	0.00013	Scrub
Teak	Twigs	0.21	0.0012	0.00078	0.00011	Scrub
Teak	Bark	0.21	0.0012	0.00078	0.00011	Scrub
Teak	Branches	0.21	0.0012	0.00078	0.00011	Scrub
Bamboo	Stalk	0.33	0.0011	0.00072	0.00010	Open Forest
Catechu	Leaves	0.39	0.0011	0.00070	9.86E-05	Dense Forest
Catechu	Twigs	0.39	0.00091	0.00060	8.45E-05	Dense Forest
Catechu	Bark	0.39	0.00091	0.00060	8.45E-05	Dense Forest
Catechu	Branches	0.39	0.00091	0.00060	8.45E-05	Dense Forest
Eucalyptus	Leaves	0.33	0.00057	0.00038	5.29E-05	Open Forest
Eucalyptus	Twigs	0.33	0.00049	0.00032	4.54E-05	Open Forest
Eucalyptus	Bark	0.33	0.00049	0.00032	4.54E-05	Open Forest
Eucalyptus	Branches	0.33	0.00049	0.00032	4.54E-05	Open Forest
Catechu	Leaves	0.33	0.00032	0.00021	2.94E-05	Open Forest
Bamboo	Stalk	0.21	0.00028	0.00018	2.57E-05	Scrub
Catechu	Twigs	0.33	0.00027	0.00018	2.52E-05	Open Forest
Catechu	Bark	0.33	0.00027	0.00018	2.52E-05	Open Forest
Catechu	Branches	0.33	0.00027	0.00018	2.52E-05	Open Forest
Eucalyptus	Leaves	0.21	0.00015	9.60E-05	1.34E-05	Scrub
Bamboo	Leaves	0.39	0.00014	9.42E-05	1.32E-05	Dense Forest
Eucalyptus	Twigs	0.21	0.00012	8.23E-05	1.15E-05	Scrub
Eucalyptus	Bark	0.21	0.00012	8.23E-05	1.15E-05	Scrub
Eucalyptus	Branches	0.21	0.00012	8.23E-05	1.15E-05	Scrub
Catechu	Leaves	0.21	8.07E-05	5.33E-05	7.46E-06	Scrub
Catechu	Twigs	0.21	6.91E-05	4.57E-05	6.40E-06	Scrub
Catechu	Bark	0.21	6.91E-05	4.57E-05	6.40E-06	Scrub
Catechu	Branches	0.21	6.91E-05	4.57E-05	6.40E-06	Scrub
Bamboo	Leaves	0.33	4.25E-05	2.81E-05	3.93E-06	Open Forest
Bamboo	Leaves	0.21	1.08E-05	7.13E-06	9.98E-07	Scrub
Total		0.93	1.0	0.69	0.097	

Taluk level Residue-wise Data for Jetpur ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.0042	0.0020	0.0013	0.00019	Dense Forest
Others	Twigs	0.0042	0.0017	0.0012	0.00016	Dense Forest
Others	Bark	0.0042	0.0017	0.0012	0.00016	Dense Forest
Others	Branches	0.0042	0.0017	0.0012	0.00016	Dense Forest
Teak	Leaves	0.0042	0.00019	0.00013	1.79E-05	Dense Forest
Teak	Twigs	0.0042	0.00017	0.00011	1.54E-05	Dense Forest
Teak	Bark	0.0042	0.00017	0.00011	1.54E-05	Dense Forest
Teak	Branches	0.0042	0.00017	0.00011	1.54E-05	Dense Forest
Bamboo	Stalk	0.0042	3.92E-05	2.59E-05	3.62E-06	Dense Forest
Eucalyptus	Leaves	0.0042	2.05E-05	1.36E-05	1.90E-06	Dense Forest
Eucalyptus	Twigs	0.0042	1.76E-05	1.16E-05	1.63E-06	Dense Forest
Eucalyptus	Bark	0.0042	1.76E-05	1.16E-05	1.63E-06	Dense Forest
Eucalyptus	Branches	0.0042	1.76E-05	1.16E-05	1.63E-06	Dense Forest
Catechu	Leaves	0.0042	1.14E-05	7.53E-06	1.05E-06	Dense Forest
Catechu	Twigs	0.0042	9.76E-06	6.45E-06	9.04E-07	Dense Forest
Catechu	Bark	0.0042	9.76E-06	6.45E-06	9.04E-07	Dense Forest
Catechu	Branches	0.0042	9.76E-06	6.45E-06	9.04E-07	Dense Forest
Bamboo	Leaves	0.0042	1.52E-06	1.01E-06	1.41E-07	Dense Forest
Total		0.0042	0.0081	0.0054	0.00075	

Taluk level Residue-wise Data for Lodhika ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.12	0.056	0.037	0.0052	Dense Forest
Others	Twigs	0.12	0.048	0.032	0.0045	Dense Forest
Others	Bark	0.12	0.048	0.032	0.0045	Dense Forest
Others	Branches	0.12	0.048	0.032	0.0045	Dense Forest
Others	Leaves	0.13	0.023	0.015	0.0022	Open Forest
Others	Twigs	0.13	0.020	0.013	0.0018	Open Forest
Others	Bark	0.13	0.020	0.013	0.0018	Open Forest
Others	Branches	0.13	0.020	0.013	0.0018	Open Forest
Teak	Leaves	0.12	0.0053	0.0035	0.00049	Dense Forest
Teak	Twigs	0.12	0.0046	0.0030	0.00042	Dense Forest
Teak	Bark	0.12	0.0046	0.0030	0.00042	Dense Forest
Teak	Branches	0.12	0.0046	0.0030	0.00042	Dense Forest
Others	Leaves	0.060	0.0042	0.0028	0.00039	Scrub
Others	Twigs	0.060	0.0036	0.0024	0.00033	Scrub
Others	Bark	0.060	0.0036	0.0024	0.00033	Scrub
Others	Branches	0.060	0.0036	0.0024	0.00033	Scrub
Teak	Leaves	0.13	0.0022	0.0015	0.00020	Open Forest
Teak	Twigs	0.13	0.0019	0.0013	0.00018	Open Forest
Teak	Bark	0.13	0.0019	0.0013	0.00018	Open Forest
Teak	Branches	0.13	0.0019	0.0013	0.00018	Open Forest
Bamboo	Stalk	0.12	0.0011	0.00071	9.97E-05	Dense Forest
Eucalyptus	Leaves	0.12	0.00056	0.00037	5.22E-05	Dense Forest
Eucalyptus	Twigs	0.12	0.00048	0.00032	4.47E-05	Dense Forest
Eucalyptus	Bark	0.12	0.00048	0.00032	4.47E-05	Dense Forest
Eucalyptus	Branches	0.12	0.00048	0.00032	4.47E-05	Dense Forest
Bamboo	Stalk	0.13	0.00045	0.00030	4.13E-05	Open Forest
Teak	Leaves	0.060	0.00040	0.00026	3.66E-05	Scrub
Teak	Twigs	0.060	0.00034	0.00022	3.13E-05	Scrub
Teak	Bark	0.060	0.00034	0.00022	3.13E-05	Scrub
Teak	Branches	0.060	0.00034	0.00022	3.13E-05	Scrub
Catechu	Leaves	0.12	0.00031	0.00021	2.90E-05	Dense Forest
Catechu	Twigs	0.12	0.00027	0.00018	2.49E-05	Dense Forest
Catechu	Bark	0.12	0.00027	0.00018	2.49E-05	Dense Forest
Catechu	Branches	0.12	0.00027	0.00018	2.49E-05	Dense Forest
Eucalyptus	Leaves	0.13	0.00023	0.00015	2.16E-05	Open Forest
Eucalyptus	Twigs	0.13	0.00020	0.00013	1.85E-05	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Bark	0.13	0.00020	0.00013	1.85E-05	Open Forest
Eucalyptus	Branches	0.13	0.00020	0.00013	1.85E-05	Open Forest
Catechu	Leaves	0.13	0.00013	8.58E-05	1.20E-05	Open Forest
Catechu	Twigs	0.13	0.00011	7.36E-05	1.03E-05	Open Forest
Catechu	Bark	0.13	0.00011	7.36E-05	1.03E-05	Open Forest
Catechu	Branches	0.13	0.00011	7.36E-05	1.03E-05	Open Forest
Bamboo	Stalk	0.060	7.99E-05	5.28E-05	7.39E-06	Scrub
Bamboo	Leaves	0.12	4.19E-05	2.77E-05	3.88E-06	Dense Forest
Eucalyptus	Leaves	0.060	4.18E-05	2.77E-05	3.87E-06	Scrub
Eucalyptus	Twigs	0.060	3.59E-05	2.37E-05	3.32E-06	Scrub
Eucalyptus	Bark	0.060	3.59E-05	2.37E-05	3.32E-06	Scrub
Eucalyptus	Branches	0.060	3.59E-05	2.37E-05	3.32E-06	Scrub
Catechu	Leaves	0.060	2.32E-05	1.54E-05	2.15E-06	Scrub
Catechu	Twigs	0.060	1.99E-05	1.32E-05	1.84E-06	Scrub
Catechu	Bark	0.060	1.99E-05	1.32E-05	1.84E-06	Scrub
Catechu	Branches	0.060	1.99E-05	1.32E-05	1.84E-06	Scrub
Bamboo	Leaves	0.13	1.74E-05	1.15E-05	1.61E-06	Open Forest
Bamboo	Leaves	0.060	3.11E-06	2.05E-06	2.88E-07	Scrub
Total		0.31	0.33	0.22	0.031	

Taluk level Residue-wise Data for Vankaner ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.4	0.42	0.28	0.039	Open Forest
Others	Twigs	2.4	0.36	0.24	0.033	Open Forest
Others	Bark	2.4	0.36	0.24	0.033	Open Forest
Others	Branches	2.4	0.36	0.24	0.033	Open Forest
Teak	Leaves	2.4	0.040	0.026	0.0037	Open Forest
Teak	Twigs	2.4	0.034	0.022	0.0031	Open Forest
Teak	Bark	2.4	0.034	0.022	0.0031	Open Forest
Teak	Branches	2.4	0.034	0.022	0.0031	Open Forest
Others	Leaves	0.022	0.011	0.0072	0.0010	Dense Forest
Others	Twigs	0.022	0.0093	0.0061	0.00086	Dense Forest
Others	Bark	0.022	0.0093	0.0061	0.00086	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Branches	0.022	0.0093	0.0061	0.00086	Dense Forest
Bamboo	Stalk	2.4	0.0080	0.0053	0.00074	Open Forest
Eucalyptus	Leaves	2.4	0.0042	0.0028	0.00039	Open Forest
Eucalyptus	Twigs	2.4	0.0036	0.0024	0.00033	Open Forest
Eucalyptus	Bark	2.4	0.0036	0.0024	0.00033	Open Forest
Eucalyptus	Branches	2.4	0.0036	0.0024	0.00033	Open Forest
Catechu	Leaves	2.4	0.0023	0.0015	0.00022	Open Forest
Catechu	Twigs	2.4	0.0020	0.0013	0.00019	Open Forest
Catechu	Bark	2.4	0.0020	0.0013	0.00019	Open Forest
Catechu	Branches	2.4	0.0020	0.0013	0.00019	Open Forest
Teak	Leaves	0.022	0.0010	0.00068	9.51E-05	Dense Forest
Teak	Twigs	0.022	0.00088	0.00058	8.15E-05	Dense Forest
Teak	Bark	0.022	0.00088	0.00058	8.15E-05	Dense Forest
Teak	Branches	0.022	0.00088	0.00058	8.15E-05	Dense Forest
Bamboo	Leaves	2.4	0.00031	0.00021	2.89E-05	Open Forest
Bamboo	Stalk	0.022	0.00021	0.00014	1.92E-05	Dense Forest
Others	Leaves	0.0017	0.00012	8.01E-05	1.12E-05	Scrub
Eucalyptus	Leaves	0.022	0.00011	7.19E-05	1.01E-05	Dense Forest
Others	Twigs	0.0017	0.00010	6.86E-05	9.61E-06	Scrub
Others	Bark	0.0017	0.00010	6.86E-05	9.61E-06	Scrub
Others	Branches	0.0017	0.00010	6.86E-05	9.61E-06	Scrub
Eucalyptus	Twigs	0.022	9.33E-05	6.17E-05	8.63E-06	Dense Forest
Eucalyptus	Bark	0.022	9.33E-05	6.17E-05	8.63E-06	Dense Forest
Eucalyptus	Branches	0.022	9.33E-05	6.17E-05	8.63E-06	Dense Forest
Catechu	Leaves	0.022	6.05E-05	4.00E-05	5.59E-06	Dense Forest
Catechu	Twigs	0.022	5.18E-05	3.43E-05	4.80E-06	Dense Forest
Catechu	Bark	0.022	5.18E-05	3.43E-05	4.80E-06	Dense Forest
Catechu	Branches	0.022	5.18E-05	3.43E-05	4.80E-06	Dense Forest
Teak	Leaves	0.0017	1.15E-05	7.60E-06	1.06E-06	Scrub
Teak	Twigs	0.0017	9.85E-06	6.51E-06	9.12E-07	Scrub
Teak	Bark	0.0017	9.85E-06	6.51E-06	9.12E-07	Scrub
Teak	Branches	0.0017	9.85E-06	6.51E-06	9.12E-07	Scrub
Bamboo	Leaves	0.022	8.08E-06	5.34E-06	7.48E-07	Dense Forest
Bamboo	Stalk	0.0017	2.32E-06	1.54E-06	2.15E-07	Scrub
Eucalyptus	Leaves	0.0017	1.22E-06	8.04E-07	1.13E-07	Scrub
Eucalyptus	Twigs	0.0017	1.04E-06	6.90E-07	9.65E-08	Scrub
Eucalyptus	Bark	0.0017	1.04E-06	6.90E-07	9.65E-08	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Branches	0.0017	1.04E-06	6.90E-07	9.65E-08	Scrub
Catechu	Leaves	0.0017	6.76E-07	4.47E-07	6.26E-08	Scrub
Catechu	Twigs	0.0017	5.80E-07	3.83E-07	5.36E-08	Scrub
Catechu	Bark	0.0017	5.80E-07	3.83E-07	5.36E-08	Scrub
Catechu	Branches	0.0017	5.80E-07	3.83E-07	5.36E-08	Scrub
Bamboo	Leaves	0.0017	9.04E-08	5.97E-08	8.36E-09	Scrub
Total		2.4	1.7	1.1	0.16	

Taluk level Residue-wise Data for Bayad ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.37	0.064	0.042	0.0059	Open Forest
Others	Twigs	0.37	0.055	0.036	0.0051	Open Forest
Others	Bark	0.37	0.055	0.036	0.0051	Open Forest
Others	Branches	0.37	0.055	0.036	0.0051	Open Forest
Others	Leaves	0.037	0.018	0.012	0.0017	Dense Forest
Others	Twigs	0.037	0.015	0.010	0.0014	Dense Forest
Others	Bark	0.037	0.015	0.010	0.0014	Dense Forest
Others	Branches	0.037	0.015	0.010	0.0014	Dense Forest
Teak	Leaves	0.37	0.0060	0.0040	0.00056	Open Forest
Teak	Twigs	0.37	0.0052	0.0034	0.00048	Open Forest
Teak	Bark	0.37	0.0052	0.0034	0.00048	Open Forest
Teak	Branches	0.37	0.0052	0.0034	0.00048	Open Forest
Teak	Leaves	0.037	0.0017	0.0011	0.00016	Dense Forest
Teak	Twigs	0.037	0.0015	0.00097	0.00014	Dense Forest
Teak	Bark	0.037	0.0015	0.00097	0.00014	Dense Forest
Teak	Branches	0.037	0.0015	0.00097	0.00014	Dense Forest
Bamboo	Stalk	0.37	0.0012	0.00081	0.00011	Open Forest
Eucalyptus	Leaves	0.37	0.00064	0.00042	5.92E-05	Open Forest
Eucalyptus	Twigs	0.37	0.00055	0.00036	5.08E-05	Open Forest
Eucalyptus	Bark	0.37	0.00055	0.00036	5.08E-05	Open Forest
Eucalyptus	Branches	0.37	0.00055	0.00036	5.08E-05	Open Forest
Catechu	Leaves	0.37	0.00036	0.00024	3.29E-05	Open Forest
Bamboo	Stalk	0.037	0.00034	0.00023	3.19E-05	Dense Forest
Catechu	Bark	0.37	0.00030	0.00020	2.82E-05	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Branches	0.37	0.00030	0.00020	2.82E-05	Open Forest
Catechu	Twigs	0.37	0.00030	0.00020	2.82E-05	Open Forest
Eucalyptus	Leaves	0.037	0.00018	0.00012	1.67E-05	Dense Forest
Eucalyptus	Twigs	0.037	0.00015	0.00010	1.43E-05	Dense Forest
Eucalyptus	Bark	0.037	0.00015	0.00010	1.43E-05	Dense Forest
Eucalyptus	Branches	0.037	0.00015	0.00010	1.43E-05	Dense Forest
Catechu	Leaves	0.037	0.00010	6.63E-05	9.28E-06	Dense Forest
Catechu	Twigs	0.037	8.60E-05	5.68E-05	7.96E-06	Dense Forest
Catechu	Bark	0.037	8.60E-05	5.68E-05	7.96E-06	Dense Forest
Catechu	Branches	0.037	8.60E-05	5.68E-05	7.96E-06	Dense Forest
Bamboo	Leaves	0.37	4.75E-05	3.14E-05	4.40E-06	Open Forest
Bamboo	Leaves	0.037	1.34E-05	8.86E-06	1.24E-06	Dense Forest
Total		0.40	0.33	0.22	0.030	

Taluk level Residue-wise Data for Bhiloda ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.6	1.2	0.82	0.12	Dense Forest
Others	Twigs	2.6	1.1	0.70	0.099	Dense Forest
Others	Bark	2.6	1.1	0.70	0.099	Dense Forest
Others	Branches	2.6	1.1	0.70	0.099	Dense Forest
Others	Leaves	2.6	0.44	0.29	0.041	Open Forest
Others	Twigs	2.6	0.38	0.25	0.035	Open Forest
Others	Bark	2.6	0.38	0.25	0.035	Open Forest
Others	Branches	2.6	0.38	0.25	0.035	Open Forest
Teak	Leaves	2.6	0.12	0.078	0.011	Dense Forest
Others	Leaves	1.7	0.12	0.077	0.011	Scrub
Teak	Bark	2.6	0.10	0.067	0.0094	Dense Forest
Teak	Branches	2.6	0.10	0.067	0.0094	Dense Forest
Teak	Twigs	2.6	0.10	0.067	0.0094	Dense Forest
Others	Twigs	1.7	0.10	0.066	0.0093	Scrub
Others	Bark	1.7	0.10	0.066	0.0093	Scrub
Others	Branches	1.7	0.10	0.066	0.0093	Scrub
Teak	Leaves	2.6	0.042	0.028	0.0039	Open Forest
Teak	Twigs	2.6	0.036	0.024	0.0033	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Bark	2.6	0.036	0.024	0.0033	Open Forest
Teak	Branches	2.6	0.036	0.024	0.0033	Open Forest
Bamboo	Stalk	2.6	0.024	0.016	0.0022	Dense Forest
Eucalyptus	Leaves	2.6	0.012	0.0083	0.0012	Dense Forest
Teak	Leaves	1.7	0.011	0.0073	0.0010	Scrub
Eucalyptus	Twigs	2.6	0.011	0.0071	0.00099	Dense Forest
Eucalyptus	Bark	2.6	0.011	0.0071	0.00099	Dense Forest
Eucalyptus	Branches	2.6	0.011	0.0071	0.00099	Dense Forest
Teak	Twigs	1.7	0.0095	0.0063	0.00088	Scrub
Teak	Bark	1.7	0.0095	0.0063	0.00088	Scrub
Teak	Branches	1.7	0.0095	0.0063	0.00088	Scrub
Bamboo	Stalk	2.6	0.0085	0.0056	0.00079	Open Forest
Catechu	Leaves	2.6	0.0069	0.0046	0.00064	Dense Forest
Catechu	Twigs	2.6	0.0059	0.0039	0.00055	Dense Forest
Catechu	Bark	2.6	0.0059	0.0039	0.00055	Dense Forest
Catechu	Branches	2.6	0.0059	0.0039	0.00055	Dense Forest
Eucalyptus	Leaves	2.6	0.0045	0.0029	0.00041	Open Forest
Eucalyptus	Twigs	2.6	0.0038	0.0025	0.00035	Open Forest
Eucalyptus	Bark	2.6	0.0038	0.0025	0.00035	Open Forest
Eucalyptus	Branches	2.6	0.0038	0.0025	0.00035	Open Forest
Catechu	Leaves	2.6	0.0025	0.0016	0.00023	Open Forest
Bamboo	Stalk	1.7	0.0022	0.0015	0.00021	Scrub
Catechu	Twigs	2.6	0.0021	0.0014	0.00020	Open Forest
Catechu	Bark	2.6	0.0021	0.0014	0.00020	Open Forest
Catechu	Branches	2.6	0.0021	0.0014	0.00020	Open Forest
Eucalyptus	Leaves	1.7	0.0012	0.00078	0.00011	Scrub
Eucalyptus	Twigs	1.7	0.0010	0.00066	9.31E-05	Scrub
Eucalyptus	Bark	1.7	0.0010	0.00066	9.31E-05	Scrub
Eucalyptus	Branches	1.7	0.0010	0.00066	9.31E-05	Scrub
Bamboo	Leaves	2.6	0.00093	0.00061	8.58E-05	Dense Forest
Catechu	Leaves	1.7	0.00065	0.00043	6.03E-05	Scrub
Catechu	Twigs	1.7	0.00056	0.00037	5.17E-05	Scrub
Catechu	Bark	1.7	0.00056	0.00037	5.17E-05	Scrub
Catechu	Branches	1.7	0.00056	0.00037	5.17E-05	Scrub
Bamboo	Leaves	2.6	0.00033	0.00022	3.06E-05	Open Forest
Bamboo	Leaves	1.7	8.72E-05	5.76E-05	8.07E-06	Scrub
Total		6.8	7.2	4.7	0.66	

Taluk level Residue-wise Data for Dhansura ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.077	0.013	0.0089	0.0012	Open Forest
Others	Twigs	0.077	0.012	0.0076	0.0011	Open Forest
Others	Bark	0.077	0.012	0.0076	0.0011	Open Forest
Others	Branches	0.077	0.012	0.0076	0.0011	Open Forest
Teak	Leaves	0.077	0.0013	0.00084	0.00012	Open Forest
Teak	Twigs	0.077	0.0011	0.00072	0.00010	Open Forest
Teak	Bark	0.077	0.0011	0.00072	0.00010	Open Forest
Teak	Branches	0.077	0.0011	0.00072	0.00010	Open Forest
Bamboo	Stalk	0.077	0.00026	0.00017	2.38E-05	Open Forest
Eucalyptus	Leaves	0.077	0.00013	8.91E-05	1.25E-05	Open Forest
Eucalyptus	Twigs	0.077	0.00012	7.64E-05	1.07E-05	Open Forest
Eucalyptus	Bark	0.077	0.00012	7.64E-05	1.07E-05	Open Forest
Eucalyptus	Branches	0.077	0.00012	7.64E-05	1.07E-05	Open Forest
Catechu	Leaves	0.077	7.49E-05	4.95E-05	6.93E-06	Open Forest
Catechu	Twigs	0.077	6.42E-05	4.24E-05	5.94E-06	Open Forest
Catechu	Bark	0.077	6.42E-05	4.24E-05	5.94E-06	Open Forest
Catechu	Branches	0.077	6.42E-05	4.24E-05	5.94E-06	Open Forest
Bamboo	Leaves	0.077	1.00E-05	6.62E-06	9.26E-07	Open Forest
Total		0.077	0.053	0.035	0.0049	

Taluk level Residue-wise Data for Himatnagar ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.4	0.68	0.45	0.062	Dense Forest
Others	Twigs	1.4	0.58	0.38	0.054	Dense Forest
Others	Bark	1.4	0.58	0.38	0.054	Dense Forest
Others	Branches	1.4	0.58	0.38	0.054	Dense Forest
Others	Leaves	1.1	0.20	0.13	0.018	Open Forest
Others	Twigs	1.1	0.17	0.11	0.016	Open Forest
Others	Bark	1.1	0.17	0.11	0.016	Open Forest
Others	Branches	1.1	0.17	0.11	0.016	Open Forest
Others	Leaves	1.1	0.078	0.052	0.0072	Scrub
Others	Twigs	1.1	0.067	0.044	0.0062	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Bark	1.1	0.067	0.044	0.0062	Scrub
Others	Branches	1.1	0.067	0.044	0.0062	Scrub
Teak	Leaves	1.4	0.064	0.042	0.0059	Dense Forest
Teak	Twigs	1.4	0.055	0.036	0.0051	Dense Forest
Teak	Bark	1.4	0.055	0.036	0.0051	Dense Forest
Teak	Branches	1.4	0.055	0.036	0.0051	Dense Forest
Teak	Leaves	1.1	0.019	0.012	0.0017	Open Forest
Teak	Twigs	1.1	0.016	0.011	0.0015	Open Forest
Teak	Bark	1.1	0.016	0.011	0.0015	Open Forest
Teak	Branches	1.1	0.016	0.011	0.0015	Open Forest
Bamboo	Stalk	1.4	0.013	0.0086	0.0012	Dense Forest
Teak	Leaves	1.1	0.0074	0.0049	0.00069	Scrub
Eucalyptus	Leaves	1.4	0.0068	0.0045	0.00063	Dense Forest
Teak	Twigs	1.1	0.0064	0.0042	0.00059	Scrub
Teak	Bark	1.1	0.0064	0.0042	0.00059	Scrub
Teak	Branches	1.1	0.0064	0.0042	0.00059	Scrub
Eucalyptus	Twigs	1.4	0.0058	0.0038	0.00054	Dense Forest
Eucalyptus	Bark	1.4	0.0058	0.0038	0.00054	Dense Forest
Eucalyptus	Branches	1.4	0.0058	0.0038	0.00054	Dense Forest
Catechu	Leaves	1.4	0.0038	0.0025	0.00035	Dense Forest
Bamboo	Stalk	1.1	0.0038	0.0025	0.00035	Open Forest
Catechu	Bark	1.4	0.0032	0.0021	0.00030	Dense Forest
Catechu	Branches	1.4	0.0032	0.0021	0.00030	Dense Forest
Catechu	Twigs	1.4	0.0032	0.0021	0.00030	Dense Forest
Eucalyptus	Leaves	1.1	0.0020	0.0013	0.00018	Open Forest
Eucalyptus	Twigs	1.1	0.0017	0.0011	0.00016	Open Forest
Eucalyptus	Bark	1.1	0.0017	0.0011	0.00016	Open Forest
Eucalyptus	Branches	1.1	0.0017	0.0011	0.00016	Open Forest
Bamboo	Stalk	1.1	0.0015	0.00099	0.00014	Scrub
Catechu	Leaves	1.1	0.0011	0.00072	0.00010	Open Forest
Catechu	Twigs	1.1	0.00094	0.00062	8.66E-05	Open Forest
Catechu	Bark	1.1	0.00094	0.00062	8.66E-05	Open Forest
Catechu	Branches	1.1	0.00094	0.00062	8.66E-05	Open Forest
Eucalyptus	Leaves	1.1	0.00079	0.00052	7.27E-05	Scrub
Eucalyptus	Twigs	1.1	0.00067	0.00045	6.23E-05	Scrub
Eucalyptus	Bark	1.1	0.00067	0.00045	6.23E-05	Scrub
Eucalyptus	Branches	1.1	0.00067	0.00045	6.23E-05	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Bamboo	Leaves	1.4	0.00050	0.00033	4.66E-05	Dense Forest
Catechu	Leaves	1.1	0.00044	0.00029	4.04E-05	Scrub
Catechu	Twigs	1.1	0.00037	0.00025	3.46E-05	Scrub
Catechu	Bark	1.1	0.00037	0.00025	3.46E-05	Scrub
Catechu	Branches	1.1	0.00037	0.00025	3.46E-05	Scrub
Bamboo	Leaves	1.1	0.00015	9.65E-05	1.35E-05	Open Forest
Bamboo	Leaves	1.1	5.84E-05	3.86E-05	5.40E-06	Scrub
Total		3.7	3.8	2.5	0.35	

Taluk level Residue-wise Data for Idar ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.0	0.95	0.63	0.088	Dense Forest
Others	Twigs	2.0	0.82	0.54	0.076	Dense Forest
Others	Bark	2.0	0.82	0.54	0.076	Dense Forest
Others	Branches	2.0	0.82	0.54	0.076	Dense Forest
Teak	Leaves	2.0	0.090	0.060	0.0084	Dense Forest
Teak	Twigs	2.0	0.078	0.051	0.0072	Dense Forest
Teak	Bark	2.0	0.078	0.051	0.0072	Dense Forest
Teak	Branches	2.0	0.078	0.051	0.0072	Dense Forest
Others	Leaves	0.66	0.046	0.030	0.0042	Scrub
Others	Twigs	0.66	0.039	0.026	0.0036	Scrub
Others	Bark	0.66	0.039	0.026	0.0036	Scrub
Others	Branches	0.66	0.039	0.026	0.0036	Scrub
Bamboo	Stalk	2.0	0.018	0.012	0.0017	Dense Forest
Eucalyptus	Leaves	2.0	0.0096	0.0063	0.00089	Dense Forest
Others	Leaves	0.053	0.0092	0.0061	0.00085	Open Forest
Eucalyptus	Twigs	2.0	0.0082	0.0054	0.00076	Dense Forest
Eucalyptus	Bark	2.0	0.0082	0.0054	0.00076	Dense Forest
Eucalyptus	Branches	2.0	0.0082	0.0054	0.00076	Dense Forest
Others	Twigs	0.053	0.0079	0.0052	0.00073	Open Forest
Others	Bark	0.053	0.0079	0.0052	0.00073	Open Forest
Others	Branches	0.053	0.0079	0.0052	0.00073	Open Forest
Catechu	Leaves	2.0	0.0053	0.0035	0.00049	Dense Forest
Catechu	Twigs	2.0	0.0046	0.0030	0.00042	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Bark	2.0	0.0046	0.0030	0.00042	Dense Forest
Catechu	Branches	2.0	0.0046	0.0030	0.00042	Dense Forest
Teak	Leaves	0.66	0.0043	0.0029	0.00040	Scrub
Teak	Twigs	0.66	0.0037	0.0024	0.00034	Scrub
Teak	Bark	0.66	0.0037	0.0024	0.00034	Scrub
Teak	Branches	0.66	0.0037	0.0024	0.00034	Scrub
Bamboo	Stalk	0.66	0.00087	0.00058	8.08E-05	Scrub
Teak	Leaves	0.053	0.00087	0.00058	8.07E-05	Open Forest
Teak	Twigs	0.053	0.00075	0.00049	6.92E-05	Open Forest
Teak	Bark	0.053	0.00075	0.00049	6.92E-05	Open Forest
Teak	Branches	0.053	0.00075	0.00049	6.92E-05	Open Forest
Bamboo	Leaves	2.0	0.00071	0.00047	6.59E-05	Dense Forest
Eucalyptus	Leaves	0.66	0.00046	0.00030	4.23E-05	Scrub
Eucalyptus	Twigs	0.66	0.00039	0.00026	3.63E-05	Scrub
Eucalyptus	Bark	0.66	0.00039	0.00026	3.63E-05	Scrub
Eucalyptus	Branches	0.66	0.00039	0.00026	3.63E-05	Scrub
Catechu	Leaves	0.66	0.00025	0.00017	2.35E-05	Scrub
Catechu	Twigs	0.66	0.00022	0.00014	2.01E-05	Scrub
Catechu	Bark	0.66	0.00022	0.00014	2.01E-05	Scrub
Catechu	Branches	0.66	0.00022	0.00014	2.01E-05	Scrub
Bamboo	Stalk	0.053	0.00018	0.00012	1.63E-05	Open Forest
Eucalyptus	Leaves	0.053	9.23E-05	6.10E-05	8.55E-06	Open Forest
Eucalyptus	Twigs	0.053	7.91E-05	5.23E-05	7.32E-06	Open Forest
Eucalyptus	Bark	0.053	7.91E-05	5.23E-05	7.32E-06	Open Forest
Eucalyptus	Branches	0.053	7.91E-05	5.23E-05	7.32E-06	Open Forest
Catechu	Leaves	0.053	5.13E-05	3.39E-05	4.75E-06	Open Forest
Catechu	Twigs	0.053	4.40E-05	2.91E-05	4.07E-06	Open Forest
Catechu	Bark	0.053	4.40E-05	2.91E-05	4.07E-06	Open Forest
Catechu	Branches	0.053	4.40E-05	2.91E-05	4.07E-06	Open Forest
Bamboo	Leaves	0.66	3.39E-05	2.24E-05	3.14E-06	Scrub
Bamboo	Leaves	0.053	6.86E-06	4.53E-06	6.35E-07	Open Forest
Total		2.7	4.0	2.7	0.37	

Taluk level Residue-wise Data for Khedbrahma ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.4	1.2	0.78	0.11	Dense Forest
Others	Twigs	2.4	1.0	0.67	0.094	Dense Forest
Others	Bark	2.4	1.0	0.67	0.094	Dense Forest
Others	Branches	2.4	1.0	0.67	0.094	Dense Forest
Teak	Leaves	2.4	0.11	0.074	0.010	Dense Forest
Teak	Twigs	2.4	0.096	0.064	0.0089	Dense Forest
Teak	Bark	2.4	0.096	0.064	0.0089	Dense Forest
Teak	Branches	2.4	0.096	0.064	0.0089	Dense Forest
Others	Leaves	0.24	0.042	0.028	0.0039	Open Forest
Others	Twigs	0.24	0.036	0.024	0.0033	Open Forest
Others	Bark	0.24	0.036	0.024	0.0033	Open Forest
Others	Branches	0.24	0.036	0.024	0.0033	Open Forest
Bamboo	Stalk	2.4	0.023	0.015	0.0021	Dense Forest
Eucalyptus	Leaves	2.4	0.012	0.0079	0.0011	Dense Forest
Others	Leaves	0.15	0.011	0.0070	0.00098	Scrub
Eucalyptus	Twigs	2.4	0.010	0.0068	0.00095	Dense Forest
Eucalyptus	Bark	2.4	0.010	0.0068	0.00095	Dense Forest
Eucalyptus	Branches	2.4	0.010	0.0068	0.00095	Dense Forest
Others	Twigs	0.15	0.0091	0.0060	0.00084	Scrub
Others	Bark	0.15	0.0091	0.0060	0.00084	Scrub
Others	Branches	0.15	0.0091	0.0060	0.00084	Scrub
Catechu	Leaves	2.4	0.0066	0.0044	0.00061	Dense Forest
Catechu	Twigs	2.4	0.0057	0.0038	0.00053	Dense Forest
Catechu	Bark	2.4	0.0057	0.0038	0.00053	Dense Forest
Catechu	Branches	2.4	0.0057	0.0038	0.00053	Dense Forest
Teak	Leaves	0.24	0.0040	0.0026	0.00037	Open Forest
Teak	Twigs	0.24	0.0034	0.0023	0.00032	Open Forest
Teak	Bark	0.24	0.0034	0.0023	0.00032	Open Forest
Teak	Branches	0.24	0.0034	0.0023	0.00032	Open Forest
Teak	Leaves	0.15	0.0010	0.00066	9.30E-05	Scrub
Bamboo	Leaves	2.4	0.00089	0.00059	8.19E-05	Dense Forest
Teak	Twigs	0.15	0.00086	0.00057	7.97E-05	Scrub
Teak	Bark	0.15	0.00086	0.00057	7.97E-05	Scrub
Teak	Branches	0.15	0.00086	0.00057	7.97E-05	Scrub
Bamboo	Stalk	0.24	0.00081	0.00053	7.49E-05	Open Forest
Eucalyptus	Leaves	0.24	0.00042	0.00028	3.92E-05	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Twigs	0.24	0.00036	0.00024	3.36E-05	Open Forest
Eucalyptus	Bark	0.24	0.00036	0.00024	3.36E-05	Open Forest
Eucalyptus	Branches	0.24	0.00036	0.00024	3.36E-05	Open Forest
Catechu	Leaves	0.24	0.00024	0.00016	2.18E-05	Open Forest
Bamboo	Stalk	0.15	0.00020	0.00013	1.88E-05	Scrub
Catechu	Twigs	0.24	0.00020	0.00013	1.87E-05	Open Forest
Catechu	Bark	0.24	0.00020	0.00013	1.87E-05	Open Forest
Catechu	Branches	0.24	0.00020	0.00013	1.87E-05	Open Forest
Eucalyptus	Leaves	0.15	0.00011	7.03E-05	9.84E-06	Scrub
Eucalyptus	Twigs	0.15	9.12E-05	6.03E-05	8.44E-06	Scrub
Eucalyptus	Bark	0.15	9.12E-05	6.03E-05	8.44E-06	Scrub
Eucalyptus	Branches	0.15	9.12E-05	6.03E-05	8.44E-06	Scrub
Catechu	Leaves	0.15	5.91E-05	3.91E-05	5.47E-06	Scrub
Catechu	Twigs	0.15	5.07E-05	3.35E-05	4.69E-06	Scrub
Catechu	Bark	0.15	5.07E-05	3.35E-05	4.69E-06	Scrub
Catechu	Branches	0.15	5.07E-05	3.35E-05	4.69E-06	Scrub
Bamboo	Leaves	0.24	3.15E-05	2.08E-05	2.91E-06	Open Forest
Bamboo	Leaves	0.15	7.90E-06	5.22E-06	7.31E-07	Scrub
Total		2.8	4.9	3.3	0.46	

Taluk level Residue-wise Data for Malpur ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	3.1	1.5	1.0	0.14	Dense Forest
Others	Twigs	3.1	1.3	0.87	0.12	Dense Forest
Others	Bark	3.1	1.3	0.87	0.12	Dense Forest
Others	Branches	3.1	1.3	0.87	0.12	Dense Forest
Others	Leaves	2.3	0.40	0.27	0.037	Open Forest
Others	Twigs	2.3	0.35	0.23	0.032	Open Forest
Others	Bark	2.3	0.35	0.23	0.032	Open Forest
Others	Branches	2.3	0.35	0.23	0.032	Open Forest
Teak	Leaves	3.1	0.14	0.096	0.013	Dense Forest
Teak	Twigs	3.1	0.12	0.082	0.011	Dense Forest
Teak	Bark	3.1	0.12	0.082	0.011	Dense Forest
Teak	Branches	3.1	0.12	0.082	0.011	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Leaves	2.3	0.038	0.025	0.0035	Open Forest
Teak	Twigs	2.3	0.033	0.022	0.0030	Open Forest
Teak	Bark	2.3	0.033	0.022	0.0030	Open Forest
Teak	Branches	2.3	0.033	0.022	0.0030	Open Forest
Bamboo	Stalk	3.1	0.029	0.019	0.0027	Dense Forest
Others	Leaves	0.25	0.017	0.011	0.0016	Scrub
Eucalyptus	Leaves	3.1	0.015	0.010	0.0014	Dense Forest
Others	Twigs	0.25	0.015	0.0097	0.0014	Scrub
Others	Bark	0.25	0.015	0.0097	0.0014	Scrub
Others	Branches	0.25	0.015	0.0097	0.0014	Scrub
Eucalyptus	Twigs	3.1	0.013	0.0087	0.0012	Dense Forest
Eucalyptus	Bark	3.1	0.013	0.0087	0.0012	Dense Forest
Eucalyptus	Branches	3.1	0.013	0.0087	0.0012	Dense Forest
Catechu	Leaves	3.1	0.0085	0.0056	0.00079	Dense Forest
Bamboo	Stalk	2.3	0.0078	0.0051	0.00072	Open Forest
Catechu	Bark	3.1	0.0073	0.0048	0.00068	Dense Forest
Catechu	Branches	3.1	0.0073	0.0048	0.00068	Dense Forest
Catechu	Twigs	3.1	0.0073	0.0048	0.00068	Dense Forest
Eucalyptus	Leaves	2.3	0.0041	0.0027	0.00038	Open Forest
Eucalyptus	Twigs	2.3	0.0035	0.0023	0.00032	Open Forest
Eucalyptus	Bark	2.3	0.0035	0.0023	0.00032	Open Forest
Eucalyptus	Branches	2.3	0.0035	0.0023	0.00032	Open Forest
Catechu	Leaves	2.3	0.0023	0.0015	0.00021	Open Forest
Catechu	Twigs	2.3	0.0019	0.0013	0.00018	Open Forest
Catechu	Bark	2.3	0.0019	0.0013	0.00018	Open Forest
Catechu	Branches	2.3	0.0019	0.0013	0.00018	Open Forest
Teak	Leaves	0.25	0.0016	0.0011	0.00015	Scrub
Teak	Twigs	0.25	0.0014	0.00092	0.00013	Scrub
Teak	Bark	0.25	0.0014	0.00092	0.00013	Scrub
Teak	Branches	0.25	0.0014	0.00092	0.00013	Scrub
Bamboo	Leaves	3.1	0.0011	0.00075	0.00011	Dense Forest
Bamboo	Stalk	0.25	0.00033	0.00022	3.04E-05	Scrub
Bamboo	Leaves	2.3	0.00030	0.00020	2.79E-05	Open Forest
Eucalyptus	Leaves	0.25	0.00017	0.00011	1.59E-05	Scrub
Eucalyptus	Twigs	0.25	0.00015	9.76E-05	1.37E-05	Scrub
Eucalyptus	Bark	0.25	0.00015	9.76E-05	1.37E-05	Scrub
Eucalyptus	Branches	0.25	0.00015	9.76E-05	1.37E-05	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Leaves	0.25	9.57E-05	6.33E-05	8.86E-06	Scrub
Catechu	Twigs	0.25	8.20E-05	5.42E-05	7.59E-06	Scrub
Catechu	Bark	0.25	8.20E-05	5.42E-05	7.59E-06	Scrub
Catechu	Branches	0.25	8.20E-05	5.42E-05	7.59E-06	Scrub
Bamboo	Leaves	0.25	1.28E-05	8.46E-06	1.18E-06	Scrub
Total		5.7	7.8	5.1	0.72	

Taluk level Residue-wise Data for Meghraj ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.40	0.19	0.13	0.018	Dense Forest
Others	Twigs	0.40	0.17	0.11	0.015	Dense Forest
Others	Bark	0.40	0.17	0.11	0.015	Dense Forest
Others	Branches	0.40	0.17	0.11	0.015	Dense Forest
Teak	Leaves	0.40	0.018	0.012	0.0017	Dense Forest
Teak	Twigs	0.40	0.016	0.010	0.0015	Dense Forest
Teak	Bark	0.40	0.016	0.010	0.0015	Dense Forest
Teak	Branches	0.40	0.016	0.010	0.0015	Dense Forest
Bamboo	Stalk	0.40	0.0037	0.0025	0.00034	Dense Forest
Eucalyptus	Leaves	0.40	0.0019	0.0013	0.00018	Dense Forest
Eucalyptus	Twigs	0.40	0.0017	0.0011	0.00015	Dense Forest
Eucalyptus	Bark	0.40	0.0017	0.0011	0.00015	Dense Forest
Eucalyptus	Branches	0.40	0.0017	0.0011	0.00015	Dense Forest
Others	Leaves	0.023	0.0016	0.0011	0.00015	Scrub
Others	Twigs	0.023	0.0014	0.00092	0.00013	Scrub
Others	Bark	0.023	0.0014	0.00092	0.00013	Scrub
Others	Branches	0.023	0.0014	0.00092	0.00013	Scrub
Catechu	Leaves	0.40	0.0011	0.00071	0.00010	Dense Forest
Catechu	Twigs	0.40	0.00093	0.00061	8.58E-05	Dense Forest
Catechu	Bark	0.40	0.00093	0.00061	8.58E-05	Dense Forest
Catechu	Branches	0.40	0.00093	0.00061	8.58E-05	Dense Forest
Teak	Leaves	0.023	0.00015	0.00010	1.42E-05	Scrub
Bamboo	Leaves	0.40	0.00014	9.56E-05	1.34E-05	Dense Forest
Teak	Bark	0.023	0.00013	8.69E-05	1.22E-05	Scrub
Teak	Branches	0.023	0.00013	8.69E-05	1.22E-05	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Twigs	0.023	0.00013	8.69E-05	1.22E-05	Scrub
Bamboo	Stalk	0.023	3.10E-05	2.05E-05	2.87E-06	Scrub
Eucalyptus	Leaves	0.023	1.62E-05	1.07E-05	1.50E-06	Scrub
Eucalyptus	Twigs	0.023	1.39E-05	9.20E-06	1.29E-06	Scrub
Eucalyptus	Bark	0.023	1.39E-05	9.20E-06	1.29E-06	Scrub
Eucalyptus	Branches	0.023	1.39E-05	9.20E-06	1.29E-06	Scrub
Catechu	Leaves	0.023	9.02E-06	5.96E-06	8.35E-07	Scrub
Catechu	Twigs	0.023	7.73E-06	5.11E-06	7.15E-07	Scrub
Catechu	Bark	0.023	7.73E-06	5.11E-06	7.15E-07	Scrub
Catechu	Branches	0.023	7.73E-06	5.11E-06	7.15E-07	Scrub
Bamboo	Leaves	0.023	1.21E-06	7.97E-07	1.12E-07	Scrub
Total		0.42	0.78	0.51	0.072	

Taluk level Residue-wise Data for Modasa ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.34	0.16	0.11	0.015	Dense Forest
Others	Twigs	0.34	0.14	0.092	0.013	Dense Forest
Others	Bark	0.34	0.14	0.092	0.013	Dense Forest
Others	Branches	0.34	0.14	0.092	0.013	Dense Forest
Others	Leaves	0.38	0.066	0.044	0.0061	Open Forest
Others	Twigs	0.38	0.057	0.037	0.0052	Open Forest
Others	Bark	0.38	0.057	0.037	0.0052	Open Forest
Others	Branches	0.38	0.057	0.037	0.0052	Open Forest
Others	Leaves	0.61	0.043	0.028	0.0039	Scrub
Others	Twigs	0.61	0.036	0.024	0.0034	Scrub
Others	Bark	0.61	0.036	0.024	0.0034	Scrub
Others	Branches	0.61	0.036	0.024	0.0034	Scrub
Teak	Leaves	0.34	0.015	0.010	0.0014	Dense Forest
Teak	Twigs	0.34	0.013	0.0088	0.0012	Dense Forest
Teak	Bark	0.34	0.013	0.0088	0.0012	Dense Forest
Teak	Branches	0.34	0.013	0.0088	0.0012	Dense Forest
Teak	Leaves	0.38	0.0063	0.0041	0.00058	Open Forest
Teak	Twigs	0.38	0.0054	0.0036	0.00050	Open Forest
Teak	Bark	0.38	0.0054	0.0036	0.00050	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Branches	0.38	0.0054	0.0036	0.00050	Open Forest
Teak	Leaves	0.61	0.0040	0.0027	0.00037	Scrub
Teak	Twigs	0.61	0.0035	0.0023	0.00032	Scrub
Teak	Bark	0.61	0.0035	0.0023	0.00032	Scrub
Teak	Branches	0.61	0.0035	0.0023	0.00032	Scrub
Bamboo	Stalk	0.34	0.0031	0.0021	0.00029	Dense Forest
Eucalyptus	Leaves	0.34	0.0016	0.0011	0.00015	Dense Forest
Eucalyptus	Twigs	0.34	0.0014	0.00093	0.00013	Dense Forest
Eucalyptus	Bark	0.34	0.0014	0.00093	0.00013	Dense Forest
Eucalyptus	Branches	0.34	0.0014	0.00093	0.00013	Dense Forest
Bamboo	Stalk	0.38	0.0013	0.00084	0.00012	Open Forest
Catechu	Leaves	0.34	0.00091	0.00060	8.41E-05	Dense Forest
Bamboo	Stalk	0.61	0.00082	0.00054	7.56E-05	Scrub
Catechu	Bark	0.34	0.00078	0.00052	7.21E-05	Dense Forest
Catechu	Branches	0.34	0.00078	0.00052	7.21E-05	Dense Forest
Catechu	Twigs	0.34	0.00078	0.00052	7.21E-05	Dense Forest
Eucalyptus	Leaves	0.38	0.00066	0.00044	6.14E-05	Open Forest
Eucalyptus	Twigs	0.38	0.00057	0.00038	5.27E-05	Open Forest
Eucalyptus	Bark	0.38	0.00057	0.00038	5.27E-05	Open Forest
Eucalyptus	Branches	0.38	0.00057	0.00038	5.27E-05	Open Forest
Eucalyptus	Leaves	0.61	0.00043	0.00028	3.96E-05	Scrub
Catechu	Leaves	0.38	0.00037	0.00024	3.41E-05	Open Forest
Eucalyptus	Twigs	0.61	0.00037	0.00024	3.39E-05	Scrub
Eucalyptus	Bark	0.61	0.00037	0.00024	3.39E-05	Scrub
Eucalyptus	Branches	0.61	0.00037	0.00024	3.39E-05	Scrub
Catechu	Twigs	0.38	0.00032	0.00021	2.93E-05	Open Forest
Catechu	Bark	0.38	0.00032	0.00021	2.93E-05	Open Forest
Catechu	Branches	0.38	0.00032	0.00021	2.93E-05	Open Forest
Catechu	Leaves	0.61	0.00024	0.00016	2.20E-05	Scrub
Catechu	Twigs	0.61	0.00020	0.00013	1.88E-05	Scrub
Catechu	Bark	0.61	0.00020	0.00013	1.88E-05	Scrub
Catechu	Branches	0.61	0.00020	0.00013	1.88E-05	Scrub
Bamboo	Leaves	0.34	0.00012	8.04E-05	1.12E-05	Dense Forest
Bamboo	Leaves	0.38	4.93E-05	3.26E-05	4.56E-06	Open Forest
Bamboo	Leaves	0.61	3.18E-05	2.10E-05	2.94E-06	Scrub
Total		1.3	1.1	0.72	0.10	

Taluk level Residue-wise Data for Vadali ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.30	0.15	0.097	0.014	Dense Forest
Others	Twigs	0.30	0.13	0.083	0.012	Dense Forest
Others	Bark	0.30	0.13	0.083	0.012	Dense Forest
Others	Branches	0.30	0.13	0.083	0.012	Dense Forest
Teak	Leaves	0.30	0.014	0.0092	0.0013	Dense Forest
Teak	Twigs	0.30	0.012	0.0079	0.0011	Dense Forest
Teak	Bark	0.30	0.012	0.0079	0.0011	Dense Forest
Teak	Branches	0.30	0.012	0.0079	0.0011	Dense Forest
Bamboo	Stalk	0.30	0.0028	0.0019	0.00026	Dense Forest
Eucalyptus	Leaves	0.30	0.0015	0.00097	0.00014	Dense Forest
Eucalyptus	Twigs	0.30	0.0013	0.00083	0.00012	Dense Forest
Eucalyptus	Bark	0.30	0.0013	0.00083	0.00012	Dense Forest
Eucalyptus	Branches	0.30	0.0013	0.00083	0.00012	Dense Forest
Catechu	Leaves	0.30	0.00082	0.00054	7.57E-05	Dense Forest
Catechu	Twigs	0.30	0.00070	0.00046	6.49E-05	Dense Forest
Catechu	Bark	0.30	0.00070	0.00046	6.49E-05	Dense Forest
Catechu	Branches	0.30	0.00070	0.00046	6.49E-05	Dense Forest
Bamboo	Leaves	0.30	0.00011	7.23E-05	1.01E-05	Dense Forest
Total		0.30	0.58	0.39	0.054	

Taluk level Residue-wise Data for Vijaynagar ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	17.2	8.4	5.5	0.77	Dense Forest
Others	Twigs	17.2	7.2	4.7	0.66	Dense Forest
Others	Bark	17.2	7.2	4.7	0.66	Dense Forest
Others	Branches	17.2	7.2	4.7	0.66	Dense Forest
Others	Leaves	21.0	3.6	2.4	0.34	Open Forest
Others	Twigs	21.0	3.1	2.1	0.29	Open Forest
Others	Bark	21.0	3.1	2.1	0.29	Open Forest
Others	Branches	21.0	3.1	2.1	0.29	Open Forest
Teak	Leaves	17.2	0.79	0.52	0.073	Dense Forest
Teak	Twigs	17.2	0.68	0.45	0.063	Dense Forest
Teak	Bark	17.2	0.68	0.45	0.063	Dense Forest
Teak	Branches	17.2	0.68	0.45	0.063	Dense Forest
Teak	Leaves	21.0	0.35	0.23	0.032	Open Forest
Teak	Twigs	21.0	0.30	0.20	0.027	Open Forest
Teak	Bark	21.0	0.30	0.20	0.027	Open Forest
Teak	Branches	21.0	0.30	0.20	0.027	Open Forest
Bamboo	Stalk	17.2	0.16	0.11	0.015	Dense Forest
Others	Leaves	1.9	0.13	0.088	0.012	Scrub
Others	Twigs	1.9	0.11	0.076	0.011	Scrub
Others	Bark	1.9	0.11	0.076	0.011	Scrub
Others	Branches	1.9	0.11	0.076	0.011	Scrub
Eucalyptus	Leaves	17.2	0.084	0.056	0.0078	Dense Forest
Eucalyptus	Twigs	17.2	0.072	0.048	0.0067	Dense Forest
Eucalyptus	Bark	17.2	0.072	0.048	0.0067	Dense Forest
Eucalyptus	Branches	17.2	0.072	0.048	0.0067	Dense Forest
Bamboo	Stalk	21.0	0.070	0.046	0.0065	Open Forest
Catechu	Leaves	17.2	0.047	0.031	0.0043	Dense Forest
Catechu	Twigs	17.2	0.040	0.026	0.0037	Dense Forest
Catechu	Bark	17.2	0.040	0.026	0.0037	Dense Forest
Catechu	Branches	17.2	0.040	0.026	0.0037	Dense Forest
Eucalyptus	Leaves	21.0	0.037	0.024	0.0034	Open Forest
Eucalyptus	Twigs	21.0	0.031	0.021	0.0029	Open Forest
Eucalyptus	Bark	21.0	0.031	0.021	0.0029	Open Forest
Eucalyptus	Branches	21.0	0.031	0.021	0.0029	Open Forest
Catechu	Leaves	21.0	0.020	0.013	0.0019	Open Forest
Catechu	Twigs	21.0	0.017	0.012	0.0016	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Bark	21.0	0.017	0.012	0.0016	Open Forest
Catechu	Branches	21.0	0.017	0.012	0.0016	Open Forest
Teak	Leaves	1.9	0.013	0.0084	0.0012	Scrub
Teak	Twigs	1.9	0.011	0.0072	0.0010	Scrub
Teak	Bark	1.9	0.011	0.0072	0.0010	Scrub
Teak	Branches	1.9	0.011	0.0072	0.0010	Scrub
Bamboo	Leaves	17.2	0.0062	0.0041	0.00058	Dense Forest
Bamboo	Leaves	21.0	0.0027	0.0018	0.00025	Open Forest
Bamboo	Stalk	1.9	0.0026	0.0017	0.00024	Scrub
Eucalyptus	Leaves	1.9	0.0013	0.00089	0.00012	Scrub
Eucalyptus	Twigs	1.9	0.0011	0.00076	0.00011	Scrub
Eucalyptus	Bark	1.9	0.0011	0.00076	0.00011	Scrub
Eucalyptus	Branches	1.9	0.0011	0.00076	0.00011	Scrub
Catechu	Leaves	1.9	0.00075	0.00049	6.90E-05	Scrub
Catechu	Twigs	1.9	0.00064	0.00042	5.91E-05	Scrub
Catechu	Bark	1.9	0.00064	0.00042	5.91E-05	Scrub
Catechu	Branches	1.9	0.00064	0.00042	5.91E-05	Scrub
Bamboo	Leaves	1.9	9.96E-05	6.59E-05	9.22E-06	Scrub
Total		40.2	48.4	32.0	4.5	

Taluk level Residue-wise Data for Mahuva ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.2	1.1	0.72	0.10	Dense Forest
Others	Twigs	2.2	0.93	0.62	0.086	Dense Forest
Others	Bark	2.2	0.93	0.62	0.086	Dense Forest
Others	Branches	2.2	0.93	0.62	0.086	Dense Forest
Teak	Leaves	2.2	0.10	0.068	0.0096	Dense Forest
Teak	Twigs	2.2	0.088	0.058	0.0082	Dense Forest
Teak	Bark	2.2	0.088	0.058	0.0082	Dense Forest
Teak	Branches	2.2	0.088	0.058	0.0082	Dense Forest
Bamboo	Stalk	2.2	0.021	0.014	0.0019	Dense Forest
Eucalyptus	Leaves	2.2	0.011	0.0072	0.0010	Dense Forest
Eucalyptus	Twigs	2.2	0.0094	0.0062	0.00087	Dense Forest
Eucalyptus	Bark	2.2	0.0094	0.0062	0.00087	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Branches	2.2	0.0094	0.0062	0.00087	Dense Forest
Catechu	Leaves	2.2	0.0061	0.0040	0.00056	Dense Forest
Catechu	Twigs	2.2	0.0052	0.0034	0.00048	Dense Forest
Catechu	Bark	2.2	0.0052	0.0034	0.00048	Dense Forest
Catechu	Branches	2.2	0.0052	0.0034	0.00048	Dense Forest
Bamboo	Leaves	2.2	0.00081	0.00054	7.51E-05	Dense Forest
Total		2.2	4.3	2.9	0.40	

Taluk level Residue-wise Data for Mandvi ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	19.2	9.3	6.1	0.86	Dense Forest
Others	Twigs	19.2	8.0	5.3	0.74	Dense Forest
Others	Bark	19.2	8.0	5.3	0.74	Dense Forest
Others	Branches	19.2	8.0	5.3	0.74	Dense Forest
Teak	Leaves	19.2	0.88	0.58	0.082	Dense Forest
Teak	Twigs	19.2	0.76	0.50	0.070	Dense Forest
Teak	Bark	19.2	0.76	0.50	0.070	Dense Forest
Teak	Branches	19.2	0.76	0.50	0.070	Dense Forest
Bamboo	Stalk	19.2	0.18	0.12	0.017	Dense Forest
Eucalyptus	Leaves	19.2	0.093	0.062	0.0086	Dense Forest
Eucalyptus	Twigs	19.2	0.080	0.053	0.0074	Dense Forest
Eucalyptus	Bark	19.2	0.080	0.053	0.0074	Dense Forest
Eucalyptus	Branches	19.2	0.080	0.053	0.0074	Dense Forest
Catechu	Leaves	19.2	0.052	0.034	0.0048	Dense Forest
Catechu	Twigs	19.2	0.044	0.029	0.0041	Dense Forest
Catechu	Bark	19.2	0.044	0.029	0.0041	Dense Forest
Catechu	Branches	19.2	0.044	0.029	0.0041	Dense Forest
Others	Leaves	0.20	0.036	0.023	0.0033	Open Forest
Others	Twigs	0.20	0.030	0.020	0.0028	Open Forest
Others	Bark	0.20	0.030	0.020	0.0028	Open Forest
Others	Branches	0.20	0.030	0.020	0.0028	Open Forest
Others	Leaves	0.13	0.0093	0.0062	0.00086	Scrub
Others	Twigs	0.13	0.0080	0.0053	0.00074	Scrub
Others	Bark	0.13	0.0080	0.0053	0.00074	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Branches	0.13	0.0080	0.0053	0.00074	Scrub
Bamboo	Leaves	19.2	0.0069	0.0046	0.00064	Dense Forest
Teak	Leaves	0.20	0.0034	0.0022	0.00031	Open Forest
Teak	Twigs	0.20	0.0029	0.0019	0.00027	Open Forest
Teak	Bark	0.20	0.0029	0.0019	0.00027	Open Forest
Teak	Branches	0.20	0.0029	0.0019	0.00027	Open Forest
Teak	Leaves	0.13	0.00088	0.00058	8.17E-05	Scrub
Teak	Twigs	0.13	0.00076	0.00050	7.01E-05	Scrub
Teak	Bark	0.13	0.00076	0.00050	7.01E-05	Scrub
Teak	Branches	0.13	0.00076	0.00050	7.01E-05	Scrub
Bamboo	Stalk	0.20	0.00068	0.00045	6.31E-05	Open Forest
Eucalyptus	Leaves	0.20	0.00036	0.00024	3.30E-05	Open Forest
Eucalyptus	Twigs	0.20	0.00031	0.00020	2.83E-05	Open Forest
Eucalyptus	Bark	0.20	0.00031	0.00020	2.83E-05	Open Forest
Eucalyptus	Branches	0.20	0.00031	0.00020	2.83E-05	Open Forest
Catechu	Leaves	0.20	0.00020	0.00013	1.83E-05	Open Forest
Bamboo	Stalk	0.13	0.00018	0.00012	1.65E-05	Scrub
Catechu	Twigs	0.20	0.00017	0.00011	1.57E-05	Open Forest
Catechu	Bark	0.20	0.00017	0.00011	1.57E-05	Open Forest
Catechu	Branches	0.20	0.00017	0.00011	1.57E-05	Open Forest
Eucalyptus	Leaves	0.13	9.35E-05	6.18E-05	8.65E-06	Scrub
Eucalyptus	Twigs	0.13	8.01E-05	5.30E-05	7.42E-06	Scrub
Eucalyptus	Bark	0.13	8.01E-05	5.30E-05	7.42E-06	Scrub
Eucalyptus	Branches	0.13	8.01E-05	5.30E-05	7.42E-06	Scrub
Catechu	Leaves	0.13	5.19E-05	3.43E-05	4.81E-06	Scrub
Catechu	Twigs	0.13	4.45E-05	2.94E-05	4.12E-06	Scrub
Catechu	Bark	0.13	4.45E-05	2.94E-05	4.12E-06	Scrub
Catechu	Branches	0.13	4.45E-05	2.94E-05	4.12E-06	Scrub
Bamboo	Leaves	0.20	2.65E-05	1.75E-05	2.45E-06	Open Forest
Bamboo	Leaves	0.13	6.94E-06	4.59E-06	6.43E-07	Scrub
Total		19.5	37.2	24.6	3.4	

Taluk level Residue-wise Data for Mangrol ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	3.5	1.7	1.1	0.16	Dense Forest
Others	Twigs	3.5	1.4	0.96	0.13	Dense Forest
Others	Bark	3.5	1.4	0.96	0.13	Dense Forest
Others	Branches	3.5	1.4	0.96	0.13	Dense Forest
Teak	Leaves	3.5	0.16	0.11	0.015	Dense Forest
Teak	Twigs	3.5	0.14	0.091	0.013	Dense Forest
Teak	Bark	3.5	0.14	0.091	0.013	Dense Forest
Teak	Branches	3.5	0.14	0.091	0.013	Dense Forest
Others	Leaves	1.3	0.092	0.061	0.0085	Scrub
Others	Twigs	1.3	0.079	0.052	0.0073	Scrub
Others	Bark	1.3	0.079	0.052	0.0073	Scrub
Others	Branches	1.3	0.079	0.052	0.0073	Scrub
Others	Leaves	0.37	0.064	0.042	0.0059	Open Forest
Others	Twigs	0.37	0.055	0.036	0.0051	Open Forest
Others	Bark	0.37	0.055	0.036	0.0051	Open Forest
Others	Branches	0.37	0.055	0.036	0.0051	Open Forest
Bamboo	Stalk	3.5	0.032	0.021	0.0030	Dense Forest
Eucalyptus	Leaves	3.5	0.017	0.011	0.0016	Dense Forest
Eucalyptus	Twigs	3.5	0.015	0.0096	0.0013	Dense Forest
Eucalyptus	Bark	3.5	0.015	0.0096	0.0013	Dense Forest
Eucalyptus	Branches	3.5	0.015	0.0096	0.0013	Dense Forest
Catechu	Leaves	3.5	0.0094	0.0062	0.00087	Dense Forest
Teak	Leaves	1.3	0.0088	0.0058	0.00081	Scrub
Catechu	Twigs	3.5	0.0081	0.0053	0.00075	Dense Forest
Catechu	Bark	3.5	0.0081	0.0053	0.00075	Dense Forest
Catechu	Branches	3.5	0.0081	0.0053	0.00075	Dense Forest
Teak	Twigs	1.3	0.0075	0.0050	0.00069	Scrub
Teak	Bark	1.3	0.0075	0.0050	0.00069	Scrub
Teak	Branches	1.3	0.0075	0.0050	0.00069	Scrub
Teak	Leaves	0.37	0.0061	0.0040	0.00056	Open Forest
Teak	Twigs	0.37	0.0052	0.0034	0.00048	Open Forest
Teak	Bark	0.37	0.0052	0.0034	0.00048	Open Forest
Teak	Branches	0.37	0.0052	0.0034	0.00048	Open Forest
Bamboo	Stalk	1.3	0.0018	0.0012	0.00016	Scrub
Bamboo	Leaves	3.5	0.0013	0.00083	0.00012	Dense Forest
Bamboo	Stalk	0.37	0.0012	0.00081	0.00011	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Leaves	1.3	0.00093	0.00061	8.58E-05	Scrub
Eucalyptus	Twigs	1.3	0.00079	0.00053	7.35E-05	Scrub
Eucalyptus	Bark	1.3	0.00079	0.00053	7.35E-05	Scrub
Eucalyptus	Branches	1.3	0.00079	0.00053	7.35E-05	Scrub
Eucalyptus	Leaves	0.37	0.00064	0.00043	5.96E-05	Open Forest
Eucalyptus	Twigs	0.37	0.00055	0.00037	5.11E-05	Open Forest
Eucalyptus	Bark	0.37	0.00055	0.00037	5.11E-05	Open Forest
Eucalyptus	Branches	0.37	0.00055	0.00037	5.11E-05	Open Forest
Catechu	Leaves	1.3	0.00052	0.00034	4.77E-05	Scrub
Catechu	Twigs	1.3	0.00044	0.00029	4.09E-05	Scrub
Catechu	Bark	1.3	0.00044	0.00029	4.09E-05	Scrub
Catechu	Branches	1.3	0.00044	0.00029	4.09E-05	Scrub
Catechu	Leaves	0.37	0.00036	0.00024	3.31E-05	Open Forest
Catechu	Twigs	0.37	0.00031	0.00020	2.84E-05	Open Forest
Catechu	Bark	0.37	0.00031	0.00020	2.84E-05	Open Forest
Catechu	Branches	0.37	0.00031	0.00020	2.84E-05	Open Forest
Bamboo	Leaves	1.3	6.89E-05	4.55E-05	6.37E-06	Scrub
Bamboo	Leaves	0.37	4.79E-05	3.16E-05	4.43E-06	Open Forest
Total		5.2	7.4	4.9	0.68	

Taluk level Residue-wise Data for Nizar ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.8	0.48	0.32	0.044	Open Forest
Others	Twigs	2.8	0.41	0.27	0.038	Open Forest
Others	Bark	2.8	0.41	0.27	0.038	Open Forest
Others	Branches	2.8	0.41	0.27	0.038	Open Forest
Teak	Leaves	2.8	0.046	0.030	0.0042	Open Forest
Teak	Twigs	2.8	0.039	0.026	0.0036	Open Forest
Teak	Bark	2.8	0.039	0.026	0.0036	Open Forest
Teak	Branches	2.8	0.039	0.026	0.0036	Open Forest
Bamboo	Stalk	2.8	0.0092	0.0061	0.00085	Open Forest
Eucalyptus	Leaves	2.8	0.0048	0.0032	0.00045	Open Forest
Eucalyptus	Twigs	2.8	0.0041	0.0027	0.00038	Open Forest
Eucalyptus	Bark	2.8	0.0041	0.0027	0.00038	Open Forest
Eucalyptus	Branches	2.8	0.0041	0.0027	0.00038	Open Forest
Catechu	Leaves	2.8	0.0027	0.0018	0.00025	Open Forest
Catechu	Twigs	2.8	0.0023	0.0015	0.00021	Open Forest
Catechu	Bark	2.8	0.0023	0.0015	0.00021	Open Forest
Catechu	Branches	2.8	0.0023	0.0015	0.00021	Open Forest
Bamboo	Leaves	2.8	0.00036	0.00024	3.32E-05	Open Forest
Total		2.8	1.9	1.3	0.18	

Taluk level Residue-wise Data for Sonagadh ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	60.0	29.1	23.3	3.3	Dense Forest
Others	Twigs	60.0	24.9	19.9	2.8	Dense Forest
Others	Bark	60.0	24.9	19.9	2.8	Dense Forest
Others	Branches	60.0	24.9	19.9	2.8	Dense Forest
Teak	Leaves	60.0	2.8	2.2	0.31	Dense Forest
Teak	Twigs	60.0	2.4	1.9	0.26	Dense Forest
Teak	Bark	60.0	2.4	1.9	0.26	Dense Forest
Teak	Branches	60.0	2.4	1.9	0.26	Dense Forest
Bamboo	Stalk	60.0	0.56	0.45	0.063	Dense Forest
Eucalyptus	Leaves	60.0	0.29	0.23	0.033	Dense Forest
Eucalyptus	Twigs	60.0	0.25	0.20	0.028	Dense Forest
Eucalyptus	Bark	60.0	0.25	0.20	0.028	Dense Forest
Eucalyptus	Branches	60.0	0.25	0.20	0.028	Dense Forest
Others	Leaves	1.2	0.21	0.17	0.024	Open Forest
Others	Twigs	1.2	0.18	0.14	0.020	Open Forest
Others	Bark	1.2	0.18	0.14	0.020	Open Forest
Others	Branches	1.2	0.18	0.14	0.020	Open Forest
Catechu	Leaves	60.0	0.16	0.13	0.018	Dense Forest
Catechu	Twigs	60.0	0.14	0.11	0.016	Dense Forest
Catechu	Bark	60.0	0.14	0.11	0.016	Dense Forest
Catechu	Branches	60.0	0.14	0.11	0.016	Dense Forest
Others	Leaves	1.5	0.11	0.086	0.012	Scrub
Others	Twigs	1.5	0.092	0.074	0.010	Scrub
Others	Bark	1.5	0.092	0.074	0.010	Scrub
Others	Branches	1.5	0.092	0.074	0.010	Scrub
Bamboo	Leaves	60.0	0.022	0.017	0.0024	Dense Forest
Teak	Leaves	1.2	0.020	0.016	0.0022	Open Forest
Teak	Twigs	1.2	0.017	0.014	0.0019	Open Forest
Teak	Bark	1.2	0.017	0.014	0.0019	Open Forest
Teak	Branches	1.2	0.017	0.014	0.0019	Open Forest
Teak	Leaves	1.5	0.010	0.0081	0.0011	Scrub
Teak	Twigs	1.5	0.0087	0.0070	0.00098	Scrub
Teak	Bark	1.5	0.0087	0.0070	0.00098	Scrub
Teak	Branches	1.5	0.0087	0.0070	0.00098	Scrub
Bamboo	Stalk	1.2	0.0040	0.0032	0.00045	Open Forest
Eucalyptus	Leaves	1.2	0.0021	0.0017	0.00024	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Bamboo	Stalk	1.5	0.0021	0.0016	0.00023	Scrub
Eucalyptus	Twigs	1.2	0.0018	0.0014	0.00020	Open Forest
Eucalyptus	Bark	1.2	0.0018	0.0014	0.00020	Open Forest
Eucalyptus	Branches	1.2	0.0018	0.0014	0.00020	Open Forest
Catechu	Leaves	1.2	0.0012	0.00094	0.00013	Open Forest
Eucalyptus	Leaves	1.5	0.0011	0.00086	0.00012	Scrub
Catechu	Twigs	1.2	0.0010	0.00081	0.00011	Open Forest
Catechu	Bark	1.2	0.0010	0.00081	0.00011	Open Forest
Catechu	Branches	1.2	0.0010	0.00081	0.00011	Open Forest
Eucalyptus	Twigs	1.5	0.00092	0.00074	0.00010	Scrub
Eucalyptus	Bark	1.5	0.00092	0.00074	0.00010	Scrub
Eucalyptus	Branches	1.5	0.00092	0.00074	0.00010	Scrub
Catechu	Leaves	1.5	0.00060	0.00048	6.71E-05	Scrub
Catechu	Twigs	1.5	0.00051	0.00041	5.75E-05	Scrub
Catechu	Bark	1.5	0.00051	0.00041	5.75E-05	Scrub
Catechu	Branches	1.5	0.00051	0.00041	5.75E-05	Scrub
Bamboo	Leaves	1.2	0.00016	0.00013	1.76E-05	Open Forest
Bamboo	Leaves	1.5	8.01E-05	6.41E-05	8.97E-06	Scrub
Total		62.7	117.2	93.8	13.1	

Taluk level Residue-wise Data for Uchchhal ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	37.9	2.6	1.7	0.24	Scrub
Others	Twigs	37.9	2.3	1.5	0.21	Scrub
Others	Bark	37.9	2.3	1.5	0.21	Scrub
Others	Branches	37.9	2.3	1.5	0.21	Scrub
Teak	Leaves	37.9	0.25	0.16	0.023	Scrub
Teak	Twigs	37.9	0.21	0.14	0.020	Scrub
Teak	Bark	37.9	0.21	0.14	0.020	Scrub
Teak	Branches	37.9	0.21	0.14	0.020	Scrub
Bamboo	Stalk	37.9	0.050	0.033	0.0047	Scrub
Eucalyptus	Leaves	37.9	0.026	0.017	0.0024	Scrub
Eucalyptus	Twigs	37.9	0.023	0.015	0.0021	Scrub
Eucalyptus	Bark	37.9	0.023	0.015	0.0021	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Branches	37.9	0.023	0.015	0.0021	Scrub
Others	Leaves	0.044	0.021	0.014	0.0020	Dense Forest
Others	Twigs	0.044	0.018	0.012	0.0017	Dense Forest
Others	Bark	0.044	0.018	0.012	0.0017	Dense Forest
Others	Branches	0.044	0.018	0.012	0.0017	Dense Forest
Catechu	Leaves	37.9	0.015	0.0097	0.0014	Scrub
Catechu	Twigs	37.9	0.013	0.0083	0.0012	Scrub
Catechu	Bark	37.9	0.013	0.0083	0.0012	Scrub
Catechu	Branches	37.9	0.013	0.0083	0.0012	Scrub
Teak	Leaves	0.044	0.0020	0.0013	0.00019	Dense Forest
Bamboo	Leaves	37.9	0.0020	0.0013	0.00018	Scrub
Teak	Twigs	0.044	0.0017	0.0011	0.00016	Dense Forest
Teak	Bark	0.044	0.0017	0.0011	0.00016	Dense Forest
Teak	Branches	0.044	0.0017	0.0011	0.00016	Dense Forest
Bamboo	Stalk	0.044	0.00041	0.00027	3.76E-05	Dense Forest
Eucalyptus	Leaves	0.044	0.00021	0.00014	1.97E-05	Dense Forest
Eucalyptus	Twigs	0.044	0.00018	0.00012	1.69E-05	Dense Forest
Eucalyptus	Bark	0.044	0.00018	0.00012	1.69E-05	Dense Forest
Eucalyptus	Branches	0.044	0.00018	0.00012	1.69E-05	Dense Forest
Catechu	Leaves	0.044	0.00012	7.80E-05	1.09E-05	Dense Forest
Catechu	Twigs	0.044	0.00010	6.69E-05	9.36E-06	Dense Forest
Catechu	Bark	0.044	0.00010	6.69E-05	9.36E-06	Dense Forest
Catechu	Branches	0.044	0.00010	6.69E-05	9.36E-06	Dense Forest
Bamboo	Leaves	0.044	1.58E-05	1.04E-05	1.46E-06	Dense Forest
Total		38.0	10.6	7.0	0.98	

Taluk level Residue-wise Data for Umarpada ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	22.3	3.9	2.6	0.36	Open Forest
Others	Twigs	22.3	3.3	2.2	0.31	Open Forest
Others	Bark	22.3	3.3	2.2	0.31	Open Forest
Others	Branches	22.3	3.3	2.2	0.31	Open Forest
Teak	Leaves	22.3	0.37	0.24	0.034	Open Forest
Teak	Twigs	22.3	0.31	0.21	0.029	Open Forest
Teak	Bark	22.3	0.31	0.21	0.029	Open Forest
Teak	Branches	22.3	0.31	0.21	0.029	Open Forest
Others	Leaves	0.44	0.21	0.14	0.020	Dense Forest
Others	Twigs	0.44	0.18	0.12	0.017	Dense Forest
Others	Bark	0.44	0.18	0.12	0.017	Dense Forest
Others	Branches	0.44	0.18	0.12	0.017	Dense Forest
Bamboo	Stalk	22.3	0.074	0.049	0.0069	Open Forest
Eucalyptus	Leaves	22.3	0.039	0.026	0.0036	Open Forest
Eucalyptus	Twigs	22.3	0.033	0.022	0.0031	Open Forest
Eucalyptus	Bark	22.3	0.033	0.022	0.0031	Open Forest
Eucalyptus	Branches	22.3	0.033	0.022	0.0031	Open Forest
Others	Leaves	0.35	0.024	0.016	0.0023	Scrub
Catechu	Leaves	22.3	0.022	0.014	0.0020	Open Forest
Others	Twigs	0.35	0.021	0.014	0.0019	Scrub
Others	Bark	0.35	0.021	0.014	0.0019	Scrub
Others	Branches	0.35	0.021	0.014	0.0019	Scrub
Teak	Leaves	0.44	0.020	0.013	0.0019	Dense Forest
Catechu	Twigs	22.3	0.018	0.012	0.0017	Open Forest
Catechu	Bark	22.3	0.018	0.012	0.0017	Open Forest
Catechu	Branches	22.3	0.018	0.012	0.0017	Open Forest
Teak	Twigs	0.44	0.017	0.012	0.0016	Dense Forest
Teak	Bark	0.44	0.017	0.012	0.0016	Dense Forest
Teak	Branches	0.44	0.017	0.012	0.0016	Dense Forest
Bamboo	Stalk	0.44	0.0041	0.0027	0.00038	Dense Forest
Bamboo	Leaves	22.3	0.0029	0.0019	0.00027	Open Forest
Teak	Leaves	0.35	0.0023	0.0015	0.00021	Scrub
Eucalyptus	Leaves	0.44	0.0022	0.0014	0.00020	Dense Forest
Teak	Twigs	0.35	0.0020	0.0013	0.00018	Scrub
Teak	Bark	0.35	0.0020	0.0013	0.00018	Scrub
Teak	Branches	0.35	0.0020	0.0013	0.00018	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Twigs	0.44	0.0018	0.0012	0.00017	Dense Forest
Eucalyptus	Bark	0.44	0.0018	0.0012	0.00017	Dense Forest
Eucalyptus	Branches	0.44	0.0018	0.0012	0.00017	Dense Forest
Catechu	Leaves	0.44	0.0012	0.00079	0.00011	Dense Forest
Catechu	Twigs	0.44	0.0010	0.00068	9.49E-05	Dense Forest
Catechu	Bark	0.44	0.0010	0.00068	9.49E-05	Dense Forest
Catechu	Branches	0.44	0.0010	0.00068	9.49E-05	Dense Forest
Bamboo	Stalk	0.35	0.00047	0.00031	4.34E-05	Scrub
Eucalyptus	Leaves	0.35	0.00025	0.00016	2.27E-05	Scrub
Eucalyptus	Twigs	0.35	0.00021	0.00014	1.95E-05	Scrub
Eucalyptus	Bark	0.35	0.00021	0.00014	1.95E-05	Scrub
Eucalyptus	Branches	0.35	0.00021	0.00014	1.95E-05	Scrub
Bamboo	Leaves	0.44	0.00016	0.00011	1.48E-05	Dense Forest
Catechu	Leaves	0.35	0.00014	9.01E-05	1.26E-05	Scrub
Catechu	Twigs	0.35	0.00012	7.72E-05	1.08E-05	Scrub
Catechu	Bark	0.35	0.00012	7.72E-05	1.08E-05	Scrub
Catechu	Branches	0.35	0.00012	7.72E-05	1.08E-05	Scrub
Bamboo	Leaves	0.35	1.82E-05	1.20E-05	1.69E-06	Scrub
Total		23.1	16.4	10.8	1.5	

Taluk level Residue-wise Data for Vyara ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	21.6	1.5	0.99	0.14	Scrub
Others	Twigs	21.6	1.3	0.85	0.12	Scrub
Others	Bark	21.6	1.3	0.85	0.12	Scrub
Others	Branches	21.6	1.3	0.85	0.12	Scrub
Others	Leaves	1.4	0.24	0.16	0.023	Open Forest
Others	Twigs	1.4	0.21	0.14	0.019	Open Forest
Others	Bark	1.4	0.21	0.14	0.019	Open Forest
Others	Branches	1.4	0.21	0.14	0.019	Open Forest
Teak	Leaves	21.6	0.14	0.094	0.013	Scrub
Teak	Twigs	21.6	0.12	0.080	0.011	Scrub
Teak	Bark	21.6	0.12	0.080	0.011	Scrub
Teak	Branches	21.6	0.12	0.080	0.011	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.17	0.083	0.055	0.0077	Dense Forest
Others	Twigs	0.17	0.071	0.047	0.0066	Dense Forest
Others	Bark	0.17	0.071	0.047	0.0066	Dense Forest
Others	Branches	0.17	0.071	0.047	0.0066	Dense Forest
Bamboo	Stalk	21.6	0.029	0.019	0.0027	Scrub
Teak	Leaves	1.4	0.023	0.015	0.0021	Open Forest
Teak	Twigs	1.4	0.020	0.013	0.0018	Open Forest
Teak	Bark	1.4	0.020	0.013	0.0018	Open Forest
Teak	Branches	1.4	0.020	0.013	0.0018	Open Forest
Eucalyptus	Leaves	21.6	0.015	0.0099	0.0014	Scrub
Eucalyptus	Twigs	21.6	0.013	0.0085	0.0012	Scrub
Eucalyptus	Bark	21.6	0.013	0.0085	0.0012	Scrub
Eucalyptus	Branches	21.6	0.013	0.0085	0.0012	Scrub
Catechu	Leaves	21.6	0.0084	0.0055	0.00077	Scrub
Teak	Leaves	0.17	0.0079	0.0052	0.00073	Dense Forest
Catechu	Twigs	21.6	0.0072	0.0047	0.00066	Scrub
Catechu	Bark	21.6	0.0072	0.0047	0.00066	Scrub
Catechu	Branches	21.6	0.0072	0.0047	0.00066	Scrub
Teak	Twigs	0.17	0.0068	0.0045	0.00063	Dense Forest
Teak	Bark	0.17	0.0068	0.0045	0.00063	Dense Forest
Teak	Branches	0.17	0.0068	0.0045	0.00063	Dense Forest
Bamboo	Stalk	1.4	0.0047	0.0031	0.00043	Open Forest
Eucalyptus	Leaves	1.4	0.0025	0.0016	0.00023	Open Forest
Eucalyptus	Twigs	1.4	0.0021	0.0014	0.00019	Open Forest
Eucalyptus	Bark	1.4	0.0021	0.0014	0.00019	Open Forest
Eucalyptus	Branches	1.4	0.0021	0.0014	0.00019	Open Forest
Bamboo	Stalk	0.17	0.0016	0.0011	0.00015	Dense Forest
Catechu	Leaves	1.4	0.0014	0.00090	0.00013	Open Forest
Catechu	Twigs	1.4	0.0012	0.00077	0.00011	Open Forest
Catechu	Bark	1.4	0.0012	0.00077	0.00011	Open Forest
Catechu	Branches	1.4	0.0012	0.00077	0.00011	Open Forest
Bamboo	Leaves	21.6	0.0011	0.00074	0.00010	Scrub
Eucalyptus	Leaves	0.17	0.00084	0.00055	7.74E-05	Dense Forest
Eucalyptus	Twigs	0.17	0.00072	0.00047	6.64E-05	Dense Forest
Eucalyptus	Bark	0.17	0.00072	0.00047	6.64E-05	Dense Forest
Eucalyptus	Branches	0.17	0.00072	0.00047	6.64E-05	Dense Forest
Catechu	Leaves	0.17	0.00046	0.00031	4.30E-05	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Twigs	0.17	0.00040	0.00026	3.69E-05	Dense Forest
Catechu	Bark	0.17	0.00040	0.00026	3.69E-05	Dense Forest
Catechu	Branches	0.17	0.00040	0.00026	3.69E-05	Dense Forest
Bamboo	Leaves	1.4	0.00018	0.00012	1.69E-05	Open Forest
Bamboo	Leaves	0.17	6.21E-05	4.11E-05	5.75E-06	Dense Forest
Total		23.2	7.3	4.8	0.67	

Taluk level Residue-wise Data for Chotila ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.1	1.0	0.68	0.096	Dense Forest
Others	Twigs	2.1	0.89	0.59	0.082	Dense Forest
Others	Bark	2.1	0.89	0.59	0.082	Dense Forest
Others	Branches	2.1	0.89	0.59	0.082	Dense Forest
Teak	Leaves	2.1	0.098	0.065	0.0091	Dense Forest
Teak	Twigs	2.1	0.084	0.056	0.0078	Dense Forest
Teak	Bark	2.1	0.084	0.056	0.0078	Dense Forest
Teak	Branches	2.1	0.084	0.056	0.0078	Dense Forest
Bamboo	Stalk	2.1	0.020	0.013	0.0018	Dense Forest
Eucalyptus	Leaves	2.1	0.010	0.0069	0.00096	Dense Forest
Eucalyptus	Twigs	2.1	0.0089	0.0059	0.00082	Dense Forest
Eucalyptus	Bark	2.1	0.0089	0.0059	0.00082	Dense Forest
Eucalyptus	Branches	2.1	0.0089	0.0059	0.00082	Dense Forest
Catechu	Leaves	2.1	0.0058	0.0038	0.00053	Dense Forest
Catechu	Twigs	2.1	0.0049	0.0033	0.00046	Dense Forest
Catechu	Bark	2.1	0.0049	0.0033	0.00046	Dense Forest
Catechu	Branches	2.1	0.0049	0.0033	0.00046	Dense Forest
Bamboo	Leaves	2.1	0.00077	0.00051	7.13E-05	Dense Forest
Others	Leaves	8.60E-05	5.96E-06	3.94E-06	5.52E-07	Scrub
Others	Twigs	8.60E-05	5.11E-06	3.38E-06	4.73E-07	Scrub
Others	Bark	8.60E-05	5.11E-06	3.38E-06	4.73E-07	Scrub
Others	Branches	8.60E-05	5.11E-06	3.38E-06	4.73E-07	Scrub
Teak	Leaves	8.60E-05	5.65E-07	3.74E-07	5.23E-08	Scrub
Teak	Twigs	8.60E-05	4.85E-07	3.20E-07	4.49E-08	Scrub
Teak	Bark	8.60E-05	4.85E-07	3.20E-07	4.49E-08	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Branches	8.60E-05	4.85E-07	3.20E-07	4.49E-08	Scrub
Bamboo	Stalk	8.60E-05	1.14E-07	7.56E-08	1.06E-08	Scrub
Eucalyptus	Leaves	8.60E-05	5.99E-08	3.96E-08	5.54E-09	Scrub
Eucalyptus	Twigs	8.60E-05	5.13E-08	3.39E-08	4.75E-09	Scrub
Eucalyptus	Bark	8.60E-05	5.13E-08	3.39E-08	4.75E-09	Scrub
Eucalyptus	Branches	8.60E-05	5.13E-08	3.39E-08	4.75E-09	Scrub
Catechu	Leaves	8.60E-05	3.33E-08	2.20E-08	3.08E-09	Scrub
Catechu	Twigs	8.60E-05	2.85E-08	1.88E-08	2.64E-09	Scrub
Catechu	Bark	8.60E-05	2.85E-08	1.88E-08	2.64E-09	Scrub
Catechu	Branches	8.60E-05	2.85E-08	1.88E-08	2.64E-09	Scrub
Bamboo	Leaves	8.60E-05	4.45E-09	2.94E-09	4.12E-10	Scrub
Total		2.1	4.1	2.7	0.38	

Taluk level Residue-wise Data for Dasada ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.53	0.092	0.061	0.0085	Open Forest
Others	Twigs	0.53	0.079	0.052	0.0073	Open Forest
Others	Bark	0.53	0.079	0.052	0.0073	Open Forest
Others	Branches	0.53	0.079	0.052	0.0073	Open Forest
Teak	Leaves	0.53	0.0087	0.0058	0.00081	Open Forest
Teak	Twigs	0.53	0.0075	0.0050	0.00069	Open Forest
Teak	Bark	0.53	0.0075	0.0050	0.00069	Open Forest
Teak	Branches	0.53	0.0075	0.0050	0.00069	Open Forest
Others	Leaves	0.080	0.0055	0.0037	0.00051	Scrub
Others	Twigs	0.080	0.0047	0.0031	0.00044	Scrub
Others	Bark	0.080	0.0047	0.0031	0.00044	Scrub
Others	Branches	0.080	0.0047	0.0031	0.00044	Scrub
Bamboo	Stalk	0.53	0.0018	0.0012	0.00016	Open Forest
Eucalyptus	Leaves	0.53	0.00093	0.00061	8.57E-05	Open Forest
Eucalyptus	Twigs	0.53	0.00079	0.00052	7.34E-05	Open Forest
Eucalyptus	Bark	0.53	0.00079	0.00052	7.34E-05	Open Forest
Eucalyptus	Branches	0.53	0.00079	0.00052	7.34E-05	Open Forest
Teak	Leaves	0.080	0.00052	0.00035	4.86E-05	Scrub
Catechu	Leaves	0.53	0.00051	0.00034	4.76E-05	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Bark	0.080	0.00045	0.00030	4.16E-05	Scrub
Teak	Branches	0.080	0.00045	0.00030	4.16E-05	Scrub
Teak	Twigs	0.080	0.00045	0.00030	4.16E-05	Scrub
Catechu	Twigs	0.53	0.00044	0.00029	4.08E-05	Open Forest
Catechu	Bark	0.53	0.00044	0.00029	4.08E-05	Open Forest
Catechu	Branches	0.53	0.00044	0.00029	4.08E-05	Open Forest
Bamboo	Stalk	0.080	0.00011	7.01E-05	9.82E-06	Scrub
Bamboo	Leaves	0.53	6.88E-05	4.54E-05	6.36E-06	Open Forest
Eucalyptus	Leaves	0.080	5.56E-05	3.67E-05	5.14E-06	Scrub
Eucalyptus	Twigs	0.080	4.76E-05	3.15E-05	4.41E-06	Scrub
Eucalyptus	Bark	0.080	4.76E-05	3.15E-05	4.41E-06	Scrub
Eucalyptus	Branches	0.080	4.76E-05	3.15E-05	4.41E-06	Scrub
Catechu	Leaves	0.080	3.09E-05	2.04E-05	2.86E-06	Scrub
Catechu	Twigs	0.080	2.65E-05	1.75E-05	2.45E-06	Scrub
Catechu	Bark	0.080	2.65E-05	1.75E-05	2.45E-06	Scrub
Catechu	Branches	0.080	2.65E-05	1.75E-05	2.45E-06	Scrub
Bamboo	Leaves	0.080	4.13E-06	2.73E-06	3.82E-07	Scrub
Total		0.61	0.39	0.26	0.036	

Taluk level Residue-wise Data for Muli ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.017	0.0082	0.0054	0.00076	Dense Forest
Others	Twigs	0.017	0.0070	0.0046	0.00065	Dense Forest
Others	Bark	0.017	0.0070	0.0046	0.00065	Dense Forest
Others	Branches	0.017	0.0070	0.0046	0.00065	Dense Forest
Others	Leaves	0.0065	0.0011	0.00075	0.00010	Open Forest
Others	Twigs	0.0065	0.00097	0.00064	9.00E-05	Open Forest
Others	Bark	0.0065	0.00097	0.00064	9.00E-05	Open Forest
Others	Branches	0.0065	0.00097	0.00064	9.00E-05	Open Forest
Teak	Leaves	0.017	0.00078	0.00051	7.20E-05	Dense Forest
Teak	Twigs	0.017	0.00067	0.00044	6.17E-05	Dense Forest
Teak	Bark	0.017	0.00067	0.00044	6.17E-05	Dense Forest
Teak	Branches	0.017	0.00067	0.00044	6.17E-05	Dense Forest
Bamboo	Stalk	0.017	0.00016	0.00010	1.46E-05	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Leaves	0.0065	0.00011	7.11E-05	9.96E-06	Open Forest
Teak	Twigs	0.0065	9.22E-05	6.10E-05	8.54E-06	Open Forest
Teak	Bark	0.0065	9.22E-05	6.10E-05	8.54E-06	Open Forest
Teak	Branches	0.0065	9.22E-05	6.10E-05	8.54E-06	Open Forest
Eucalyptus	Leaves	0.017	8.23E-05	5.44E-05	7.62E-06	Dense Forest
Eucalyptus	Twigs	0.017	7.06E-05	4.66E-05	6.53E-06	Dense Forest
Eucalyptus	Bark	0.017	7.06E-05	4.66E-05	6.53E-06	Dense Forest
Eucalyptus	Branches	0.017	7.06E-05	4.66E-05	6.53E-06	Dense Forest
Catechu	Leaves	0.017	4.57E-05	3.02E-05	4.23E-06	Dense Forest
Catechu	Twigs	0.017	3.92E-05	2.59E-05	3.63E-06	Dense Forest
Catechu	Bark	0.017	3.92E-05	2.59E-05	3.63E-06	Dense Forest
Catechu	Branches	0.017	3.92E-05	2.59E-05	3.63E-06	Dense Forest
Bamboo	Stalk	0.0065	2.18E-05	1.44E-05	2.01E-06	Open Forest
Eucalyptus	Leaves	0.0065	1.14E-05	7.53E-06	1.05E-06	Open Forest
Eucalyptus	Twigs	0.0065	9.77E-06	6.46E-06	9.04E-07	Open Forest
Eucalyptus	Bark	0.0065	9.77E-06	6.46E-06	9.04E-07	Open Forest
Eucalyptus	Branches	0.0065	9.77E-06	6.46E-06	9.04E-07	Open Forest
Catechu	Leaves	0.0065	6.33E-06	4.18E-06	5.86E-07	Open Forest
Bamboo	Leaves	0.017	6.11E-06	4.04E-06	5.66E-07	Dense Forest
Catechu	Twigs	0.0065	5.43E-06	3.59E-06	5.02E-07	Open Forest
Catechu	Bark	0.0065	5.43E-06	3.59E-06	5.02E-07	Open Forest
Catechu	Branches	0.0065	5.43E-06	3.59E-06	5.02E-07	Open Forest
Others	Leaves	5.20E-05	3.60E-06	2.38E-06	3.34E-07	Scrub
Others	Twigs	5.20E-05	3.09E-06	2.04E-06	2.86E-07	Scrub
Others	Bark	5.20E-05	3.09E-06	2.04E-06	2.86E-07	Scrub
Others	Branches	5.20E-05	3.09E-06	2.04E-06	2.86E-07	Scrub
Bamboo	Leaves	0.0065	8.46E-07	5.59E-07	7.83E-08	Open Forest
Teak	Leaves	5.20E-05	3.42E-07	2.26E-07	3.16E-08	Scrub
Teak	Twigs	5.20E-05	2.93E-07	1.94E-07	2.71E-08	Scrub
Teak	Bark	5.20E-05	2.93E-07	1.94E-07	2.71E-08	Scrub
Teak	Branches	5.20E-05	2.93E-07	1.94E-07	2.71E-08	Scrub
Bamboo	Stalk	5.20E-05	6.91E-08	4.57E-08	6.40E-09	Scrub
Eucalyptus	Leaves	5.20E-05	3.62E-08	2.39E-08	3.35E-09	Scrub
Eucalyptus	Twigs	5.20E-05	3.10E-08	2.05E-08	2.87E-09	Scrub
Eucalyptus	Bark	5.20E-05	3.10E-08	2.05E-08	2.87E-09	Scrub
Eucalyptus	Branches	5.20E-05	3.10E-08	2.05E-08	2.87E-09	Scrub
Catechu	Leaves	5.20E-05	2.01E-08	1.33E-08	1.86E-09	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Twigs	5.20E-05	1.72E-08	1.14E-08	1.60E-09	Scrub
Catechu	Bark	5.20E-05	1.72E-08	1.14E-08	1.60E-09	Scrub
Catechu	Branches	5.20E-05	1.72E-08	1.14E-08	1.60E-09	Scrub
Bamboo	Leaves	5.20E-05	2.69E-09	1.78E-09	2.49E-10	Scrub
Total		0.023	0.037	0.025	0.0034	

Taluk level Residue-wise Data for Dang ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	70.4	34.1	22.6	3.2	Dense Forest
Others	Twigs	70.4	29.3	19.3	2.7	Dense Forest
Others	Bark	70.4	29.3	19.3	2.7	Dense Forest
Others	Branches	70.4	29.3	19.3	2.7	Dense Forest
Others	Leaves	25.5	4.4	2.9	0.41	Open Forest
Others	Twigs	25.5	3.8	2.5	0.35	Open Forest
Others	Bark	25.5	3.8	2.5	0.35	Open Forest
Others	Branches	25.5	3.8	2.5	0.35	Open Forest
Teak	Leaves	70.4	3.2	2.1	0.30	Dense Forest
Teak	Twigs	70.4	2.8	1.8	0.26	Dense Forest
Teak	Bark	70.4	2.8	1.8	0.26	Dense Forest
Teak	Branches	70.4	2.8	1.8	0.26	Dense Forest
Others	Leaves	27.8	1.9	1.3	0.18	Scrub
Others	Twigs	27.8	1.7	1.1	0.15	Scrub
Others	Bark	27.8	1.7	1.1	0.15	Scrub
Others	Branches	27.8	1.7	1.1	0.15	Scrub
Bamboo	Stalk	70.4	0.65	0.43	0.061	Dense Forest
Teak	Leaves	25.5	0.42	0.28	0.039	Open Forest
Teak	Twigs	25.5	0.36	0.24	0.033	Open Forest
Teak	Bark	25.5	0.36	0.24	0.033	Open Forest
Teak	Branches	25.5	0.36	0.24	0.033	Open Forest
Eucalyptus	Leaves	70.4	0.34	0.23	0.032	Dense Forest
Eucalyptus	Twigs	70.4	0.29	0.19	0.027	Dense Forest
Eucalyptus	Bark	70.4	0.29	0.19	0.027	Dense Forest
Eucalyptus	Branches	70.4	0.29	0.19	0.027	Dense Forest
Catechu	Leaves	70.4	0.19	0.13	0.018	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Leaves	27.8	0.18	0.12	0.017	Scrub
Catechu	Twigs	70.4	0.16	0.11	0.015	Dense Forest
Catechu	Bark	70.4	0.16	0.11	0.015	Dense Forest
Catechu	Branches	70.4	0.16	0.11	0.015	Dense Forest
Teak	Twigs	27.8	0.16	0.10	0.014	Scrub
Teak	Bark	27.8	0.16	0.10	0.014	Scrub
Teak	Branches	27.8	0.16	0.10	0.014	Scrub
Bamboo	Stalk	25.5	0.085	0.056	0.0079	Open Forest
Eucalyptus	Leaves	25.5	0.044	0.029	0.0041	Open Forest
Eucalyptus	Twigs	25.5	0.038	0.025	0.0035	Open Forest
Eucalyptus	Bark	25.5	0.038	0.025	0.0035	Open Forest
Eucalyptus	Branches	25.5	0.038	0.025	0.0035	Open Forest
Bamboo	Stalk	27.8	0.037	0.024	0.0034	Scrub
Bamboo	Leaves	70.4	0.025	0.017	0.0024	Dense Forest
Catechu	Leaves	25.5	0.025	0.016	0.0023	Open Forest
Catechu	Twigs	25.5	0.021	0.014	0.0020	Open Forest
Catechu	Bark	25.5	0.021	0.014	0.0020	Open Forest
Catechu	Branches	25.5	0.021	0.014	0.0020	Open Forest
Eucalyptus	Leaves	27.8	0.019	0.013	0.0018	Scrub
Eucalyptus	Twigs	27.8	0.017	0.011	0.0015	Scrub
Eucalyptus	Bark	27.8	0.017	0.011	0.0015	Scrub
Eucalyptus	Branches	27.8	0.017	0.011	0.0015	Scrub
Catechu	Leaves	27.8	0.011	0.0071	0.00099	Scrub
Catechu	Twigs	27.8	0.0092	0.0061	0.00085	Scrub
Catechu	Bark	27.8	0.0092	0.0061	0.00085	Scrub
Catechu	Branches	27.8	0.0092	0.0061	0.00085	Scrub
Bamboo	Leaves	25.5	0.0033	0.0022	0.00031	Open Forest
Bamboo	Leaves	27.8	0.0014	0.00095	0.00013	Scrub
Total		123.7	161.4	106.7	14.9	

Taluk level Residue-wise Data for Chhota-Udepur ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	20.2	9.8	6.5	0.91	Dense Forest
Others	Twigs	20.2	8.4	5.5	0.78	Dense Forest
Others	Bark	20.2	8.4	5.5	0.78	Dense Forest
Others	Branches	20.2	8.4	5.5	0.78	Dense Forest
Teak	Leaves	20.2	0.93	0.61	0.086	Dense Forest
Teak	Twigs	20.2	0.80	0.53	0.074	Dense Forest
Teak	Bark	20.2	0.80	0.53	0.074	Dense Forest
Teak	Branches	20.2	0.80	0.53	0.074	Dense Forest
Others	Leaves	4.8	0.33	0.22	0.031	Scrub
Others	Twigs	4.8	0.28	0.19	0.026	Scrub
Others	Bark	4.8	0.28	0.19	0.026	Scrub
Others	Branches	4.8	0.28	0.19	0.026	Scrub
Others	Leaves	1.1	0.19	0.13	0.018	Open Forest
Bamboo	Stalk	20.2	0.19	0.12	0.017	Dense Forest
Others	Twigs	1.1	0.17	0.11	0.015	Open Forest
Others	Bark	1.1	0.17	0.11	0.015	Open Forest
Others	Branches	1.1	0.17	0.11	0.015	Open Forest
Eucalyptus	Leaves	20.2	0.098	0.065	0.0091	Dense Forest
Eucalyptus	Twigs	20.2	0.084	0.056	0.0078	Dense Forest
Eucalyptus	Bark	20.2	0.084	0.056	0.0078	Dense Forest
Eucalyptus	Branches	20.2	0.084	0.056	0.0078	Dense Forest
Catechu	Leaves	20.2	0.055	0.036	0.0051	Dense Forest
Catechu	Twigs	20.2	0.047	0.031	0.0043	Dense Forest
Catechu	Bark	20.2	0.047	0.031	0.0043	Dense Forest
Catechu	Branches	20.2	0.047	0.031	0.0043	Dense Forest
Teak	Leaves	4.8	0.031	0.021	0.0029	Scrub
Teak	Twigs	4.8	0.027	0.018	0.0025	Scrub
Teak	Bark	4.8	0.027	0.018	0.0025	Scrub
Teak	Branches	4.8	0.027	0.018	0.0025	Scrub
Teak	Leaves	1.1	0.018	0.012	0.0017	Open Forest
Teak	Twigs	1.1	0.016	0.010	0.0015	Open Forest
Teak	Bark	1.1	0.016	0.010	0.0015	Open Forest
Teak	Branches	1.1	0.016	0.010	0.0015	Open Forest
Bamboo	Leaves	20.2	0.0073	0.0048	0.00068	Dense Forest
Bamboo	Stalk	4.8	0.0064	0.0042	0.00059	Scrub
Bamboo	Stalk	1.1	0.0037	0.0025	0.00035	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Leaves	4.8	0.0033	0.0022	0.00031	Scrub
Eucalyptus	Twigs	4.8	0.0029	0.0019	0.00026	Scrub
Eucalyptus	Bark	4.8	0.0029	0.0019	0.00026	Scrub
Eucalyptus	Branches	4.8	0.0029	0.0019	0.00026	Scrub
Eucalyptus	Leaves	1.1	0.0020	0.0013	0.00018	Open Forest
Catechu	Leaves	4.8	0.0018	0.0012	0.00017	Scrub
Eucalyptus	Bark	1.1	0.0017	0.0011	0.00016	Open Forest
Eucalyptus	Branches	1.1	0.0017	0.0011	0.00016	Open Forest
Eucalyptus	Twigs	1.1	0.0017	0.0011	0.00016	Open Forest
Catechu	Twigs	4.8	0.0016	0.0010	0.00015	Scrub
Catechu	Bark	4.8	0.0016	0.0010	0.00015	Scrub
Catechu	Branches	4.8	0.0016	0.0010	0.00015	Scrub
Catechu	Leaves	1.1	0.0011	0.00072	0.00010	Open Forest
Catechu	Twigs	1.1	0.00093	0.00062	8.61E-05	Open Forest
Catechu	Bark	1.1	0.00093	0.00062	8.61E-05	Open Forest
Catechu	Branches	1.1	0.00093	0.00062	8.61E-05	Open Forest
Bamboo	Leaves	4.8	0.00025	0.00016	2.29E-05	Scrub
Bamboo	Leaves	1.1	0.00015	9.60E-05	1.34E-05	Open Forest
Total		26.1	41.1	27.2	3.8	

Taluk level Residue-wise Data for Jetpur-Pavi ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	5.8	2.8	1.9	0.26	Dense Forest
Others	Twigs	5.8	2.4	1.6	0.22	Dense Forest
Others	Bark	5.8	2.4	1.6	0.22	Dense Forest
Others	Branches	5.8	2.4	1.6	0.22	Dense Forest
Others	Leaves	11.0	1.9	1.3	0.18	Open Forest
Others	Twigs	11.0	1.6	1.1	0.15	Open Forest
Others	Bark	11.0	1.6	1.1	0.15	Open Forest
Others	Branches	11.0	1.6	1.1	0.15	Open Forest
Others	Leaves	6.6	0.46	0.30	0.042	Scrub
Others	Twigs	6.6	0.39	0.26	0.036	Scrub
Others	Bark	6.6	0.39	0.26	0.036	Scrub
Others	Branches	6.6	0.39	0.26	0.036	Scrub
Teak	Leaves	5.8	0.27	0.18	0.025	Dense Forest
Teak	Twigs	5.8	0.23	0.15	0.021	Dense Forest
Teak	Bark	5.8	0.23	0.15	0.021	Dense Forest
Teak	Branches	5.8	0.23	0.15	0.021	Dense Forest
Teak	Leaves	11.0	0.18	0.12	0.017	Open Forest
Teak	Twigs	11.0	0.16	0.10	0.014	Open Forest
Teak	Bark	11.0	0.16	0.10	0.014	Open Forest
Teak	Branches	11.0	0.16	0.10	0.014	Open Forest
Bamboo	Stalk	5.8	0.054	0.036	0.0050	Dense Forest
Teak	Leaves	6.6	0.043	0.029	0.0040	Scrub
Teak	Twigs	6.6	0.037	0.025	0.0034	Scrub
Teak	Bark	6.6	0.037	0.025	0.0034	Scrub
Teak	Branches	6.6	0.037	0.025	0.0034	Scrub
Bamboo	Stalk	11.0	0.037	0.024	0.0034	Open Forest
Eucalyptus	Leaves	5.8	0.028	0.019	0.0026	Dense Forest
Eucalyptus	Twigs	5.8	0.024	0.016	0.0022	Dense Forest
Eucalyptus	Bark	5.8	0.024	0.016	0.0022	Dense Forest
Eucalyptus	Branches	5.8	0.024	0.016	0.0022	Dense Forest
Eucalyptus	Leaves	11.0	0.019	0.013	0.0018	Open Forest
Eucalyptus	Twigs	11.0	0.016	0.011	0.0015	Open Forest
Eucalyptus	Bark	11.0	0.016	0.011	0.0015	Open Forest
Eucalyptus	Branches	11.0	0.016	0.011	0.0015	Open Forest
Catechu	Leaves	5.8	0.016	0.010	0.0015	Dense Forest
Catechu	Twigs	5.8	0.013	0.0089	0.0012	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Bark	5.8	0.013	0.0089	0.0012	Dense Forest
Catechu	Branches	5.8	0.013	0.0089	0.0012	Dense Forest
Catechu	Leaves	11.0	0.011	0.0070	0.00099	Open Forest
Catechu	Twigs	11.0	0.0091	0.0060	0.00085	Open Forest
Catechu	Bark	11.0	0.0091	0.0060	0.00085	Open Forest
Catechu	Branches	11.0	0.0091	0.0060	0.00085	Open Forest
Bamboo	Stalk	6.6	0.0088	0.0058	0.00081	Scrub
Eucalyptus	Leaves	6.6	0.0046	0.0030	0.00043	Scrub
Eucalyptus	Twigs	6.6	0.0039	0.0026	0.00037	Scrub
Eucalyptus	Bark	6.6	0.0039	0.0026	0.00037	Scrub
Eucalyptus	Branches	6.6	0.0039	0.0026	0.00037	Scrub
Catechu	Leaves	6.6	0.0026	0.0017	0.00024	Scrub
Catechu	Twigs	6.6	0.0022	0.0014	0.00020	Scrub
Catechu	Bark	6.6	0.0022	0.0014	0.00020	Scrub
Catechu	Branches	6.6	0.0022	0.0014	0.00020	Scrub
Bamboo	Leaves	5.8	0.0021	0.0014	0.00019	Dense Forest
Bamboo	Leaves	11.0	0.0014	0.00094	0.00013	Open Forest
Bamboo	Leaves	6.6	0.00034	0.00023	3.17E-05	Scrub
Total		23.4	20.7	13.7	1.9	

Taluk level Residue-wise Data for Kawant ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	7.9	3.8	2.5	0.36	Dense Forest
Others	Twigs	7.9	3.3	2.2	0.30	Dense Forest
Others	Bark	7.9	3.3	2.2	0.30	Dense Forest
Others	Branches	7.9	3.3	2.2	0.30	Dense Forest
Teak	Leaves	7.9	0.36	0.24	0.034	Dense Forest
Teak	Twigs	7.9	0.31	0.21	0.029	Dense Forest
Teak	Bark	7.9	0.31	0.21	0.029	Dense Forest
Teak	Branches	7.9	0.31	0.21	0.029	Dense Forest
Others	Leaves	1.6	0.28	0.18	0.026	Open Forest
Others	Twigs	1.6	0.24	0.16	0.022	Open Forest
Others	Bark	1.6	0.24	0.16	0.022	Open Forest
Others	Branches	1.6	0.24	0.16	0.022	Open Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.6	0.18	0.12	0.017	Scrub
Others	Twigs	2.6	0.15	0.10	0.014	Scrub
Others	Bark	2.6	0.15	0.10	0.014	Scrub
Others	Branches	2.6	0.15	0.10	0.014	Scrub
Bamboo	Stalk	7.9	0.074	0.049	0.0068	Dense Forest
Eucalyptus	Leaves	7.9	0.039	0.026	0.0036	Dense Forest
Eucalyptus	Twigs	7.9	0.033	0.022	0.0031	Dense Forest
Eucalyptus	Bark	7.9	0.033	0.022	0.0031	Dense Forest
Eucalyptus	Branches	7.9	0.033	0.022	0.0031	Dense Forest
Teak	Leaves	1.6	0.026	0.017	0.0024	Open Forest
Teak	Twigs	1.6	0.023	0.015	0.0021	Open Forest
Teak	Bark	1.6	0.023	0.015	0.0021	Open Forest
Teak	Branches	1.6	0.023	0.015	0.0021	Open Forest
Catechu	Leaves	7.9	0.021	0.014	0.0020	Dense Forest
Catechu	Twigs	7.9	0.018	0.012	0.0017	Dense Forest
Catechu	Bark	7.9	0.018	0.012	0.0017	Dense Forest
Catechu	Branches	7.9	0.018	0.012	0.0017	Dense Forest
Teak	Leaves	2.6	0.017	0.011	0.0016	Scrub
Teak	Twigs	2.6	0.015	0.0096	0.0013	Scrub
Teak	Bark	2.6	0.015	0.0096	0.0013	Scrub
Teak	Branches	2.6	0.015	0.0096	0.0013	Scrub
Bamboo	Stalk	1.6	0.0053	0.0035	0.00049	Open Forest
Bamboo	Stalk	2.6	0.0034	0.0023	0.00032	Scrub
Bamboo	Leaves	7.9	0.0029	0.0019	0.00027	Dense Forest
Eucalyptus	Leaves	1.6	0.0028	0.0018	0.00026	Open Forest
Eucalyptus	Twigs	1.6	0.0024	0.0016	0.00022	Open Forest
Eucalyptus	Bark	1.6	0.0024	0.0016	0.00022	Open Forest
Eucalyptus	Branches	1.6	0.0024	0.0016	0.00022	Open Forest
Eucalyptus	Leaves	2.6	0.0018	0.0012	0.00017	Scrub
Catechu	Leaves	1.6	0.0015	0.0010	0.00014	Open Forest
Eucalyptus	Twigs	2.6	0.0015	0.0010	0.00014	Scrub
Eucalyptus	Bark	2.6	0.0015	0.0010	0.00014	Scrub
Eucalyptus	Branches	2.6	0.0015	0.0010	0.00014	Scrub
Catechu	Twigs	1.6	0.0013	0.00088	0.00012	Open Forest
Catechu	Bark	1.6	0.0013	0.00088	0.00012	Open Forest
Catechu	Branches	1.6	0.0013	0.00088	0.00012	Open Forest
Catechu	Leaves	2.6	0.00100	0.00066	9.23E-05	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Twigs	2.6	0.00086	0.00057	7.91E-05	Scrub
Catechu	Bark	2.6	0.00086	0.00057	7.91E-05	Scrub
Catechu	Branches	2.6	0.00086	0.00057	7.91E-05	Scrub
Bamboo	Leaves	1.6	0.00021	0.00014	1.91E-05	Open Forest
Bamboo	Leaves	2.6	0.00013	8.82E-05	1.23E-05	Scrub
Total		12.1	17.1	11.3	1.6	

Taluk level Residue-wise Data for Naswadi ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.9	0.13	0.086	0.012	Scrub
Others	Twigs	1.9	0.11	0.074	0.010	Scrub
Others	Bark	1.9	0.11	0.074	0.010	Scrub
Others	Branches	1.9	0.11	0.074	0.010	Scrub
Others	Leaves	0.25	0.044	0.029	0.0040	Open Forest
Others	Twigs	0.25	0.037	0.025	0.0035	Open Forest
Others	Bark	0.25	0.037	0.025	0.0035	Open Forest
Others	Branches	0.25	0.037	0.025	0.0035	Open Forest
Others	Leaves	0.043	0.021	0.014	0.0019	Dense Forest
Others	Twigs	0.043	0.018	0.012	0.0017	Dense Forest
Others	Bark	0.043	0.018	0.012	0.0017	Dense Forest
Others	Branches	0.043	0.018	0.012	0.0017	Dense Forest
Teak	Leaves	1.9	0.012	0.0082	0.0011	Scrub
Teak	Twigs	1.9	0.011	0.0070	0.00098	Scrub
Teak	Bark	1.9	0.011	0.0070	0.00098	Scrub
Teak	Branches	1.9	0.011	0.0070	0.00098	Scrub
Teak	Leaves	0.25	0.0041	0.0027	0.00038	Open Forest
Teak	Twigs	0.25	0.0036	0.0024	0.00033	Open Forest
Teak	Bark	0.25	0.0036	0.0024	0.00033	Open Forest
Teak	Branches	0.25	0.0036	0.0024	0.00033	Open Forest
Bamboo	Stalk	1.9	0.0025	0.0017	0.00023	Scrub
Teak	Leaves	0.043	0.0020	0.0013	0.00018	Dense Forest
Teak	Twigs	0.043	0.0017	0.0011	0.00016	Dense Forest
Teak	Bark	0.043	0.0017	0.0011	0.00016	Dense Forest
Teak	Branches	0.043	0.0017	0.0011	0.00016	Dense Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Leaves	1.9	0.0013	0.00087	0.00012	Scrub
Eucalyptus	Twigs	1.9	0.0011	0.00074	0.00010	Scrub
Eucalyptus	Bark	1.9	0.0011	0.00074	0.00010	Scrub
Eucalyptus	Branches	1.9	0.0011	0.00074	0.00010	Scrub
Bamboo	Stalk	0.25	0.00084	0.00055	7.76E-05	Open Forest
Catechu	Leaves	1.9	0.00073	0.00048	6.76E-05	Scrub
Catechu	Twigs	1.9	0.00063	0.00041	5.79E-05	Scrub
Catechu	Bark	1.9	0.00063	0.00041	5.79E-05	Scrub
Catechu	Branches	1.9	0.00063	0.00041	5.79E-05	Scrub
Eucalyptus	Leaves	0.25	0.00044	0.00029	4.06E-05	Open Forest
Bamboo	Stalk	0.043	0.00040	0.00027	3.71E-05	Dense Forest
Eucalyptus	Twigs	0.25	0.00038	0.00025	3.48E-05	Open Forest
Eucalyptus	Bark	0.25	0.00038	0.00025	3.48E-05	Open Forest
Eucalyptus	Branches	0.25	0.00038	0.00025	3.48E-05	Open Forest
Catechu	Leaves	0.25	0.00024	0.00016	2.26E-05	Open Forest
Eucalyptus	Leaves	0.043	0.00021	0.00014	1.94E-05	Dense Forest
Catechu	Twigs	0.25	0.00021	0.00014	1.94E-05	Open Forest
Catechu	Bark	0.25	0.00021	0.00014	1.94E-05	Open Forest
Catechu	Branches	0.25	0.00021	0.00014	1.94E-05	Open Forest
Eucalyptus	Bark	0.043	0.00018	0.00012	1.67E-05	Dense Forest
Eucalyptus	Branches	0.043	0.00018	0.00012	1.67E-05	Dense Forest
Eucalyptus	Twigs	0.043	0.00018	0.00012	1.67E-05	Dense Forest
Catechu	Leaves	0.043	0.00012	7.72E-05	1.08E-05	Dense Forest
Catechu	Twigs	0.043	0.00010	6.61E-05	9.26E-06	Dense Forest
Catechu	Bark	0.043	0.00010	6.61E-05	9.26E-06	Dense Forest
Catechu	Branches	0.043	0.00010	6.61E-05	9.26E-06	Dense Forest
Bamboo	Leaves	1.9	9.76E-05	6.45E-05	9.03E-06	Scrub
Bamboo	Leaves	0.25	3.26E-05	2.16E-05	3.02E-06	Open Forest
Bamboo	Leaves	0.043	1.56E-05	1.03E-05	1.44E-06	Dense Forest
Total		2.2	0.78	0.52	0.072	

Taluk level Residue-wise Data for Sankheda ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	3.4	1.7	1.1	0.15	Dense Forest
Others	Twigs	3.4	1.4	0.95	0.13	Dense Forest
Others	Bark	3.4	1.4	0.95	0.13	Dense Forest
Others	Branches	3.4	1.4	0.95	0.13	Dense Forest
Teak	Leaves	3.4	0.16	0.10	0.015	Dense Forest
Teak	Twigs	3.4	0.14	0.090	0.013	Dense Forest
Teak	Bark	3.4	0.14	0.090	0.013	Dense Forest
Teak	Branches	3.4	0.14	0.090	0.013	Dense Forest
Bamboo	Stalk	3.4	0.032	0.021	0.0030	Dense Forest
Eucalyptus	Leaves	3.4	0.017	0.011	0.0016	Dense Forest
Others	Leaves	0.22	0.015	0.010	0.0014	Scrub
Eucalyptus	Twigs	3.4	0.014	0.0095	0.0013	Dense Forest
Eucalyptus	Bark	3.4	0.014	0.0095	0.0013	Dense Forest
Eucalyptus	Branches	3.4	0.014	0.0095	0.0013	Dense Forest
Others	Twigs	0.22	0.013	0.0087	0.0012	Scrub
Others	Bark	0.22	0.013	0.0087	0.0012	Scrub
Others	Branches	0.22	0.013	0.0087	0.0012	Scrub
Catechu	Leaves	3.4	0.0093	0.0062	0.00086	Dense Forest
Catechu	Twigs	3.4	0.0080	0.0053	0.00074	Dense Forest
Catechu	Bark	3.4	0.0080	0.0053	0.00074	Dense Forest
Catechu	Branches	3.4	0.0080	0.0053	0.00074	Dense Forest
Others	Leaves	0.021	0.0036	0.0024	0.00034	Open Forest
Others	Twigs	0.021	0.0031	0.0021	0.00029	Open Forest
Others	Bark	0.021	0.0031	0.0021	0.00029	Open Forest
Others	Branches	0.021	0.0031	0.0021	0.00029	Open Forest
Teak	Leaves	0.22	0.0015	0.00096	0.00013	Scrub
Bamboo	Leaves	3.4	0.0012	0.00082	0.00012	Dense Forest
Teak	Twigs	0.22	0.0012	0.00082	0.00012	Scrub
Teak	Bark	0.22	0.0012	0.00082	0.00012	Scrub
Teak	Branches	0.22	0.0012	0.00082	0.00012	Scrub
Teak	Leaves	0.021	0.00035	0.00023	3.20E-05	Open Forest
Teak	Twigs	0.021	0.00030	0.00020	2.74E-05	Open Forest
Teak	Bark	0.021	0.00030	0.00020	2.74E-05	Open Forest
Teak	Branches	0.021	0.00030	0.00020	2.74E-05	Open Forest
Bamboo	Stalk	0.22	0.00029	0.00019	2.72E-05	Scrub
Eucalyptus	Leaves	0.22	0.00015	0.00010	1.42E-05	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Twigs	0.22	0.00013	8.71E-05	1.22E-05	Scrub
Eucalyptus	Bark	0.22	0.00013	8.71E-05	1.22E-05	Scrub
Eucalyptus	Branches	0.22	0.00013	8.71E-05	1.22E-05	Scrub
Catechu	Leaves	0.22	8.54E-05	5.65E-05	7.90E-06	Scrub
Catechu	Twigs	0.22	7.32E-05	4.84E-05	6.77E-06	Scrub
Catechu	Bark	0.22	7.32E-05	4.84E-05	6.77E-06	Scrub
Catechu	Branches	0.22	7.32E-05	4.84E-05	6.77E-06	Scrub
Bamboo	Stalk	0.021	6.99E-05	4.62E-05	6.47E-06	Open Forest
Eucalyptus	Leaves	0.021	3.66E-05	2.42E-05	3.39E-06	Open Forest
Eucalyptus	Twigs	0.021	3.14E-05	2.07E-05	2.90E-06	Open Forest
Eucalyptus	Bark	0.021	3.14E-05	2.07E-05	2.90E-06	Open Forest
Eucalyptus	Branches	0.021	3.14E-05	2.07E-05	2.90E-06	Open Forest
Catechu	Leaves	0.021	2.03E-05	1.34E-05	1.88E-06	Open Forest
Catechu	Twigs	0.021	1.74E-05	1.15E-05	1.61E-06	Open Forest
Catechu	Bark	0.021	1.74E-05	1.15E-05	1.61E-06	Open Forest
Catechu	Branches	0.021	1.74E-05	1.15E-05	1.61E-06	Open Forest
Bamboo	Leaves	0.22	1.14E-05	7.55E-06	1.06E-06	Scrub
Bamboo	Leaves	0.021	2.72E-06	1.80E-06	2.52E-07	Open Forest
Total		3.7	6.7	4.5	0.62	

Taluk level Residue-wise Data for Dharampur ; Biomass Class : Forest

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	42.0	7.3	4.8	0.67	Open Forest
Others	Twigs	42.0	6.2	4.1	0.58	Open Forest
Others	Bark	42.0	6.2	4.1	0.58	Open Forest
Others	Branches	42.0	6.2	4.1	0.58	Open Forest
Others	Leaves	2.9	1.4	0.93	0.13	Dense Forest
Others	Twigs	2.9	1.2	0.80	0.11	Dense Forest
Others	Bark	2.9	1.2	0.80	0.11	Dense Forest
Others	Branches	2.9	1.2	0.80	0.11	Dense Forest
Teak	Leaves	42.0	0.69	0.46	0.064	Open Forest
Teak	Twigs	42.0	0.59	0.39	0.055	Open Forest
Teak	Bark	42.0	0.59	0.39	0.055	Open Forest
Teak	Branches	42.0	0.59	0.39	0.055	Open Forest
Bamboo	Stalk	42.0	0.14	0.092	0.013	Open Forest
Teak	Leaves	2.9	0.13	0.089	0.012	Dense Forest
Teak	Twigs	2.9	0.11	0.076	0.011	Dense Forest
Teak	Bark	2.9	0.11	0.076	0.011	Dense Forest
Teak	Branches	2.9	0.11	0.076	0.011	Dense Forest
Others	Leaves	1.1	0.075	0.050	0.0069	Scrub
Eucalyptus	Leaves	42.0	0.073	0.048	0.0068	Open Forest
Others	Twigs	1.1	0.064	0.042	0.0059	Scrub
Others	Bark	1.1	0.064	0.042	0.0059	Scrub
Others	Branches	1.1	0.064	0.042	0.0059	Scrub
Eucalyptus	Twigs	42.0	0.063	0.041	0.0058	Open Forest
Eucalyptus	Bark	42.0	0.063	0.041	0.0058	Open Forest
Eucalyptus	Branches	42.0	0.063	0.041	0.0058	Open Forest
Catechu	Leaves	42.0	0.041	0.027	0.0038	Open Forest
Catechu	Twigs	42.0	0.035	0.023	0.0032	Open Forest
Catechu	Bark	42.0	0.035	0.023	0.0032	Open Forest
Catechu	Branches	42.0	0.035	0.023	0.0032	Open Forest
Bamboo	Stalk	2.9	0.027	0.018	0.0025	Dense Forest
Eucalyptus	Leaves	2.9	0.014	0.0094	0.0013	Dense Forest
Eucalyptus	Twigs	2.9	0.012	0.0080	0.0011	Dense Forest
Eucalyptus	Bark	2.9	0.012	0.0080	0.0011	Dense Forest
Eucalyptus	Branches	2.9	0.012	0.0080	0.0011	Dense Forest
Catechu	Leaves	2.9	0.0079	0.0052	0.00073	Dense Forest
Teak	Leaves	1.1	0.0071	0.0047	0.00066	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Twigs	2.9	0.0068	0.0045	0.00063	Dense Forest
Catechu	Bark	2.9	0.0068	0.0045	0.00063	Dense Forest
Catechu	Branches	2.9	0.0068	0.0045	0.00063	Dense Forest
Teak	Twigs	1.1	0.0061	0.0040	0.00056	Scrub
Teak	Bark	1.1	0.0061	0.0040	0.00056	Scrub
Teak	Branches	1.1	0.0061	0.0040	0.00056	Scrub
Bamboo	Leaves	42.0	0.0054	0.0036	0.00050	Open Forest
Bamboo	Stalk	1.1	0.0014	0.00095	0.00013	Scrub
Bamboo	Leaves	2.9	0.0011	0.00070	9.76E-05	Dense Forest
Eucalyptus	Leaves	1.1	0.00075	0.00050	6.97E-05	Scrub
Eucalyptus	Twigs	1.1	0.00065	0.00043	5.97E-05	Scrub
Eucalyptus	Bark	1.1	0.00065	0.00043	5.97E-05	Scrub
Eucalyptus	Branches	1.1	0.00065	0.00043	5.97E-05	Scrub
Catechu	Leaves	1.1	0.00042	0.00028	3.87E-05	Scrub
Catechu	Twigs	1.1	0.00036	0.00024	3.32E-05	Scrub
Catechu	Bark	1.1	0.00036	0.00024	3.32E-05	Scrub
Catechu	Branches	1.1	0.00036	0.00024	3.32E-05	Scrub
Bamboo	Leaves	1.1	5.59E-05	3.70E-05	5.18E-06	Scrub
Total		45.9	34.9	23.1	3.2	

Taluk level Residue-wise Data for Kaprada ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	33.2	5.7	3.8	0.53	Open Forest
Others	Twigs	33.2	4.9	3.3	0.46	Open Forest
Others	Bark	33.2	4.9	3.3	0.46	Open Forest
Others	Branches	33.2	4.9	3.3	0.46	Open Forest
Others	Leaves	3.1	1.5	0.99	0.14	Dense Forest
Others	Twigs	3.1	1.3	0.85	0.12	Dense Forest
Others	Bark	3.1	1.3	0.85	0.12	Dense Forest
Others	Branches	3.1	1.3	0.85	0.12	Dense Forest
Others	Leaves	10.4	0.72	0.48	0.067	Scrub
Others	Twigs	10.4	0.62	0.41	0.057	Scrub
Others	Bark	10.4	0.62	0.41	0.057	Scrub
Others	Branches	10.4	0.62	0.41	0.057	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Teak	Leaves	33.2	0.55	0.36	0.050	Open Forest
Teak	Twigs	33.2	0.47	0.31	0.043	Open Forest
Teak	Bark	33.2	0.47	0.31	0.043	Open Forest
Teak	Branches	33.2	0.47	0.31	0.043	Open Forest
Teak	Leaves	3.1	0.14	0.094	0.013	Dense Forest
Teak	Twigs	3.1	0.12	0.081	0.011	Dense Forest
Teak	Bark	3.1	0.12	0.081	0.011	Dense Forest
Teak	Branches	3.1	0.12	0.081	0.011	Dense Forest
Bamboo	Stalk	33.2	0.11	0.073	0.010	Open Forest
Teak	Leaves	10.4	0.068	0.045	0.0063	Scrub
Teak	Twigs	10.4	0.059	0.039	0.0054	Scrub
Teak	Bark	10.4	0.059	0.039	0.0054	Scrub
Teak	Branches	10.4	0.059	0.039	0.0054	Scrub
Eucalyptus	Leaves	33.2	0.058	0.038	0.0053	Open Forest
Eucalyptus	Twigs	33.2	0.049	0.033	0.0046	Open Forest
Eucalyptus	Bark	33.2	0.049	0.033	0.0046	Open Forest
Eucalyptus	Branches	33.2	0.049	0.033	0.0046	Open Forest
Catechu	Leaves	33.2	0.032	0.021	0.0030	Open Forest
Bamboo	Stalk	3.1	0.029	0.019	0.0027	Dense Forest
Catechu	Twigs	33.2	0.027	0.018	0.0025	Open Forest
Catechu	Bark	33.2	0.027	0.018	0.0025	Open Forest
Catechu	Branches	33.2	0.027	0.018	0.0025	Open Forest
Eucalyptus	Leaves	3.1	0.015	0.0100	0.0014	Dense Forest
Bamboo	Stalk	10.4	0.014	0.0092	0.0013	Scrub
Eucalyptus	Twigs	3.1	0.013	0.0085	0.0012	Dense Forest
Eucalyptus	Bark	3.1	0.013	0.0085	0.0012	Dense Forest
Eucalyptus	Branches	3.1	0.013	0.0085	0.0012	Dense Forest
Catechu	Leaves	3.1	0.0084	0.0055	0.00078	Dense Forest
Eucalyptus	Leaves	10.4	0.0073	0.0048	0.00067	Scrub
Catechu	Twigs	3.1	0.0072	0.0047	0.00066	Dense Forest
Catechu	Bark	3.1	0.0072	0.0047	0.00066	Dense Forest
Catechu	Branches	3.1	0.0072	0.0047	0.00066	Dense Forest
Eucalyptus	Twigs	10.4	0.0062	0.0041	0.00058	Scrub
Eucalyptus	Bark	10.4	0.0062	0.0041	0.00058	Scrub
Eucalyptus	Branches	10.4	0.0062	0.0041	0.00058	Scrub
Bamboo	Leaves	33.2	0.0043	0.0028	0.00040	Open Forest
Catechu	Leaves	10.4	0.0040	0.0027	0.00037	Scrub

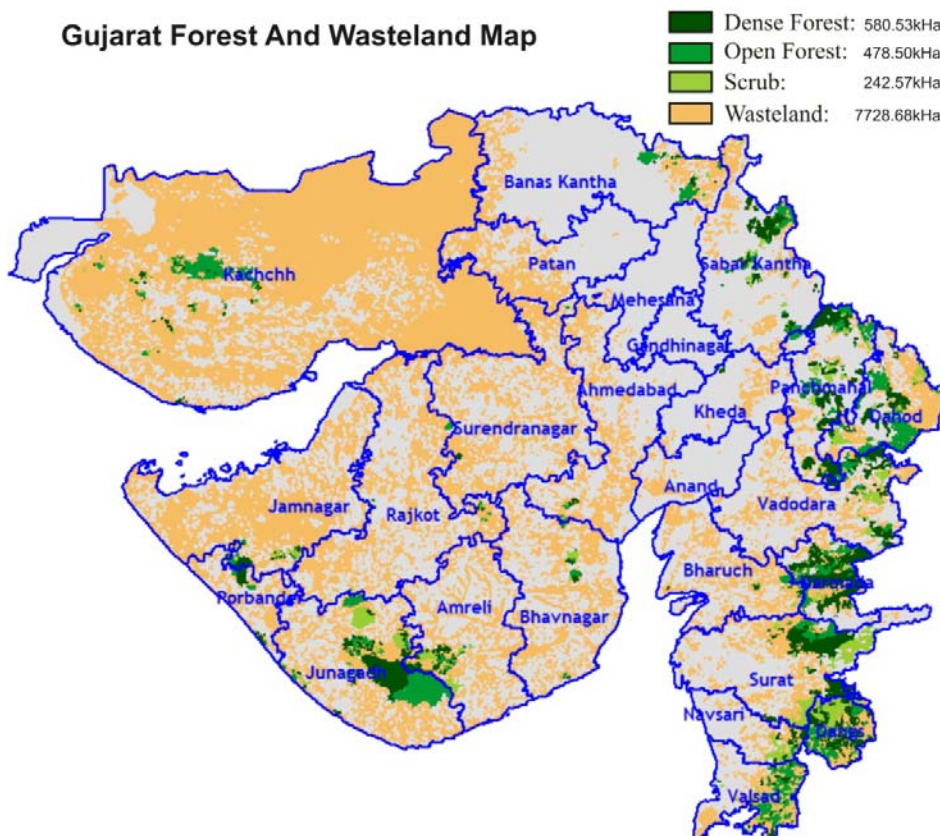
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Catechu	Twigs	10.4	0.0035	0.0023	0.00032	Scrub
Catechu	Bark	10.4	0.0035	0.0023	0.00032	Scrub
Catechu	Branches	10.4	0.0035	0.0023	0.00032	Scrub
Bamboo	Leaves	3.1	0.0011	0.00074	0.00010	Dense Forest
Bamboo	Leaves	10.4	0.00054	0.00036	4.98E-05	Scrub
Total		46.7	31.8	21.0	2.9	

Taluk level Residue-wise Data for Pardi ; Biomass Class : Forest						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.15	0.075	0.049	0.0069	Dense Forest
Others	Twigs	0.15	0.064	0.042	0.0059	Dense Forest
Others	Bark	0.15	0.064	0.042	0.0059	Dense Forest
Others	Branches	0.15	0.064	0.042	0.0059	Dense Forest
Others	Leaves	0.15	0.025	0.017	0.0023	Open Forest
Others	Twigs	0.15	0.022	0.014	0.0020	Open Forest
Others	Bark	0.15	0.022	0.014	0.0020	Open Forest
Others	Branches	0.15	0.022	0.014	0.0020	Open Forest
Others	Leaves	0.17	0.012	0.0076	0.0011	Scrub
Others	Twigs	0.17	0.0099	0.0065	0.00091	Scrub
Others	Bark	0.17	0.0099	0.0065	0.00091	Scrub
Others	Branches	0.17	0.0099	0.0065	0.00091	Scrub
Teak	Leaves	0.15	0.0071	0.0047	0.00065	Dense Forest
Teak	Twigs	0.15	0.0061	0.0040	0.00056	Dense Forest
Teak	Bark	0.15	0.0061	0.0040	0.00056	Dense Forest
Teak	Branches	0.15	0.0061	0.0040	0.00056	Dense Forest
Teak	Leaves	0.15	0.0024	0.0016	0.00022	Open Forest
Teak	Twigs	0.15	0.0021	0.0014	0.00019	Open Forest
Teak	Bark	0.15	0.0021	0.0014	0.00019	Open Forest
Teak	Branches	0.15	0.0021	0.0014	0.00019	Open Forest
Bamboo	Stalk	0.15	0.0014	0.00095	0.00013	Dense Forest
Teak	Leaves	0.17	0.0011	0.00072	0.00010	Scrub
Teak	Twigs	0.17	0.00094	0.00062	8.68E-05	Scrub
Teak	Bark	0.17	0.00094	0.00062	8.68E-05	Scrub
Teak	Branches	0.17	0.00094	0.00062	8.68E-05	Scrub

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Leaves	0.15	0.00075	0.00049	6.93E-05	Dense Forest
Eucalyptus	Twigs	0.15	0.00064	0.00042	5.94E-05	Dense Forest
Eucalyptus	Bark	0.15	0.00064	0.00042	5.94E-05	Dense Forest
Eucalyptus	Branches	0.15	0.00064	0.00042	5.94E-05	Dense Forest
Bamboo	Stalk	0.15	0.00048	0.00032	4.48E-05	Open Forest
Catechu	Leaves	0.15	0.00042	0.00027	3.85E-05	Dense Forest
Catechu	Twigs	0.15	0.00036	0.00024	3.30E-05	Dense Forest
Catechu	Bark	0.15	0.00036	0.00024	3.30E-05	Dense Forest
Catechu	Branches	0.15	0.00036	0.00024	3.30E-05	Dense Forest
Eucalyptus	Leaves	0.15	0.00025	0.00017	2.35E-05	Open Forest
Bamboo	Stalk	0.17	0.00022	0.00015	2.05E-05	Scrub
Eucalyptus	Twigs	0.15	0.00022	0.00014	2.01E-05	Open Forest
Eucalyptus	Bark	0.15	0.00022	0.00014	2.01E-05	Open Forest
Eucalyptus	Branches	0.15	0.00022	0.00014	2.01E-05	Open Forest
Catechu	Leaves	0.15	0.00014	9.31E-05	1.30E-05	Open Forest
Catechu	Twigs	0.15	0.00012	7.98E-05	1.12E-05	Open Forest
Catechu	Bark	0.15	0.00012	7.98E-05	1.12E-05	Open Forest
Catechu	Branches	0.15	0.00012	7.98E-05	1.12E-05	Open Forest
Eucalyptus	Leaves	0.17	0.00012	7.66E-05	1.07E-05	Scrub
Eucalyptus	Twigs	0.17	9.93E-05	6.56E-05	9.19E-06	Scrub
Eucalyptus	Bark	0.17	9.93E-05	6.56E-05	9.19E-06	Scrub
Eucalyptus	Branches	0.17	9.93E-05	6.56E-05	9.19E-06	Scrub
Catechu	Leaves	0.17	6.44E-05	4.25E-05	5.96E-06	Scrub
Bamboo	Leaves	0.15	5.56E-05	3.68E-05	5.15E-06	Dense Forest
Catechu	Bark	0.17	5.52E-05	3.65E-05	5.11E-06	Scrub
Catechu	Branches	0.17	5.52E-05	3.65E-05	5.11E-06	Scrub
Catechu	Twigs	0.17	5.52E-05	3.65E-05	5.11E-06	Scrub
Bamboo	Leaves	0.15	1.88E-05	1.24E-05	1.74E-06	Open Forest
Bamboo	Leaves	0.17	8.60E-06	5.69E-06	7.96E-07	Scrub
Total		0.47	0.44	0.29	0.041	

Wasteland

Gujarat Forest And Wasteland Map



State Level Residue Wise

State level Residue-wise Data for Gujarat; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	7728.7	2678.4	1801.1	252.2	Wasteland
Others	Branches	7728.7	2295.8	1543.8	216.1	Wasteland
Others	Bark	7728.7	2295.8	1543.8	216.1	Wasteland
Others	Twigs	7728.7	2295.8	1543.8	216.1	Wasteland
Teak	Leaves	7728.7	254.1	170.9	23.9	Wasteland
Teak	Twigs	7728.7	217.8	146.5	20.5	Wasteland
Teak	Bark	7728.7	217.8	146.5	20.5	Wasteland
Teak	Branches	7728.7	217.8	146.5	20.5	Wasteland
Bamboo	Stalk	7728.7	51.4	34.6	4.8	Wasteland

Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Eucalyptus	Leaves	7728.7	26.9	18.1	2.5	Wasteland
Eucalyptus	Bark	7728.7	23.1	15.5	2.2	Wasteland
Eucalyptus	Branches	7728.7	23.1	15.5	2.2	Wasteland
Eucalyptus	Twigs	7728.7	23.1	15.5	2.2	Wasteland
Catechu	Leaves	7728.7	14.9	10.1	1.4	Wasteland
Catechu	Twigs	7728.7	12.8	8.6	1.2	Wasteland
Catechu	Bark	7728.7	12.8	8.6	1.2	Wasteland
Catechu	Branches	7728.7	12.8	8.6	1.2	Wasteland
Bamboo	Leaves	7728.7	2.0	1.3	0.19	Wasteland
Total		7728.7	10676.1	7179.2	1005.1	

State Level District Wise

State level District-wise Data for Gujarat ; Biomass Class : Wasteland				
District	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kachchh	3095.0	4275.3	2826.1	395.6
Jamnagar	781.2	1079.1	713.3	99.9
Rajkot	687.2	949.3	627.5	87.9
Surendranagar	482.9	667.0	440.9	61.7
Bhavnagar	408.1	563.7	372.6	52.2
Junagadh	290.9	401.9	265.7	37.2
Patan	214.9	296.8	237.5	33.2
Amreli	245.3	338.9	224.0	31.4
Ahmedabad	215.5	297.6	196.7	27.5
Vadodara	196.6	271.6	179.5	25.1
Surat	154.3	213.1	148.8	20.8
Bharuch	160.7	222.1	146.8	20.5
Dahod	125.3	173.0	138.4	19.4
Porbander	115.3	159.3	127.4	17.8
Banaskantha	136.2	188.2	124.4	17.4
Narmada	69.1	95.5	76.4	10.7
Valsad	70.2	97.0	64.1	9.0
Sabarkantha	66.2	91.5	60.5	8.5

District	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
The dangs	55.4	76.6	50.6	7.1
Anand	45.3	62.6	50.1	7.0
Panchmahal	39.5	54.6	36.1	5.0
Kheda	39.4	54.4	36.0	5.0
Navsari	24.2	33.4	26.8	3.7
Mahesana	9.8	13.5	9.0	1.3
Gandhinagar	0.12	0.17	0.11	0.015
Total	7728.7	10676.1	7179.2	1005.1

State Level Taluk Wise

State level Taluk-wise Data for Gujarat ; Biomass Class : Wasteland					
District	Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kachchh	Rann_Of_Kachchh	1769.4	2444.2	1615.7	226.2
Kachchh	Bhuj	349.1	482.3	318.8	44.6
Kachchh	Rapar	199.7	275.8	182.3	25.5
Kachchh	Lakhpat	165.6	228.7	151.2	21.2
Kachchh	Abadasa	145.8	201.4	133.1	18.6
Patan	Sami	107.9	149.0	119.2	16.7
Kachchh	Bhachau	130.5	180.3	119.2	16.7
Jamnagar	Kalyanpur	125.7	173.7	114.8	16.1
Surendranagar	Dasada	104.2	144.0	95.2	13.3
Jamnagar	Khambhaliya	103.8	143.4	94.8	13.3
Patan	Santalpur	85.7	118.4	94.7	13.3
Jamnagar	Lalpur	100.1	138.2	91.4	12.8
Rajkot	Morvi	99.9	138.0	91.2	12.8
Kachchh	Nakhtrana	96.7	133.5	88.3	12.4
Jamnagar	Kalavad	95.4	131.8	87.1	12.2
Kachchh	Mandvi	89.0	123.0	81.3	11.4
Surendranagar	Chotila	87.8	121.3	80.2	11.2
Rajkot	Vankaner	87.1	120.3	79.5	11.1
Jamnagar	Jamjodhpur	87.0	120.1	79.4	11.1
Rajkot	Jasdan	86.6	119.6	79.0	11.1
Banaskantha	Vav	84.8	117.2	77.4	10.8
Jamnagar	Jamnagar	84.1	116.1	76.8	10.7

District	Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Ahmedabad	Dhandhuka	80.1	110.6	73.1	10.2
Kachchh	Anjar	79.8	110.2	72.9	10.2
Porbander	Porbandar	64.5	89.1	71.3	10.0
Rajkot	Rajkot	67.2	92.8	61.3	8.6
Rajkot	Upleta	64.4	89.0	58.8	8.2
Amreli	Savarkundla	61.8	85.3	56.4	7.9
Rajkot	Maliya	60.9	84.1	55.6	7.8
Surendranagar	Sayla	60.2	83.2	55.0	7.7
Jamnagar	Jodiya	60.2	83.1	54.9	7.7
Rajkot	Gondal	59.4	82.0	54.2	7.6
Kachchh	Mundra	59.4	82.0	54.2	7.6
Bhavnagar	Mahuva	57.2	79.0	52.2	7.3
The dangs	Dangs	55.4	76.6	50.6	7.1
Bhavnagar	Gadhada	54.2	74.9	49.5	6.9
Bhavnagar	Bhavnagar	51.5	71.1	47.0	6.6
Surat	Sonagadh	41.6	57.5	46.0	6.4
Surendranagar	Limbdi	49.9	68.9	45.6	6.4
Bharuch	Jhaghadia	49.0	67.8	44.8	6.3
Jamnagar	Bhanvad	48.0	66.3	43.8	6.1
Surendranagar	Halvad	47.5	65.5	43.3	6.1
Bhavnagar	Botad	46.1	63.6	42.1	5.9
Bhavnagar	Shihor	44.2	61.0	40.3	5.6
Surendranagar	Dhrangadhra	44.2	61.0	40.3	5.6
Amreli	Dhari	43.6	60.3	39.8	5.6
Rajkot	Jamkandorna	43.3	59.9	39.6	5.5
Bhavnagar	Vallabhipur	41.8	57.8	38.2	5.3
Dahod	Garbada	34.0	47.0	37.6	5.3
Dahod	Jhalod	33.6	46.4	37.1	5.2
Anand	Khambhat	32.6	45.1	36.1	5.1
Jamnagar	Okhamandal	39.4	54.4	36.0	5.0
Amreli	Babra	37.8	52.2	34.5	4.8
Jamnagar	Dhrol	37.5	51.8	34.3	4.8
Junagadh	Visavadar	36.2	50.0	33.1	4.6
Valsad	Kaprada	36.0	49.7	32.8	4.6
Dahod	Dahod	29.3	40.5	32.4	4.5
Junagadh	Una	33.7	46.5	30.8	4.3
Rajkot	Jetpur	33.6	46.4	30.7	4.3

District	Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Porbander	Kutiyana	27.2	37.6	30.1	4.2
Narmada	Nandod	27.2	37.6	30.1	4.2
Surendranagar	Lakhtar	32.3	44.6	29.5	4.1
Surat	Vyara	32.1	44.3	29.3	4.1
Rajkot	Paddhari	30.9	42.7	28.2	4.0
Bharuch	Jambusar	30.3	41.8	27.7	3.9
Bhavnagar	Talaja	30.0	41.4	27.4	3.8
Bhavnagar	Palitana	29.4	40.6	26.8	3.8
Porbander	Ranavav	23.6	32.6	26.1	3.7
Vadodara	Savli	28.4	39.2	25.9	3.6
Vadodara	Sankheda	27.7	38.3	25.3	3.5
Vadodara	Vaghodiya	27.5	37.9	25.1	3.5
Junagadh	Keshod	27.4	37.9	25.0	3.5
Rajkot	Kotdasangani	27.4	37.8	25.0	3.5
Junagadh	Talala	27.2	37.6	24.9	3.5
Ahmedabad	Dholka	26.8	37.1	24.5	3.4
Junagadh	Mangrol	26.5	36.6	24.2	3.4
Ahmedabad	Barwala	26.2	36.2	23.9	3.3
Junagadh	Mendarda	25.8	35.7	23.6	3.3
Vadodara	Dabhoi	24.2	33.5	22.1	3.1
Bharuch	Valiya	23.7	32.7	21.6	3.0
Sabarkantha	Khedbrahma	23.6	32.6	21.5	3.0
Surendranagar	Muli	23.4	32.3	21.4	3.0
Rajkot	Dhoraji	23.1	31.9	21.1	2.9
Junagadh	Kodinar	22.8	31.5	20.8	2.9
Patan	Radhanpur	18.8	26.0	20.8	2.9
Ahmedabad	Mandal	22.5	31.1	20.6	2.9
Surat	Mandvi	21.8	30.1	19.9	2.8
Banaskantha	Danta	21.5	29.7	19.6	2.7
Bhavnagar	Ghogha	21.4	29.6	19.5	2.7
Narmada	Tilakwada	17.6	24.4	19.5	2.7
Narmada	Dediapada	17.2	23.8	19.0	2.7
Surat	Mangrol	20.6	28.4	18.8	2.6
Bhavnagar	Umarala	20.3	28.1	18.6	2.6
Ahmedabad	Ranpur	19.8	27.3	18.0	2.5
Junagadh	Manavadar	18.8	26.0	17.2	2.4
Amreli	Amreli	18.4	25.4	16.8	2.3

District	Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Surendranagar	Vadhvan	18.1	25.0	16.5	2.3
Vadodara	Chhota-Udepur	17.9	24.8	16.4	2.3
Ahmedabad	Viramgam	17.9	24.7	16.3	2.3
Amreli	Lathi	17.5	24.1	15.9	2.2
Amreli	Rajula	17.1	23.6	15.6	2.2
Junagadh	Junagadh	16.6	22.9	15.1	2.1
Vadodara	Jetpur-Pavi	15.9	22.0	14.5	2.0
Bharuch	Ankleshwar	15.9	21.9	14.5	2.0
Valsad	Dharampur	15.9	21.9	14.5	2.0
Junagadh	Sutrapada	15.8	21.8	14.4	2.0
Bharuch	Bharuch	15.5	21.4	14.1	2.0
Surendranagar	Chuda	15.4	21.3	14.1	2.0
Valsad	Umargaon	14.7	20.4	13.5	1.9
Vadodara	Vadodara	14.7	20.3	13.4	1.9
Dahod	Ghoghamba	12.1	16.7	13.4	1.9
Navsari	Vansda	11.7	16.2	13.0	1.8
Bharuch	Vagara	14.1	19.5	12.9	1.8
Ahmedabad	Bavla	13.4	18.6	12.3	1.7
Amreli	Jafrabad	12.9	17.8	11.7	1.6
Banaskantha	Amirgadh	12.7	17.5	11.6	1.6
Anand	Tarapur	10.3	14.2	11.3	1.6
Junagadh	Vanthali	12.2	16.9	11.2	1.6
Amreli	Liliya	12.2	16.9	11.1	1.6
Bhavnagar	Gariadhar	12.1	16.7	11.0	1.5
Vadodara	Padra	11.1	15.4	10.2	1.4
Kheda	Kapadvanj	10.9	15.1	10.0	1.4
Surat	Umarpada	10.4	14.3	9.5	1.3
Panchmahal	Halol	10.3	14.2	9.4	1.3
Kheda	Thasara	10.2	14.1	9.3	1.3
Junagadh	Maliya	10.2	14.1	9.3	1.3
Amreli	Khambha	10.2	14.0	9.3	1.3
Kachchh	Gandhidham	10.0	13.8	9.2	1.3
Vadodara	Naswadi	9.6	13.2	8.7	1.2
Panchmahal	Godhara	9.6	13.2	8.7	1.2
Sabarkantha	Bayad	9.4	13.0	8.6	1.2
Junagadh	Bhesan	9.0	12.5	8.2	1.2
Navsari	Chikhli	7.4	10.2	8.1	1.1

District	Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Junagadh	Veraval	8.6	11.9	7.9	1.1
Narmada	Sagbara	7.1	9.8	7.8	1.1
Sabarkantha	Bhiloda	8.5	11.8	7.8	1.1
Amreli	Bagasara	7.8	10.8	7.2	1.0
Bharuch	Amod	7.3	10.1	6.7	0.93
Vadodara	Kawant	7.0	9.6	6.4	0.89
Sabarkantha	Dhansura	6.4	8.9	5.9	0.82
Vadodara	Karjan	6.4	8.8	5.8	0.81
Surat	Olpad	6.4	8.8	5.8	0.81
Vadodara	Shinor	6.3	8.7	5.8	0.81
Amreli	Vadia	6.2	8.6	5.7	0.79
Kheda	Matar	5.9	8.1	5.4	0.75
Banaskantha	Tharad	5.7	7.9	5.2	0.73
Ahmedabad	Sanand	5.7	7.8	5.2	0.72
Panchmahal	Santrampur	5.2	7.2	4.8	0.67
Dahod	Fatepura	4.3	6.0	4.8	0.67
Kheda	Balasinor	5.2	7.1	4.7	0.66
Mahesana	Becharaji	5.1	7.1	4.7	0.66
Surat	Choryasi	5.1	7.1	4.7	0.66
Dahod	Dhanpur	4.2	5.8	4.7	0.65
Dahod	Limkheda	4.1	5.7	4.6	0.64
Surat	Mahuva	5.0	6.9	4.5	0.63
Bharuch	Hansot	5.0	6.8	4.5	0.63
Sabarkantha	Idar	4.8	6.6	4.3	0.61
Panchmahal	Kalol(Panchmahals)	4.6	6.3	4.2	0.58
Dahod	Devgadhbaria	3.6	5.0	4.0	0.56
Banaskantha	Bhabhar	4.0	5.6	3.7	0.51
Kheda	Kathlal	3.5	4.9	3.2	0.45
Panchmahal	Lunawada	3.4	4.7	3.1	0.44
Panchmahal	Kadana	3.4	4.7	3.1	0.43
Navsari	Navsari	2.6	3.6	2.9	0.41
Sabarkantha	Vijaynagar	3.1	4.3	2.8	0.40
Banaskantha	Palanpur	3.1	4.3	2.8	0.39
Sabarkantha	Modasa	2.8	3.8	2.5	0.35
Banaskantha	Kankrej	2.7	3.7	2.4	0.34
Rajkot	Tankara	2.7	3.7	2.4	0.34
Sabarkantha	Vadali	2.5	3.5	2.3	0.32

District	Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Navsari	Jalalpur	2.1	2.9	2.3	0.32
Ahmedabad	Detroj-Rampur	2.5	3.5	2.3	0.32
Surat	Uchchhal	2.4	3.4	2.2	0.31
Surat	Kamrej	2.4	3.3	2.2	0.30
Valsad	Valsad	2.3	3.1	2.1	0.29
Surat	Valod	2.1	3.0	2.0	0.27
Sabarkantha	Himatnagar	2.1	2.9	1.9	0.27
Kheda	Virpur	2.1	2.8	1.9	0.26
Surat	Nizar	2.0	2.8	1.9	0.26
Mahesana	Kadi	2.0	2.8	1.8	0.26
Patan	Harij	1.3	1.9	1.5	0.21
Panchmahal	Jambughoda	1.6	2.2	1.5	0.21
Anand	Borsad	1.2	1.6	1.3	0.18
Mahesana	Mahesana	1.4	2.0	1.3	0.18
Valsad	Pardi	1.4	1.9	1.3	0.18
Sabarkantha	Meghraj	1.4	1.9	1.3	0.18
Sabarkantha	Talod	1.3	1.8	1.2	0.17
Mahesana	Satlasana	1.2	1.7	1.1	0.16
Surat	Bardoli	1.0	1.4	0.93	0.13
Patan	Chanasma	0.78	1.1	0.86	0.12
Anand	Anklav	0.77	1.1	0.85	0.12
Rajkot	Lodhika	0.82	1.1	0.75	0.11
Banaskantha	Vadgam	0.77	1.1	0.70	0.098
Kheda	Mahudha	0.76	1.1	0.70	0.098
Surat	Palsana	0.76	1.0	0.69	0.097
Surat	Surat City	0.73	1.0	0.67	0.094
Banaskantha	Deesa	0.58	0.81	0.53	0.075
Kheda	Nadiad	0.54	0.75	0.50	0.070
Panchmahal	Shahera	0.53	0.74	0.49	0.068
Panchmahal	Khanpur	0.50	0.69	0.45	0.063
Navsari	Gandevi	0.40	0.55	0.44	0.061
Panchmahal	Morva	0.45	0.63	0.41	0.058
Ahmedabad	Ahamdabad City	0.43	0.59	0.39	0.055
Banaskantha	Dantiwada	0.39	0.53	0.35	0.049
Anand	Anand	0.30	0.42	0.33	0.047
Patan	Patan	0.25	0.35	0.28	0.039
Kheda	Mahemdabad	0.30	0.42	0.28	0.039

District	Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sabarkantha	Prantij	0.28	0.39	0.26	0.036
Anand	Umreth	0.14	0.19	0.15	0.021
Ahmedabad	Daskroi	0.13	0.18	0.12	0.017
Patan	Sidhpur	0.11	0.15	0.12	0.017
Gandhinagar	Kalol	0.12	0.17	0.11	0.015
Anand	Sojitra	0.034	0.047	0.038	0.0053
Sabarkantha	Malpur	0.00016	0.00022	0.00015	2.07E-05
Total		7728.7	10676.1	7179.2	1005.1

District Level Residue Wise

District level Residue-wise Data for Ahmedabad; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	215.5	74.7	49.4	6.9	Wasteland
Others	Twigs	215.5	64.0	42.3	5.9	Wasteland
Others	Bark	215.5	64.0	42.3	5.9	Wasteland
Others	Branches	215.5	64.0	42.3	5.9	Wasteland
Teak	Leaves	215.5	7.1	4.7	0.66	Wasteland
Teak	Twigs	215.5	6.1	4.0	0.56	Wasteland
Teak	Bark	215.5	6.1	4.0	0.56	Wasteland
Teak	Branches	215.5	6.1	4.0	0.56	Wasteland
Bamboo	Stalk	215.5	1.4	0.95	0.13	Wasteland
Eucalyptus	Leaves	215.5	0.75	0.50	0.069	Wasteland
Eucalyptus	Twigs	215.5	0.64	0.42	0.059	Wasteland
Eucalyptus	Bark	215.5	0.64	0.42	0.059	Wasteland
Eucalyptus	Branches	215.5	0.64	0.42	0.059	Wasteland
Catechu	Leaves	215.5	0.42	0.28	0.039	Wasteland
Catechu	Twigs	215.5	0.36	0.24	0.033	Wasteland
Catechu	Bark	215.5	0.36	0.24	0.033	Wasteland
Catechu	Branches	215.5	0.36	0.24	0.033	Wasteland
Bamboo	Leaves	215.5	0.056	0.037	0.0052	Wasteland
Total		215.5	297.6	196.7	27.5	

District level Residue-wise Data for Amreli; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	245.3	85.0	56.2	7.9	Wasteland
Others	Twigs	245.3	72.9	48.2	6.7	Wasteland
Others	Bark	245.3	72.9	48.2	6.7	Wasteland
Others	Branches	245.3	72.9	48.2	6.7	Wasteland
Teak	Leaves	245.3	8.1	5.3	0.75	Wasteland
Teak	Twigs	245.3	6.9	4.6	0.64	Wasteland
Teak	Bark	245.3	6.9	4.6	0.64	Wasteland
Teak	Branches	245.3	6.9	4.6	0.64	Wasteland
Bamboo	Stalk	245.3	1.6	1.1	0.15	Wasteland
Eucalyptus	Leaves	245.3	0.85	0.56	0.079	Wasteland
Eucalyptus	Twigs	245.3	0.73	0.48	0.068	Wasteland
Eucalyptus	Bark	245.3	0.73	0.48	0.068	Wasteland
Eucalyptus	Branches	245.3	0.73	0.48	0.068	Wasteland
Catechu	Leaves	245.3	0.47	0.31	0.044	Wasteland
Catechu	Twigs	245.3	0.41	0.27	0.038	Wasteland
Catechu	Bark	245.3	0.41	0.27	0.038	Wasteland
Catechu	Branches	245.3	0.41	0.27	0.038	Wasteland
Bamboo	Leaves	245.3	0.063	0.042	0.0059	Wasteland
Total		245.3	338.9	224.0	31.4	

District level Residue-wise Data for Anand; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	45.3	15.7	12.6	1.8	Wasteland
Others	Twigs	45.3	13.5	10.8	1.5	Wasteland
Others	Bark	45.3	13.5	10.8	1.5	Wasteland
Others	Branches	45.3	13.5	10.8	1.5	Wasteland
Teak	Leaves	45.3	1.5	1.2	0.17	Wasteland
Teak	Twigs	45.3	1.3	1.0	0.14	Wasteland
Teak	Bark	45.3	1.3	1.0	0.14	Wasteland
Teak	Branches	45.3	1.3	1.0	0.14	Wasteland
Bamboo	Stalk	45.3	0.30	0.24	0.034	Wasteland
Eucalyptus	Leaves	45.3	0.16	0.13	0.018	Wasteland
Eucalyptus	Twigs	45.3	0.14	0.11	0.015	Wasteland
Eucalyptus	Bark	45.3	0.14	0.11	0.015	Wasteland
Eucalyptus	Branches	45.3	0.14	0.11	0.015	Wasteland
Catechu	Leaves	45.3	0.088	0.070	0.0098	Wasteland
Catechu	Twigs	45.3	0.075	0.060	0.0084	Wasteland
Catechu	Bark	45.3	0.075	0.060	0.0084	Wasteland
Catechu	Branches	45.3	0.075	0.060	0.0084	Wasteland
Bamboo	Leaves	45.3	0.012	0.0094	0.0013	Wasteland
Total		45.3	62.6	50.1	7.0	

District level Residue-wise Data for Banaskantha; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	136.2	47.2	31.2	4.4	Wasteland
Others	Twigs	136.2	40.5	26.7	3.7	Wasteland
Others	Bark	136.2	40.5	26.7	3.7	Wasteland
Others	Branches	136.2	40.5	26.7	3.7	Wasteland
Teak	Leaves	136.2	4.5	3.0	0.41	Wasteland
Teak	Twigs	136.2	3.8	2.5	0.36	Wasteland
Teak	Bark	136.2	3.8	2.5	0.36	Wasteland
Teak	Branches	136.2	3.8	2.5	0.36	Wasteland
Bamboo	Stalk	136.2	0.91	0.60	0.084	Wasteland
Eucalyptus	Leaves	136.2	0.47	0.31	0.044	Wasteland
Eucalyptus	Twigs	136.2	0.41	0.27	0.038	Wasteland
Eucalyptus	Bark	136.2	0.41	0.27	0.038	Wasteland
Eucalyptus	Branches	136.2	0.41	0.27	0.038	Wasteland
Catechu	Leaves	136.2	0.26	0.17	0.024	Wasteland
Catechu	Twigs	136.2	0.23	0.15	0.021	Wasteland
Catechu	Bark	136.2	0.23	0.15	0.021	Wasteland
Catechu	Branches	136.2	0.23	0.15	0.021	Wasteland
Bamboo	Leaves	136.2	0.035	0.023	0.0033	Wasteland
Total		136.2	188.2	124.4	17.4	

District level Residue-wise Data for Bharuch; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	160.7	55.7	36.8	5.2	Wasteland
Others	Twigs	160.7	47.8	31.6	4.4	Wasteland
Others	Bark	160.7	47.8	31.6	4.4	Wasteland
Others	Branches	160.7	47.8	31.6	4.4	Wasteland
Teak	Leaves	160.7	5.3	3.5	0.49	Wasteland
Teak	Twigs	160.7	4.5	3.0	0.42	Wasteland
Teak	Bark	160.7	4.5	3.0	0.42	Wasteland
Teak	Branches	160.7	4.5	3.0	0.42	Wasteland
Bamboo	Stalk	160.7	1.1	0.71	0.099	Wasteland
Eucalyptus	Leaves	160.7	0.56	0.37	0.052	Wasteland
Eucalyptus	Twigs	160.7	0.48	0.32	0.044	Wasteland
Eucalyptus	Bark	160.7	0.48	0.32	0.044	Wasteland
Eucalyptus	Branches	160.7	0.48	0.32	0.044	Wasteland
Catechu	Leaves	160.7	0.31	0.21	0.029	Wasteland
Catechu	Twigs	160.7	0.27	0.18	0.025	Wasteland
Catechu	Bark	160.7	0.27	0.18	0.025	Wasteland
Catechu	Branches	160.7	0.27	0.18	0.025	Wasteland
Bamboo	Leaves	160.7	0.042	0.027	0.0038	Wasteland
Total		160.7	222.1	146.8	20.5	

District level Residue-wise Data for Bhavnagar; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	408.1	141.4	93.5	13.1	Wasteland
Others	Twigs	408.1	121.2	80.1	11.2	Wasteland
Others	Bark	408.1	121.2	80.1	11.2	Wasteland
Others	Branches	408.1	121.2	80.1	11.2	Wasteland
Teak	Leaves	408.1	13.4	8.9	1.2	Wasteland
Teak	Twigs	408.1	11.5	7.6	1.1	Wasteland
Teak	Bark	408.1	11.5	7.6	1.1	Wasteland
Teak	Branches	408.1	11.5	7.6	1.1	Wasteland
Bamboo	Stalk	408.1	2.7	1.8	0.25	Wasteland
Eucalyptus	Leaves	408.1	1.4	0.94	0.13	Wasteland
Eucalyptus	Twigs	408.1	1.2	0.80	0.11	Wasteland
Eucalyptus	Bark	408.1	1.2	0.80	0.11	Wasteland
Eucalyptus	Branches	408.1	1.2	0.80	0.11	Wasteland
Catechu	Leaves	408.1	0.79	0.52	0.073	Wasteland
Catechu	Twigs	408.1	0.68	0.45	0.063	Wasteland
Catechu	Bark	408.1	0.68	0.45	0.063	Wasteland
Catechu	Branches	408.1	0.68	0.45	0.063	Wasteland
Bamboo	Leaves	408.1	0.11	0.070	0.0098	Wasteland
Total		408.1	563.7	372.6	52.2	

District level Residue-wise Data for Dahod; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	125.3	43.4	34.7	4.9	Wasteland
Others	Twigs	125.3	37.2	29.8	4.2	Wasteland
Others	Bark	125.3	37.2	29.8	4.2	Wasteland
Others	Branches	125.3	37.2	29.8	4.2	Wasteland
Teak	Leaves	125.3	4.1	3.3	0.46	Wasteland
Teak	Twigs	125.3	3.5	2.8	0.40	Wasteland
Teak	Bark	125.3	3.5	2.8	0.40	Wasteland
Teak	Branches	125.3	3.5	2.8	0.40	Wasteland
Bamboo	Stalk	125.3	0.83	0.67	0.093	Wasteland
Eucalyptus	Leaves	125.3	0.44	0.35	0.049	Wasteland
Eucalyptus	Twigs	125.3	0.37	0.30	0.042	Wasteland
Eucalyptus	Bark	125.3	0.37	0.30	0.042	Wasteland
Eucalyptus	Branches	125.3	0.37	0.30	0.042	Wasteland
Catechu	Leaves	125.3	0.24	0.19	0.027	Wasteland
Catechu	Twigs	125.3	0.21	0.17	0.023	Wasteland
Catechu	Bark	125.3	0.21	0.17	0.023	Wasteland
Catechu	Branches	125.3	0.21	0.17	0.023	Wasteland
Bamboo	Leaves	125.3	0.032	0.026	0.0036	Wasteland
Total		125.3	173.0	138.4	19.4	

District level Residue-wise Data for Gandhinagar; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.12	0.042	0.028	0.0039	Wasteland
Others	Twigs	0.12	0.036	0.024	0.0033	Wasteland
Others	Bark	0.12	0.036	0.024	0.0033	Wasteland
Others	Branches	0.12	0.036	0.024	0.0033	Wasteland
Teak	Leaves	0.12	0.0040	0.0026	0.00037	Wasteland
Teak	Twigs	0.12	0.0034	0.0022	0.00031	Wasteland
Teak	Bark	0.12	0.0034	0.0022	0.00031	Wasteland
Teak	Branches	0.12	0.0034	0.0022	0.00031	Wasteland
Bamboo	Stalk	0.12	0.00080	0.00053	7.39E-05	Wasteland
Eucalyptus	Leaves	0.12	0.00042	0.00028	3.87E-05	Wasteland
Eucalyptus	Twigs	0.12	0.00036	0.00024	3.32E-05	Wasteland
Eucalyptus	Bark	0.12	0.00036	0.00024	3.32E-05	Wasteland
Eucalyptus	Branches	0.12	0.00036	0.00024	3.32E-05	Wasteland
Catechu	Leaves	0.12	0.00023	0.00015	2.15E-05	Wasteland
Catechu	Twigs	0.12	0.00020	0.00013	1.84E-05	Wasteland
Catechu	Bark	0.12	0.00020	0.00013	1.84E-05	Wasteland
Catechu	Branches	0.12	0.00020	0.00013	1.84E-05	Wasteland
Bamboo	Leaves	0.12	3.11E-05	2.05E-05	2.88E-06	Wasteland
Total		0.12	0.17	0.11	0.015	

District level Residue-wise Data for Jamnagar; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	781.2	270.7	178.9	25.1	Wasteland
Others	Twigs	781.2	232.0	153.4	21.5	Wasteland
Others	Bark	781.2	232.0	153.4	21.5	Wasteland
Others	Branches	781.2	232.0	153.4	21.5	Wasteland
Teak	Leaves	781.2	25.7	17.0	2.4	Wasteland
Teak	Twigs	781.2	22.0	14.6	2.0	Wasteland
Teak	Bark	781.2	22.0	14.6	2.0	Wasteland
Teak	Branches	781.2	22.0	14.6	2.0	Wasteland
Bamboo	Stalk	781.2	5.2	3.4	0.48	Wasteland
Eucalyptus	Leaves	781.2	2.7	1.8	0.25	Wasteland
Eucalyptus	Twigs	781.2	2.3	1.5	0.22	Wasteland
Eucalyptus	Bark	781.2	2.3	1.5	0.22	Wasteland
Eucalyptus	Branches	781.2	2.3	1.5	0.22	Wasteland
Catechu	Leaves	781.2	1.5	1.00	0.14	Wasteland
Catechu	Twigs	781.2	1.3	0.86	0.12	Wasteland
Catechu	Bark	781.2	1.3	0.86	0.12	Wasteland
Catechu	Branches	781.2	1.3	0.86	0.12	Wasteland
Bamboo	Leaves	781.2	0.20	0.13	0.019	Wasteland
Total		781.2	1079.1	713.3	99.9	

District level Residue-wise Data for Junagadh; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	290.9	100.8	66.6	9.3	Wasteland
Others	Twigs	290.9	86.4	57.1	8.0	Wasteland
Others	Bark	290.9	86.4	57.1	8.0	Wasteland
Others	Branches	290.9	86.4	57.1	8.0	Wasteland
Teak	Leaves	290.9	9.6	6.3	0.89	Wasteland
Teak	Twigs	290.9	8.2	5.4	0.76	Wasteland
Teak	Bark	290.9	8.2	5.4	0.76	Wasteland
Teak	Branches	290.9	8.2	5.4	0.76	Wasteland
Bamboo	Stalk	290.9	1.9	1.3	0.18	Wasteland
Eucalyptus	Leaves	290.9	1.0	0.67	0.094	Wasteland
Eucalyptus	Twigs	290.9	0.87	0.57	0.080	Wasteland
Eucalyptus	Bark	290.9	0.87	0.57	0.080	Wasteland
Eucalyptus	Branches	290.9	0.87	0.57	0.080	Wasteland
Catechu	Leaves	290.9	0.56	0.37	0.052	Wasteland
Catechu	Twigs	290.9	0.48	0.32	0.045	Wasteland
Catechu	Bark	290.9	0.48	0.32	0.045	Wasteland
Catechu	Branches	290.9	0.48	0.32	0.045	Wasteland
Bamboo	Leaves	290.9	0.075	0.050	0.0070	Wasteland
Total		290.9	401.9	265.7	37.2	

District level Residue-wise Data for Kachchh; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	3095.0	1072.6	709.0	99.3	Wasteland
Others	Twigs	3095.0	919.4	607.7	85.1	Wasteland
Others	Bark	3095.0	919.4	607.7	85.1	Wasteland
Others	Branches	3095.0	919.4	607.7	85.1	Wasteland
Teak	Leaves	3095.0	101.8	67.3	9.4	Wasteland
Teak	Twigs	3095.0	87.2	57.7	8.1	Wasteland
Teak	Bark	3095.0	87.2	57.7	8.1	Wasteland
Teak	Branches	3095.0	87.2	57.7	8.1	Wasteland
Bamboo	Stalk	3095.0	20.6	13.6	1.9	Wasteland
Eucalyptus	Leaves	3095.0	10.8	7.1	1.00	Wasteland
Eucalyptus	Twigs	3095.0	9.2	6.1	0.85	Wasteland
Eucalyptus	Bark	3095.0	9.2	6.1	0.85	Wasteland
Eucalyptus	Branches	3095.0	9.2	6.1	0.85	Wasteland
Catechu	Leaves	3095.0	6.0	4.0	0.55	Wasteland
Catechu	Twigs	3095.0	5.1	3.4	0.47	Wasteland
Catechu	Bark	3095.0	5.1	3.4	0.47	Wasteland
Catechu	Branches	3095.0	5.1	3.4	0.47	Wasteland
Bamboo	Leaves	3095.0	0.80	0.53	0.074	Wasteland
Total		3095.0	4275.3	2826.1	395.6	

District level Residue-wise Data for Kheda; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	39.4	13.6	9.0	1.3	Wasteland
Others	Twigs	39.4	11.7	7.7	1.1	Wasteland
Others	Bark	39.4	11.7	7.7	1.1	Wasteland
Others	Branches	39.4	11.7	7.7	1.1	Wasteland
Teak	Leaves	39.4	1.3	0.86	0.12	Wasteland
Teak	Twigs	39.4	1.1	0.73	0.10	Wasteland
Teak	Bark	39.4	1.1	0.73	0.10	Wasteland
Teak	Branches	39.4	1.1	0.73	0.10	Wasteland
Bamboo	Stalk	39.4	0.26	0.17	0.024	Wasteland
Eucalyptus	Leaves	39.4	0.14	0.091	0.013	Wasteland
Eucalyptus	Twigs	39.4	0.12	0.078	0.011	Wasteland
Eucalyptus	Bark	39.4	0.12	0.078	0.011	Wasteland
Eucalyptus	Branches	39.4	0.12	0.078	0.011	Wasteland
Catechu	Leaves	39.4	0.076	0.050	0.0070	Wasteland
Catechu	Twigs	39.4	0.065	0.043	0.0060	Wasteland
Catechu	Bark	39.4	0.065	0.043	0.0060	Wasteland
Catechu	Branches	39.4	0.065	0.043	0.0060	Wasteland
Bamboo	Leaves	39.4	0.010	0.0067	0.00094	Wasteland
Total		39.4	54.4	36.0	5.0	

District level Residue-wise Data for Mahesana; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	9.8	3.4	2.2	0.31	Wasteland
Others	Twigs	9.8	2.9	1.9	0.27	Wasteland
Others	Bark	9.8	2.9	1.9	0.27	Wasteland
Others	Branches	9.8	2.9	1.9	0.27	Wasteland
Teak	Leaves	9.8	0.32	0.21	0.030	Wasteland
Teak	Twigs	9.8	0.28	0.18	0.026	Wasteland
Teak	Bark	9.8	0.28	0.18	0.026	Wasteland
Teak	Branches	9.8	0.28	0.18	0.026	Wasteland
Bamboo	Stalk	9.8	0.065	0.043	0.0060	Wasteland
Eucalyptus	Leaves	9.8	0.034	0.023	0.0032	Wasteland
Eucalyptus	Twigs	9.8	0.029	0.019	0.0027	Wasteland
Eucalyptus	Bark	9.8	0.029	0.019	0.0027	Wasteland
Eucalyptus	Branches	9.8	0.029	0.019	0.0027	Wasteland
Catechu	Leaves	9.8	0.019	0.013	0.0018	Wasteland
Catechu	Twigs	9.8	0.016	0.011	0.0015	Wasteland
Catechu	Bark	9.8	0.016	0.011	0.0015	Wasteland
Catechu	Branches	9.8	0.016	0.011	0.0015	Wasteland
Bamboo	Leaves	9.8	0.0025	0.0017	0.00023	Wasteland
Total		9.8	13.5	9.0	1.3	

District level Residue-wise Data for Narmada; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	69.1	24.0	19.2	2.7	Wasteland
Others	Twigs	69.1	20.5	16.4	2.3	Wasteland
Others	Bark	69.1	20.5	16.4	2.3	Wasteland
Others	Branches	69.1	20.5	16.4	2.3	Wasteland
Teak	Leaves	69.1	2.3	1.8	0.25	Wasteland
Teak	Twigs	69.1	1.9	1.6	0.22	Wasteland
Teak	Bark	69.1	1.9	1.6	0.22	Wasteland
Teak	Branches	69.1	1.9	1.6	0.22	Wasteland
Bamboo	Stalk	69.1	0.46	0.37	0.051	Wasteland
Eucalyptus	Leaves	69.1	0.24	0.19	0.027	Wasteland
Eucalyptus	Twigs	69.1	0.21	0.17	0.023	Wasteland
Eucalyptus	Bark	69.1	0.21	0.17	0.023	Wasteland
Eucalyptus	Branches	69.1	0.21	0.17	0.023	Wasteland
Catechu	Leaves	69.1	0.13	0.11	0.015	Wasteland
Catechu	Twigs	69.1	0.11	0.092	0.013	Wasteland
Catechu	Bark	69.1	0.11	0.092	0.013	Wasteland
Catechu	Branches	69.1	0.11	0.092	0.013	Wasteland
Bamboo	Leaves	69.1	0.018	0.014	0.0020	Wasteland
Total		69.1	95.5	76.4	10.7	

District level Residue-wise Data for Navsari; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	24.2	8.4	6.7	0.94	Wasteland
Others	Twigs	24.2	7.2	5.8	0.81	Wasteland
Others	Bark	24.2	7.2	5.8	0.81	Wasteland
Others	Branches	24.2	7.2	5.8	0.81	Wasteland
Teak	Leaves	24.2	0.80	0.64	0.089	Wasteland
Teak	Twigs	24.2	0.68	0.55	0.076	Wasteland
Teak	Bark	24.2	0.68	0.55	0.076	Wasteland
Teak	Branches	24.2	0.68	0.55	0.076	Wasteland
Bamboo	Stalk	24.2	0.16	0.13	0.018	Wasteland
Eucalyptus	Leaves	24.2	0.084	0.067	0.0094	Wasteland
Eucalyptus	Twigs	24.2	0.072	0.058	0.0081	Wasteland
Eucalyptus	Bark	24.2	0.072	0.058	0.0081	Wasteland
Eucalyptus	Branches	24.2	0.072	0.058	0.0081	Wasteland
Catechu	Leaves	24.2	0.047	0.037	0.0052	Wasteland
Catechu	Twigs	24.2	0.040	0.032	0.0045	Wasteland
Catechu	Bark	24.2	0.040	0.032	0.0045	Wasteland
Catechu	Branches	24.2	0.040	0.032	0.0045	Wasteland
Bamboo	Leaves	24.2	0.0063	0.0050	0.00070	Wasteland
Total		24.2	33.4	26.8	3.7	

District level Residue-wise Data for Panchmahal; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	39.5	13.7	9.0	1.3	Wasteland
Others	Twigs	39.5	11.7	7.8	1.1	Wasteland
Others	Bark	39.5	11.7	7.8	1.1	Wasteland
Others	Branches	39.5	11.7	7.8	1.1	Wasteland
Teak	Leaves	39.5	1.3	0.86	0.12	Wasteland
Teak	Twigs	39.5	1.1	0.74	0.10	Wasteland
Teak	Bark	39.5	1.1	0.74	0.10	Wasteland
Teak	Branches	39.5	1.1	0.74	0.10	Wasteland
Bamboo	Stalk	39.5	0.26	0.17	0.024	Wasteland
Eucalyptus	Leaves	39.5	0.14	0.091	0.013	Wasteland
Eucalyptus	Twigs	39.5	0.12	0.078	0.011	Wasteland
Eucalyptus	Bark	39.5	0.12	0.078	0.011	Wasteland
Eucalyptus	Branches	39.5	0.12	0.078	0.011	Wasteland
Catechu	Leaves	39.5	0.076	0.050	0.0071	Wasteland
Catechu	Twigs	39.5	0.065	0.043	0.0061	Wasteland
Catechu	Bark	39.5	0.065	0.043	0.0061	Wasteland
Catechu	Branches	39.5	0.065	0.043	0.0061	Wasteland
Bamboo	Leaves	39.5	0.010	0.0067	0.00094	Wasteland
Total		39.5	54.6	36.1	5.0	

District level Residue-wise Data for Patan; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	214.9	74.5	59.6	8.3	Wasteland
Others	Twigs	214.9	63.8	51.1	7.1	Wasteland
Others	Bark	214.9	63.8	51.1	7.1	Wasteland
Others	Branches	214.9	63.8	51.1	7.1	Wasteland
Teak	Leaves	214.9	7.1	5.7	0.79	Wasteland
Teak	Twigs	214.9	6.1	4.8	0.68	Wasteland
Teak	Bark	214.9	6.1	4.8	0.68	Wasteland
Teak	Branches	214.9	6.1	4.8	0.68	Wasteland
Bamboo	Stalk	214.9	1.4	1.1	0.16	Wasteland
Eucalyptus	Leaves	214.9	0.75	0.60	0.084	Wasteland
Eucalyptus	Twigs	214.9	0.64	0.51	0.072	Wasteland
Eucalyptus	Bark	214.9	0.64	0.51	0.072	Wasteland
Eucalyptus	Branches	214.9	0.64	0.51	0.072	Wasteland
Catechu	Leaves	214.9	0.42	0.33	0.047	Wasteland
Catechu	Twigs	214.9	0.36	0.28	0.040	Wasteland
Catechu	Bark	214.9	0.36	0.28	0.040	Wasteland
Catechu	Branches	214.9	0.36	0.28	0.040	Wasteland
Bamboo	Leaves	214.9	0.056	0.044	0.0062	Wasteland
Total		214.9	296.8	237.5	33.2	

District level Residue-wise Data for Porbander; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	115.3	40.0	32.0	4.5	Wasteland
Others	Twigs	115.3	34.3	27.4	3.8	Wasteland
Others	Bark	115.3	34.3	27.4	3.8	Wasteland
Others	Branches	115.3	34.3	27.4	3.8	Wasteland
Teak	Leaves	115.3	3.8	3.0	0.42	Wasteland
Teak	Twigs	115.3	3.2	2.6	0.36	Wasteland
Teak	Bark	115.3	3.2	2.6	0.36	Wasteland
Teak	Branches	115.3	3.2	2.6	0.36	Wasteland
Bamboo	Stalk	115.3	0.77	0.61	0.086	Wasteland
Eucalyptus	Leaves	115.3	0.40	0.32	0.045	Wasteland
Eucalyptus	Twigs	115.3	0.34	0.28	0.039	Wasteland
Eucalyptus	Bark	115.3	0.34	0.28	0.039	Wasteland
Eucalyptus	Branches	115.3	0.34	0.28	0.039	Wasteland
Catechu	Leaves	115.3	0.22	0.18	0.025	Wasteland
Catechu	Twigs	115.3	0.19	0.15	0.021	Wasteland
Catechu	Bark	115.3	0.19	0.15	0.021	Wasteland
Catechu	Branches	115.3	0.19	0.15	0.021	Wasteland
Bamboo	Leaves	115.3	0.030	0.024	0.0033	Wasteland
Total		115.3	159.3	127.4	17.8	

District level Residue-wise Data for Rajkot; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	687.2	238.2	157.4	22.0	Wasteland
Others	Twigs	687.2	204.1	134.9	18.9	Wasteland
Others	Bark	687.2	204.1	134.9	18.9	Wasteland
Others	Branches	687.2	204.1	134.9	18.9	Wasteland
Teak	Leaves	687.2	22.6	14.9	2.1	Wasteland
Teak	Twigs	687.2	19.4	12.8	1.8	Wasteland
Teak	Bark	687.2	19.4	12.8	1.8	Wasteland
Teak	Branches	687.2	19.4	12.8	1.8	Wasteland
Bamboo	Stalk	687.2	4.6	3.0	0.42	Wasteland
Eucalyptus	Leaves	687.2	2.4	1.6	0.22	Wasteland
Eucalyptus	Twigs	687.2	2.1	1.4	0.19	Wasteland
Eucalyptus	Bark	687.2	2.1	1.4	0.19	Wasteland
Eucalyptus	Branches	687.2	2.1	1.4	0.19	Wasteland
Catechu	Leaves	687.2	1.3	0.88	0.12	Wasteland
Catechu	Twigs	687.2	1.1	0.75	0.11	Wasteland
Catechu	Bark	687.2	1.1	0.75	0.11	Wasteland
Catechu	Branches	687.2	1.1	0.75	0.11	Wasteland
Bamboo	Leaves	687.2	0.18	0.12	0.016	Wasteland
Total		687.2	949.3	627.5	87.9	

District level Residue-wise Data for Sabarkantha; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	66.2	22.9	15.2	2.1	Wasteland
Others	Twigs	66.2	19.7	13.0	1.8	Wasteland
Others	Bark	66.2	19.7	13.0	1.8	Wasteland
Others	Branches	66.2	19.7	13.0	1.8	Wasteland
Teak	Leaves	66.2	2.2	1.4	0.20	Wasteland
Teak	Twigs	66.2	1.9	1.2	0.17	Wasteland
Teak	Bark	66.2	1.9	1.2	0.17	Wasteland
Teak	Branches	66.2	1.9	1.2	0.17	Wasteland
Bamboo	Stalk	66.2	0.44	0.29	0.041	Wasteland
Eucalyptus	Leaves	66.2	0.23	0.15	0.021	Wasteland
Eucalyptus	Twigs	66.2	0.20	0.13	0.018	Wasteland
Eucalyptus	Bark	66.2	0.20	0.13	0.018	Wasteland
Eucalyptus	Branches	66.2	0.20	0.13	0.018	Wasteland
Catechu	Leaves	66.2	0.13	0.085	0.012	Wasteland
Catechu	Twigs	66.2	0.11	0.073	0.010	Wasteland
Catechu	Bark	66.2	0.11	0.073	0.010	Wasteland
Catechu	Branches	66.2	0.11	0.073	0.010	Wasteland
Bamboo	Leaves	66.2	0.017	0.011	0.0016	Wasteland
Total		66.2	91.5	60.5	8.5	

District level Residue-wise Data for Surat; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	154.3	53.5	37.3	5.2	Wasteland
Others	Twigs	154.3	45.8	32.0	4.5	Wasteland
Others	Bark	154.3	45.8	32.0	4.5	Wasteland
Others	Branches	154.3	45.8	32.0	4.5	Wasteland
Teak	Leaves	154.3	5.1	3.5	0.50	Wasteland
Teak	Twigs	154.3	4.3	3.0	0.43	Wasteland
Teak	Bark	154.3	4.3	3.0	0.43	Wasteland
Teak	Branches	154.3	4.3	3.0	0.43	Wasteland
Bamboo	Stalk	154.3	1.0	0.72	0.10	Wasteland
Eucalyptus	Leaves	154.3	0.54	0.38	0.053	Wasteland
Eucalyptus	Twigs	154.3	0.46	0.32	0.045	Wasteland
Eucalyptus	Bark	154.3	0.46	0.32	0.045	Wasteland
Eucalyptus	Branches	154.3	0.46	0.32	0.045	Wasteland
Catechu	Leaves	154.3	0.30	0.21	0.029	Wasteland
Catechu	Twigs	154.3	0.26	0.18	0.025	Wasteland
Catechu	Bark	154.3	0.26	0.18	0.025	Wasteland
Catechu	Branches	154.3	0.26	0.18	0.025	Wasteland
Bamboo	Leaves	154.3	0.040	0.028	0.0039	Wasteland
Total		154.3	213.1	148.8	20.8	

District level Residue-wise Data for Surendranagar; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	482.9	167.3	110.6	15.5	Wasteland
Others	Twigs	482.9	143.4	94.8	13.3	Wasteland
Others	Bark	482.9	143.4	94.8	13.3	Wasteland
Others	Branches	482.9	143.4	94.8	13.3	Wasteland
Teak	Leaves	482.9	15.9	10.5	1.5	Wasteland
Teak	Twigs	482.9	13.6	9.0	1.3	Wasteland
Teak	Bark	482.9	13.6	9.0	1.3	Wasteland
Teak	Branches	482.9	13.6	9.0	1.3	Wasteland
Bamboo	Stalk	482.9	3.2	2.1	0.30	Wasteland
Eucalyptus	Leaves	482.9	1.7	1.1	0.16	Wasteland
Eucalyptus	Twigs	482.9	1.4	0.95	0.13	Wasteland
Eucalyptus	Bark	482.9	1.4	0.95	0.13	Wasteland
Eucalyptus	Branches	482.9	1.4	0.95	0.13	Wasteland
Catechu	Leaves	482.9	0.93	0.62	0.086	Wasteland
Catechu	Twigs	482.9	0.80	0.53	0.074	Wasteland
Catechu	Bark	482.9	0.80	0.53	0.074	Wasteland
Catechu	Branches	482.9	0.80	0.53	0.074	Wasteland
Bamboo	Leaves	482.9	0.12	0.083	0.012	Wasteland
Total		482.9	667.0	440.9	61.7	

District level Residue-wise Data for Thedangs; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	55.4	19.2	12.7	1.8	Wasteland
Others	Twigs	55.4	16.5	10.9	1.5	Wasteland
Others	Bark	55.4	16.5	10.9	1.5	Wasteland
Others	Branches	55.4	16.5	10.9	1.5	Wasteland
Teak	Leaves	55.4	1.8	1.2	0.17	Wasteland
Teak	Twigs	55.4	1.6	1.0	0.14	Wasteland
Teak	Bark	55.4	1.6	1.0	0.14	Wasteland
Teak	Branches	55.4	1.6	1.0	0.14	Wasteland
Bamboo	Stalk	55.4	0.37	0.24	0.034	Wasteland
Eucalyptus	Leaves	55.4	0.19	0.13	0.018	Wasteland
Eucalyptus	Twigs	55.4	0.17	0.11	0.015	Wasteland
Eucalyptus	Bark	55.4	0.17	0.11	0.015	Wasteland
Eucalyptus	Branches	55.4	0.17	0.11	0.015	Wasteland
Catechu	Leaves	55.4	0.11	0.071	0.0099	Wasteland
Catechu	Twigs	55.4	0.092	0.061	0.0085	Wasteland
Catechu	Bark	55.4	0.092	0.061	0.0085	Wasteland
Catechu	Branches	55.4	0.092	0.061	0.0085	Wasteland
Bamboo	Leaves	55.4	0.014	0.0095	0.0013	Wasteland
Total		55.4	76.6	50.6	7.1	

District level Residue-wise Data for Vadodara; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	196.6	68.1	45.0	6.3	Wasteland
Others	Twigs	196.6	58.4	38.6	5.4	Wasteland
Others	Bark	196.6	58.4	38.6	5.4	Wasteland
Others	Branches	196.6	58.4	38.6	5.4	Wasteland
Teak	Leaves	196.6	6.5	4.3	0.60	Wasteland
Teak	Twigs	196.6	5.5	3.7	0.51	Wasteland
Teak	Bark	196.6	5.5	3.7	0.51	Wasteland
Teak	Branches	196.6	5.5	3.7	0.51	Wasteland
Bamboo	Stalk	196.6	1.3	0.86	0.12	Wasteland
Eucalyptus	Leaves	196.6	0.68	0.45	0.063	Wasteland
Eucalyptus	Twigs	196.6	0.59	0.39	0.054	Wasteland
Eucalyptus	Bark	196.6	0.59	0.39	0.054	Wasteland
Eucalyptus	Branches	196.6	0.59	0.39	0.054	Wasteland
Catechu	Leaves	196.6	0.38	0.25	0.035	Wasteland
Catechu	Twigs	196.6	0.33	0.22	0.030	Wasteland
Catechu	Bark	196.6	0.33	0.22	0.030	Wasteland
Catechu	Branches	196.6	0.33	0.22	0.030	Wasteland
Bamboo	Leaves	196.6	0.051	0.034	0.0047	Wasteland
Total		196.6	271.6	179.5	25.1	

District level Residue-wise Data for Valsad; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	70.2	24.3	16.1	2.3	Wasteland
Others	Twigs	70.2	20.9	13.8	1.9	Wasteland
Others	Bark	70.2	20.9	13.8	1.9	Wasteland
Others	Branches	70.2	20.9	13.8	1.9	Wasteland
Teak	Leaves	70.2	2.3	1.5	0.21	Wasteland
Teak	Twigs	70.2	2.0	1.3	0.18	Wasteland
Teak	Bark	70.2	2.0	1.3	0.18	Wasteland
Teak	Branches	70.2	2.0	1.3	0.18	Wasteland
Bamboo	Stalk	70.2	0.47	0.31	0.043	Wasteland
Eucalyptus	Leaves	70.2	0.24	0.16	0.023	Wasteland
Eucalyptus	Twigs	70.2	0.21	0.14	0.019	Wasteland
Eucalyptus	Bark	70.2	0.21	0.14	0.019	Wasteland
Eucalyptus	Branches	70.2	0.21	0.14	0.019	Wasteland
Catechu	Leaves	70.2	0.14	0.090	0.013	Wasteland
Catechu	Twigs	70.2	0.12	0.077	0.011	Wasteland
Catechu	Bark	70.2	0.12	0.077	0.011	Wasteland
Catechu	Branches	70.2	0.12	0.077	0.011	Wasteland
Bamboo	Leaves	70.2	0.018	0.012	0.0017	Wasteland
Total		70.2	97.0	64.1	9.0	

District Level Taluk Wise

DistrictLevel Taluk-wise Data for Ahmedabad ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Dhandhuka	80.1	110.6	73.1	10.2
Dholka	26.8	37.1	24.5	3.4
Barwala	26.2	36.2	23.9	3.3
Mandal	22.5	31.1	20.6	2.9
Ranpur	19.8	27.3	18.0	2.5
Viramgam	17.9	24.7	16.3	2.3
Bavla	13.4	18.6	12.3	1.7
Sanand	5.7	7.8	5.2	0.72

Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Detroj-Rampur	2.5	3.5	2.3	0.32
Ahamdabad City	0.43	0.59	0.39	0.055
Daskroi	0.13	0.18	0.12	0.017
Total		215.5	297.6	196.7

DistrictLevel Taluk-wise Data for Amreli ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Savarkundla	61.8	85.3	56.4	7.9
Dhari	43.6	60.3	39.8	5.6
Babra	37.8	52.2	34.5	4.8
Amreli	18.4	25.4	16.8	2.3
Lathi	17.5	24.1	15.9	2.2
Rajula	17.1	23.6	15.6	2.2
Jafrabad	12.9	17.8	11.7	1.6
Liliya	12.2	16.9	11.1	1.6
Khambha	10.2	14.0	9.3	1.3
Bagasara	7.8	10.8	7.2	1.0
Vadia	6.2	8.6	5.7	0.79
Total		245.3	338.9	224.0

DistrictLevel Taluk-wise Data for Anand ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Khambhat	32.6	45.1	36.1	5.1
Tarapur	10.3	14.2	11.3	1.6
Borsad	1.2	1.6	1.3	0.18
Anklav	0.77	1.1	0.85	0.12
Anand	0.30	0.42	0.33	0.047
Umreth	0.14	0.19	0.15	0.021
Sojitra	0.034	0.047	0.038	0.0053
Total		45.3	62.6	50.1

DistrictLevel Taluk-wise Data for Banaskantha ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Vav	84.8	117.2	77.4	10.8
Danta	21.5	29.7	19.6	2.7
Amirgadh	12.7	17.5	11.6	1.6
Tharad	5.7	7.9	5.2	0.73
Bhabhar	4.0	5.6	3.7	0.51
Palanpur	3.1	4.3	2.8	0.39
Kankrej	2.7	3.7	2.4	0.34
Vadgam	0.77	1.1	0.70	0.098
Deesa	0.58	0.81	0.53	0.075
Dantiwada	0.39	0.53	0.35	0.049
Total		136.2	188.2	124.4

DistrictLevel Taluk-wise Data for Bharuch ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jhaghadia	49.0	67.8	44.8	6.3
Jambusar	30.3	41.8	27.7	3.9
Valiya	23.7	32.7	21.6	3.0
Ankleshwar	15.9	21.9	14.5	2.0
Bharuch	15.5	21.4	14.1	2.0
Vagara	14.1	19.5	12.9	1.8
Amod	7.3	10.1	6.7	0.93
Hansot	5.0	6.8	4.5	0.63
Total		160.7	222.1	146.8

DistrictLevel Taluk-wise Data for Bhavnagar ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Mahuva	57.2	79.0	52.2	7.3
Gadhada	54.2	74.9	49.5	6.9
Bhavnagar	51.5	71.1	47.0	6.6
Botad	46.1	63.6	42.1	5.9
Shihor	44.2	61.0	40.3	5.6
Vallabhipur	41.8	57.8	38.2	5.3
Talaja	30.0	41.4	27.4	3.8
Palitana	29.4	40.6	26.8	3.8
Ghogha	21.4	29.6	19.5	2.7
Umarala	20.3	28.1	18.6	2.6
Gariadhar	12.1	16.7	11.0	1.5
Total		408.1	563.7	372.6

DistrictLevel Taluk-wise Data for Dahod ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Garbada	34.0	47.0	37.6	5.3
Jhalod	33.6	46.4	37.1	5.2
Dahod	29.3	40.5	32.4	4.5
Ghoghamba	12.1	16.7	13.4	1.9
Fatepura	4.3	6.0	4.8	0.67
Dhanpur	4.2	5.8	4.7	0.65
Limkheda	4.1	5.7	4.6	0.64
Devgadhbaria	3.6	5.0	4.0	0.56
Total		125.3	173.0	138.4

DistrictLevel Taluk-wise Data for Gandhinagar ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kalol	0.12	0.17	0.11	0.015
Total		0.12	0.17	0.11

DistrictLevel Taluk-wise Data for Jamnagar ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kalyanpur	125.7	173.7	114.8	16.1
Khambhaliya	103.8	143.4	94.8	13.3
Lalpur	100.1	138.2	91.4	12.8
Kalavad	95.4	131.8	87.1	12.2
Jamjodhpur	87.0	120.1	79.4	11.1
Jamnagar	84.1	116.1	76.8	10.7
Jodiya	60.2	83.1	54.9	7.7
Bhanvad	48.0	66.3	43.8	6.1
Okhamandal	39.4	54.4	36.0	5.0
Dhrol	37.5	51.8	34.3	4.8
Total		781.2	1079.1	713.3

DistrictLevel Taluk-wise Data for Junagadh ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Visavadar	36.2	50.0	33.1	4.6
Una	33.7	46.5	30.8	4.3
Keshod	27.4	37.9	25.0	3.5
Talala	27.2	37.6	24.9	3.5
Mangrol	26.5	36.6	24.2	3.4
Mendarda	25.8	35.7	23.6	3.3
Kodinar	22.8	31.5	20.8	2.9
Manavadar	18.8	26.0	17.2	2.4
Junagadh	16.6	22.9	15.1	2.1
Sutrapada	15.8	21.8	14.4	2.0
Vanthali	12.2	16.9	11.2	1.6
Maliya	10.2	14.1	9.3	1.3
Bhesan	9.0	12.5	8.2	1.2
Veraval	8.6	11.9	7.9	1.1
Total		290.9	401.9	265.7

DistrictLevel Taluk-wise Data for Kachchh ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Rann_Of_Kachchh	1769.4	2444.2	1615.7	226.2
Bhuj	349.1	482.3	318.8	44.6
Rapar	199.7	275.8	182.3	25.5
Lakhpat	165.6	228.7	151.2	21.2
Abadasa	145.8	201.4	133.1	18.6
Bhachau	130.5	180.3	119.2	16.7
Nakhtrana	96.7	133.5	88.3	12.4
Mandvi	89.0	123.0	81.3	11.4
Anjar	79.8	110.2	72.9	10.2
Mundra	59.4	82.0	54.2	7.6
Gandhidham	10.0	13.8	9.2	1.3
Total		3095.0	4275.3	2826.1

DistrictLevel Taluk-wise Data for Kheda ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kapadvanj	10.9	15.1	10.0	1.4
Thasara	10.2	14.1	9.3	1.3
Matar	5.9	8.1	5.4	0.75
Balasinor	5.2	7.1	4.7	0.66
Kathlal	3.5	4.9	3.2	0.45
Virpur	2.1	2.8	1.9	0.26
Mahudha	0.76	1.1	0.70	0.098
Nadiad	0.54	0.75	0.50	0.070
Mahemdabad	0.30	0.42	0.28	0.039
Total		39.4	54.4	36.0

DistrictLevel Taluk-wise Data for Mahesana ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Becharaji	5.1	7.1	4.7	0.66
Kadi	2.0	2.8	1.8	0.26
Mahesana	1.4	2.0	1.3	0.18
Satlasana	1.2	1.7	1.1	0.16
Total		9.8	13.5	9.0

DistrictLevel Taluk-wise Data for Narmada ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Nandod	27.2	37.6	30.1	4.2
Tilakwada	17.6	24.4	19.5	2.7
Dediapada	17.2	23.8	19.0	2.7
Sagbara	7.1	9.8	7.8	1.1
Total		69.1	95.5	76.4

DistrictLevel Taluk-wise Data for Navsari ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Vansda	11.7	16.2	13.0	1.8
Chikhli	7.4	10.2	8.1	1.1
Navsari	2.6	3.6	2.9	0.41
Jalapur	2.1	2.9	2.3	0.32
Gandevi	0.40	0.55	0.44	0.061
Total		24.2	33.4	26.8

DistrictLevel Taluk-wise Data for Panchmahal ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Halol	10.3	14.2	9.4	1.3
Godhara	9.6	13.2	8.7	1.2
Santrampur	5.2	7.2	4.8	0.67
Kalol(Panchmahals)	4.6	6.3	4.2	0.58
Lunawada	3.4	4.7	3.1	0.44
Kadana	3.4	4.7	3.1	0.43
Jambughoda	1.6	2.2	1.5	0.21
Shahera	0.53	0.74	0.49	0.068
Khanpur	0.50	0.69	0.45	0.063
Morva	0.45	0.63	0.41	0.058
Total		39.5	54.6	36.1

DistrictLevel Taluk-wise Data for Patan ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sami	107.9	149.0	119.2	16.7
Santalpur	85.7	118.4	94.7	13.3
Radhanpur	18.8	26.0	20.8	2.9
Harij	1.3	1.9	1.5	0.21
Chanasma	0.78	1.1	0.86	0.12
Patan	0.25	0.35	0.28	0.039
Sidhpur	0.11	0.15	0.12	0.017
Total		214.9	296.8	237.5

DistrictLevel Taluk-wise Data for Porbander ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Porbandar	64.5	89.1	71.3	10.0
Kutiyana	27.2	37.6	30.1	4.2
Ranavav	23.6	32.6	26.1	3.7
Total		115.3	159.3	127.4

DistrictLevel Taluk-wise Data for Rajkot ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Morvi	99.9	138.0	91.2	12.8
Vankaner	87.1	120.3	79.5	11.1
Jasdan	86.6	119.6	79.0	11.1
Rajkot	67.2	92.8	61.3	8.6
Upleta	64.4	89.0	58.8	8.2
Maliya	60.9	84.1	55.6	7.8
Gondal	59.4	82.0	54.2	7.6
Jamkandorna	43.3	59.9	39.6	5.5
Jetpur	33.6	46.4	30.7	4.3
Paddhari	30.9	42.7	28.2	4.0
Kotdasangani	27.4	37.8	25.0	3.5
Dhoraji	23.1	31.9	21.1	2.9
Tankara	2.7	3.7	2.4	0.34
Lodhika	0.82	1.1	0.75	0.11
Total		687.2	949.3	627.5

DistrictLevel Taluk-wise Data for Sabarkantha ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Khedbrahma	23.6	32.6	21.5	3.0
Bayad	9.4	13.0	8.6	1.2
Bhiloda	8.5	11.8	7.8	1.1
Dhansura	6.4	8.9	5.9	0.82
Idar	4.8	6.6	4.3	0.61
Vijaynagar	3.1	4.3	2.8	0.40
Modasa	2.8	3.8	2.5	0.35
Vadali	2.5	3.5	2.3	0.32
Himatnagar	2.1	2.9	1.9	0.27
Meghraj	1.4	1.9	1.3	0.18
Talod	1.3	1.8	1.2	0.17
Prantij	0.28	0.39	0.26	0.036
Malpur	0.00016	0.00022	0.00015	2.07E-05
Total		66.2	91.5	60.5

DistrictLevel Taluk-wise Data for Surat ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sonagadh	41.6	57.5	46.0	6.4
Vyara	32.1	44.3	29.3	4.1
Mandvi	21.8	30.1	19.9	2.8
Mangrol	20.6	28.4	18.8	2.6
Umarpada	10.4	14.3	9.5	1.3
Olpad	6.4	8.8	5.8	0.81
Choryasi	5.1	7.1	4.7	0.66
Mahuva	5.0	6.9	4.5	0.63
Uchchhal	2.4	3.4	2.2	0.31
Kamrej	2.4	3.3	2.2	0.30
Valod	2.1	3.0	2.0	0.27
Nizar	2.0	2.8	1.9	0.26
Bardoli	1.0	1.4	0.93	0.13
Palsana	0.76	1.0	0.69	0.097
Surat City	0.73	1.0	0.67	0.094
Total		154.3	213.1	148.8

DistrictLevel Taluk-wise Data for Surendranagar ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Dasada	104.2	144.0	95.2	13.3
Chotila	87.8	121.3	80.2	11.2
Sayla	60.2	83.2	55.0	7.7
Limbdi	49.9	68.9	45.6	6.4
Halvad	47.5	65.5	43.3	6.1
Dhrangadhra	44.2	61.0	40.3	5.6
Lakhtar	32.3	44.6	29.5	4.1
Muli	23.4	32.3	21.4	3.0
Vadhvan	18.1	25.0	16.5	2.3
Chuda	15.4	21.3	14.1	2.0
Total		482.9	667.0	440.9

DistrictLevel Taluk-wise Data for TheDangs ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Dangs	55.4	76.6	50.6	7.1
Total		55.4	76.6	50.6

DistrictLevel Taluk-wise Data for Vadodara ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Savli	28.4	39.2	25.9	3.6
Sankheda	27.7	38.3	25.3	3.5
Vaghodiya	27.5	37.9	25.1	3.5
Dabhoi	24.2	33.5	22.1	3.1
Chhota-Udepur	17.9	24.8	16.4	2.3
Jetpur-Pavi	15.9	22.0	14.5	2.0
Vadodara	14.7	20.3	13.4	1.9
Padra	11.1	15.4	10.2	1.4
Naswadi	9.6	13.2	8.7	1.2
Kawant	7.0	9.6	6.4	0.89
Karjan	6.4	8.8	5.8	0.81
Shinor	6.3	8.7	5.8	0.81
Total		196.6	271.6	179.5

DistrictLevel Taluk-wise Data for Valsad ; Biomass Class : Wasteland				
Taluk	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kaprada	36.0	49.7	32.8	4.6
Dharampur	15.9	21.9	14.5	2.0
Umargaon	14.7	20.4	13.5	1.9
Valsad	2.3	3.1	2.1	0.29
Pardi	1.4	1.9	1.3	0.18
Total		70.2	97.0	64.1

Taluk Level Residue Wise

Taluk level Residue-wise Data for Ahamdabad City ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.43	0.15	0.098	0.014	Wasteland
Others	Twigs	0.43	0.13	0.084	0.012	Wasteland
Others	Bark	0.43	0.13	0.084	0.012	Wasteland
Others	Branches	0.43	0.13	0.084	0.012	Wasteland
Teak	Leaves	0.43	0.014	0.0093	0.0013	Wasteland
Teak	Twigs	0.43	0.012	0.0080	0.0011	Wasteland
Teak	Bark	0.43	0.012	0.0080	0.0011	Wasteland
Teak	Branches	0.43	0.012	0.0080	0.0011	Wasteland
Bamboo	Stalk	0.43	0.0028	0.0019	0.00026	Wasteland
Eucalyptus	Leaves	0.43	0.0015	0.00098	0.00014	Wasteland
Eucalyptus	Twigs	0.43	0.0013	0.00084	0.00012	Wasteland
Eucalyptus	Bark	0.43	0.0013	0.00084	0.00012	Wasteland
Eucalyptus	Branches	0.43	0.0013	0.00084	0.00012	Wasteland
Catechu	Leaves	0.43	0.00083	0.00055	7.66E-05	Wasteland
Catechu	Twigs	0.43	0.00071	0.00047	6.57E-05	Wasteland
Catechu	Bark	0.43	0.00071	0.00047	6.57E-05	Wasteland
Catechu	Branches	0.43	0.00071	0.00047	6.57E-05	Wasteland
Bamboo	Leaves	0.43	0.00011	7.32E-05	1.02E-05	Wasteland
Total		0.43	0.59	0.39	0.055	

Taluk level Residue-wise Data for Barwala ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	26.2	9.1	6.0	0.84	Wasteland
Others	Twigs	26.2	7.8	5.1	0.72	Wasteland
Others	Bark	26.2	7.8	5.1	0.72	Wasteland
Others	Branches	26.2	7.8	5.1	0.72	Wasteland
Teak	Leaves	26.2	0.86	0.57	0.080	Wasteland
Teak	Twigs	26.2	0.74	0.49	0.068	Wasteland
Teak	Bark	26.2	0.74	0.49	0.068	Wasteland
Teak	Branches	26.2	0.74	0.49	0.068	Wasteland
Bamboo	Stalk	26.2	0.17	0.12	0.016	Wasteland
Eucalyptus	Leaves	26.2	0.091	0.060	0.0084	Wasteland
Eucalyptus	Twigs	26.2	0.078	0.052	0.0072	Wasteland
Eucalyptus	Bark	26.2	0.078	0.052	0.0072	Wasteland
Eucalyptus	Branches	26.2	0.078	0.052	0.0072	Wasteland
Catechu	Leaves	26.2	0.051	0.033	0.0047	Wasteland
Catechu	Twigs	26.2	0.043	0.029	0.0040	Wasteland
Catechu	Bark	26.2	0.043	0.029	0.0040	Wasteland
Catechu	Branches	26.2	0.043	0.029	0.0040	Wasteland
Bamboo	Leaves	26.2	0.0068	0.0045	0.00063	Wasteland
Total		26.2	36.2	23.9	3.3	

Taluk level Residue-wise Data for Bavla ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	13.4	4.7	3.1	0.43	Wasteland
Others	Twigs	13.4	4.0	2.6	0.37	Wasteland
Others	Bark	13.4	4.0	2.6	0.37	Wasteland
Others	Branches	13.4	4.0	2.6	0.37	Wasteland
Teak	Leaves	13.4	0.44	0.29	0.041	Wasteland
Teak	Twigs	13.4	0.38	0.25	0.035	Wasteland
Teak	Bark	13.4	0.38	0.25	0.035	Wasteland
Teak	Branches	13.4	0.38	0.25	0.035	Wasteland
Bamboo	Stalk	13.4	0.089	0.059	0.0083	Wasteland
Eucalyptus	Leaves	13.4	0.047	0.031	0.0043	Wasteland
Eucalyptus	Twigs	13.4	0.040	0.026	0.0037	Wasteland
Eucalyptus	Bark	13.4	0.040	0.026	0.0037	Wasteland
Eucalyptus	Branches	13.4	0.040	0.026	0.0037	Wasteland
Catechu	Leaves	13.4	0.026	0.017	0.0024	Wasteland
Catechu	Twigs	13.4	0.022	0.015	0.0021	Wasteland
Catechu	Bark	13.4	0.022	0.015	0.0021	Wasteland
Catechu	Branches	13.4	0.022	0.015	0.0021	Wasteland
Bamboo	Leaves	13.4	0.0035	0.0023	0.00032	Wasteland
Total		13.4	18.6	12.3	1.7	

Taluk level Residue-wise Data for Daskroi ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.13	0.045	0.030	0.0042	Wasteland
Others	Twigs	0.13	0.039	0.026	0.0036	Wasteland
Others	Bark	0.13	0.039	0.026	0.0036	Wasteland
Others	Branches	0.13	0.039	0.026	0.0036	Wasteland
Teak	Leaves	0.13	0.0043	0.0028	0.00040	Wasteland
Teak	Twigs	0.13	0.0037	0.0024	0.00034	Wasteland
Teak	Bark	0.13	0.0037	0.0024	0.00034	Wasteland
Teak	Branches	0.13	0.0037	0.0024	0.00034	Wasteland
Bamboo	Stalk	0.13	0.00087	0.00057	8.02E-05	Wasteland
Eucalyptus	Leaves	0.13	0.00045	0.00030	4.20E-05	Wasteland
Eucalyptus	Twigs	0.13	0.00039	0.00026	3.60E-05	Wasteland
Eucalyptus	Bark	0.13	0.00039	0.00026	3.60E-05	Wasteland
Eucalyptus	Branches	0.13	0.00039	0.00026	3.60E-05	Wasteland
Catechu	Leaves	0.13	0.00025	0.00017	2.33E-05	Wasteland
Catechu	Twigs	0.13	0.00022	0.00014	2.00E-05	Wasteland
Catechu	Bark	0.13	0.00022	0.00014	2.00E-05	Wasteland
Catechu	Branches	0.13	0.00022	0.00014	2.00E-05	Wasteland
Bamboo	Leaves	0.13	3.37E-05	2.23E-05	3.12E-06	Wasteland
Total		0.13	0.18	0.12	0.017	

Taluk level Residue-wise Data for Detroj-Rampur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.5	0.87	0.57	0.080	Wasteland
Others	Twigs	2.5	0.74	0.49	0.069	Wasteland
Others	Bark	2.5	0.74	0.49	0.069	Wasteland
Others	Branches	2.5	0.74	0.49	0.069	Wasteland
Teak	Leaves	2.5	0.082	0.054	0.0076	Wasteland
Teak	Twigs	2.5	0.071	0.047	0.0065	Wasteland
Teak	Bark	2.5	0.071	0.047	0.0065	Wasteland
Teak	Branches	2.5	0.071	0.047	0.0065	Wasteland
Bamboo	Stalk	2.5	0.017	0.011	0.0015	Wasteland
Eucalyptus	Leaves	2.5	0.0087	0.0058	0.00081	Wasteland
Eucalyptus	Twigs	2.5	0.0075	0.0049	0.00069	Wasteland
Eucalyptus	Bark	2.5	0.0075	0.0049	0.00069	Wasteland
Eucalyptus	Branches	2.5	0.0075	0.0049	0.00069	Wasteland
Catechu	Leaves	2.5	0.0048	0.0032	0.00045	Wasteland
Catechu	Twigs	2.5	0.0042	0.0027	0.00038	Wasteland
Catechu	Bark	2.5	0.0042	0.0027	0.00038	Wasteland
Catechu	Branches	2.5	0.0042	0.0027	0.00038	Wasteland
Bamboo	Leaves	2.5	0.00065	0.00043	5.99E-05	Wasteland
Total		2.5	3.5	2.3	0.32	

Taluk level Residue-wise Data for Dhandhuka ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	80.1	27.8	18.3	2.6	Wasteland
Others	Twigs	80.1	23.8	15.7	2.2	Wasteland
Others	Bark	80.1	23.8	15.7	2.2	Wasteland
Others	Branches	80.1	23.8	15.7	2.2	Wasteland
Teak	Leaves	80.1	2.6	1.7	0.24	Wasteland
Teak	Twigs	80.1	2.3	1.5	0.21	Wasteland
Teak	Bark	80.1	2.3	1.5	0.21	Wasteland
Teak	Branches	80.1	2.3	1.5	0.21	Wasteland
Bamboo	Stalk	80.1	0.53	0.35	0.049	Wasteland
Eucalyptus	Leaves	80.1	0.28	0.18	0.026	Wasteland
Eucalyptus	Twigs	80.1	0.24	0.16	0.022	Wasteland
Eucalyptus	Bark	80.1	0.24	0.16	0.022	Wasteland
Eucalyptus	Branches	80.1	0.24	0.16	0.022	Wasteland
Catechu	Leaves	80.1	0.15	0.10	0.014	Wasteland
Catechu	Twigs	80.1	0.13	0.088	0.012	Wasteland
Catechu	Bark	80.1	0.13	0.088	0.012	Wasteland
Catechu	Branches	80.1	0.13	0.088	0.012	Wasteland
Bamboo	Leaves	80.1	0.021	0.014	0.0019	Wasteland
Total		80.1	110.6	73.1	10.2	

Taluk level Residue-wise Data for Dholka ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	26.8	9.3	6.1	0.86	Wasteland
Others	Twigs	26.8	8.0	5.3	0.74	Wasteland
Others	Bark	26.8	8.0	5.3	0.74	Wasteland
Others	Branches	26.8	8.0	5.3	0.74	Wasteland
Teak	Leaves	26.8	0.88	0.58	0.082	Wasteland
Teak	Twigs	26.8	0.76	0.50	0.070	Wasteland
Teak	Bark	26.8	0.76	0.50	0.070	Wasteland
Teak	Branches	26.8	0.76	0.50	0.070	Wasteland
Bamboo	Stalk	26.8	0.18	0.12	0.017	Wasteland
Eucalyptus	Leaves	26.8	0.093	0.062	0.0086	Wasteland
Eucalyptus	Twigs	26.8	0.080	0.053	0.0074	Wasteland
Eucalyptus	Bark	26.8	0.080	0.053	0.0074	Wasteland
Eucalyptus	Branches	26.8	0.080	0.053	0.0074	Wasteland
Catechu	Leaves	26.8	0.052	0.034	0.0048	Wasteland
Catechu	Twigs	26.8	0.044	0.029	0.0041	Wasteland
Catechu	Bark	26.8	0.044	0.029	0.0041	Wasteland
Catechu	Branches	26.8	0.044	0.029	0.0041	Wasteland
Bamboo	Leaves	26.8	0.0069	0.0046	0.00064	Wasteland
Total		26.8	37.1	24.5	3.4	

Taluk level Residue-wise Data for Mandal ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	22.5	7.8	5.2	0.72	Wasteland
Others	Twigs	22.5	6.7	4.4	0.62	Wasteland
Others	Bark	22.5	6.7	4.4	0.62	Wasteland
Others	Branches	22.5	6.7	4.4	0.62	Wasteland
Teak	Leaves	22.5	0.74	0.49	0.069	Wasteland
Teak	Twigs	22.5	0.64	0.42	0.059	Wasteland
Teak	Bark	22.5	0.64	0.42	0.059	Wasteland
Teak	Branches	22.5	0.64	0.42	0.059	Wasteland
Bamboo	Stalk	22.5	0.15	0.099	0.014	Wasteland
Eucalyptus	Leaves	22.5	0.078	0.052	0.0073	Wasteland
Eucalyptus	Twigs	22.5	0.067	0.044	0.0062	Wasteland
Eucalyptus	Bark	22.5	0.067	0.044	0.0062	Wasteland
Eucalyptus	Branches	22.5	0.067	0.044	0.0062	Wasteland
Catechu	Leaves	22.5	0.044	0.029	0.0040	Wasteland
Catechu	Twigs	22.5	0.037	0.025	0.0035	Wasteland
Catechu	Bark	22.5	0.037	0.025	0.0035	Wasteland
Catechu	Branches	22.5	0.037	0.025	0.0035	Wasteland
Bamboo	Leaves	22.5	0.0058	0.0039	0.00054	Wasteland
Total		22.5	31.1	20.6	2.9	

Taluk level Residue-wise Data for Ranpur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	19.8	6.8	4.5	0.63	Wasteland
Others	Twigs	19.8	5.9	3.9	0.54	Wasteland
Others	Bark	19.8	5.9	3.9	0.54	Wasteland
Others	Branches	19.8	5.9	3.9	0.54	Wasteland
Teak	Leaves	19.8	0.65	0.43	0.060	Wasteland
Teak	Twigs	19.8	0.56	0.37	0.052	Wasteland
Teak	Bark	19.8	0.56	0.37	0.052	Wasteland
Teak	Branches	19.8	0.56	0.37	0.052	Wasteland
Bamboo	Stalk	19.8	0.13	0.087	0.012	Wasteland
Eucalyptus	Leaves	19.8	0.069	0.045	0.0064	Wasteland
Eucalyptus	Twigs	19.8	0.059	0.039	0.0055	Wasteland
Eucalyptus	Bark	19.8	0.059	0.039	0.0055	Wasteland
Eucalyptus	Branches	19.8	0.059	0.039	0.0055	Wasteland
Catechu	Leaves	19.8	0.038	0.025	0.0035	Wasteland
Catechu	Twigs	19.8	0.033	0.022	0.0030	Wasteland
Catechu	Bark	19.8	0.033	0.022	0.0030	Wasteland
Catechu	Branches	19.8	0.033	0.022	0.0030	Wasteland
Bamboo	Leaves	19.8	0.0051	0.0034	0.00047	Wasteland
Total		19.8	27.3	18.0	2.5	

Taluk level Residue-wise Data for Sanand ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	5.7	2.0	1.3	0.18	Wasteland
Others	Twigs	5.7	1.7	1.1	0.16	Wasteland
Others	Bark	5.7	1.7	1.1	0.16	Wasteland
Others	Branches	5.7	1.7	1.1	0.16	Wasteland
Teak	Leaves	5.7	0.19	0.12	0.017	Wasteland
Teak	Twigs	5.7	0.16	0.11	0.015	Wasteland
Teak	Bark	5.7	0.16	0.11	0.015	Wasteland
Teak	Branches	5.7	0.16	0.11	0.015	Wasteland
Bamboo	Stalk	5.7	0.038	0.025	0.0035	Wasteland
Eucalyptus	Leaves	5.7	0.020	0.013	0.0018	Wasteland
Eucalyptus	Twigs	5.7	0.017	0.011	0.0016	Wasteland
Eucalyptus	Bark	5.7	0.017	0.011	0.0016	Wasteland
Eucalyptus	Branches	5.7	0.017	0.011	0.0016	Wasteland
Catechu	Leaves	5.7	0.011	0.0072	0.0010	Wasteland
Catechu	Twigs	5.7	0.0094	0.0062	0.00087	Wasteland
Catechu	Bark	5.7	0.0094	0.0062	0.00087	Wasteland
Catechu	Branches	5.7	0.0094	0.0062	0.00087	Wasteland
Bamboo	Leaves	5.7	0.0015	0.00097	0.00014	Wasteland
Total		5.7	7.8	5.2	0.72	

Taluk level Residue-wise Data for Viramgam ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	17.9	6.2	4.1	0.57	Wasteland
Others	Twigs	17.9	5.3	3.5	0.49	Wasteland
Others	Bark	17.9	5.3	3.5	0.49	Wasteland
Others	Branches	17.9	5.3	3.5	0.49	Wasteland
Teak	Leaves	17.9	0.59	0.39	0.054	Wasteland
Teak	Twigs	17.9	0.50	0.33	0.047	Wasteland
Teak	Bark	17.9	0.50	0.33	0.047	Wasteland
Teak	Branches	17.9	0.50	0.33	0.047	Wasteland
Bamboo	Stalk	17.9	0.12	0.079	0.011	Wasteland
Eucalyptus	Leaves	17.9	0.062	0.041	0.0058	Wasteland
Eucalyptus	Twigs	17.9	0.053	0.035	0.0049	Wasteland
Eucalyptus	Bark	17.9	0.053	0.035	0.0049	Wasteland
Eucalyptus	Branches	17.9	0.053	0.035	0.0049	Wasteland
Catechu	Leaves	17.9	0.035	0.023	0.0032	Wasteland
Catechu	Twigs	17.9	0.030	0.020	0.0027	Wasteland
Catechu	Bark	17.9	0.030	0.020	0.0027	Wasteland
Catechu	Branches	17.9	0.030	0.020	0.0027	Wasteland
Bamboo	Leaves	17.9	0.0046	0.0031	0.00043	Wasteland
Total		17.9	24.7	16.3	2.3	

Taluk level Residue-wise Data for Amreli ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	18.4	6.4	4.2	0.59	Wasteland
Others	Twigs	18.4	5.5	3.6	0.50	Wasteland
Others	Bark	18.4	5.5	3.6	0.50	Wasteland
Others	Branches	18.4	5.5	3.6	0.50	Wasteland
Teak	Leaves	18.4	0.60	0.40	0.056	Wasteland
Teak	Twigs	18.4	0.52	0.34	0.048	Wasteland
Teak	Bark	18.4	0.52	0.34	0.048	Wasteland
Teak	Branches	18.4	0.52	0.34	0.048	Wasteland
Bamboo	Stalk	18.4	0.12	0.081	0.011	Wasteland
Eucalyptus	Leaves	18.4	0.064	0.042	0.0059	Wasteland
Eucalyptus	Twigs	18.4	0.055	0.036	0.0051	Wasteland
Eucalyptus	Bark	18.4	0.055	0.036	0.0051	Wasteland
Eucalyptus	Branches	18.4	0.055	0.036	0.0051	Wasteland
Catechu	Leaves	18.4	0.036	0.023	0.0033	Wasteland
Catechu	Twigs	18.4	0.030	0.020	0.0028	Wasteland
Catechu	Bark	18.4	0.030	0.020	0.0028	Wasteland
Catechu	Branches	18.4	0.030	0.020	0.0028	Wasteland
Bamboo	Leaves	18.4	0.0047	0.0031	0.00044	Wasteland
Total		18.4	25.4	16.8	2.3	

Taluk level Residue-wise Data for Babra ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	37.8	13.1	8.6	1.2	Wasteland
Others	Twigs	37.8	11.2	7.4	1.0	Wasteland
Others	Bark	37.8	11.2	7.4	1.0	Wasteland
Others	Branches	37.8	11.2	7.4	1.0	Wasteland
Teak	Leaves	37.8	1.2	0.82	0.11	Wasteland
Teak	Twigs	37.8	1.1	0.70	0.098	Wasteland
Teak	Bark	37.8	1.1	0.70	0.098	Wasteland
Teak	Branches	37.8	1.1	0.70	0.098	Wasteland
Bamboo	Stalk	37.8	0.25	0.17	0.023	Wasteland
Eucalyptus	Leaves	37.8	0.13	0.087	0.012	Wasteland
Eucalyptus	Twigs	37.8	0.11	0.074	0.010	Wasteland
Eucalyptus	Bark	37.8	0.11	0.074	0.010	Wasteland
Eucalyptus	Branches	37.8	0.11	0.074	0.010	Wasteland
Catechu	Leaves	37.8	0.073	0.048	0.0068	Wasteland
Catechu	Twigs	37.8	0.063	0.041	0.0058	Wasteland
Catechu	Bark	37.8	0.063	0.041	0.0058	Wasteland
Catechu	Branches	37.8	0.063	0.041	0.0058	Wasteland
Bamboo	Leaves	37.8	0.0098	0.0065	0.00090	Wasteland
Total		37.8	52.2	34.5	4.8	

Taluk level Residue-wise Data for Bagasara ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	7.8	2.7	1.8	0.25	Wasteland
Others	Twigs	7.8	2.3	1.5	0.22	Wasteland
Others	Bark	7.8	2.3	1.5	0.22	Wasteland
Others	Branches	7.8	2.3	1.5	0.22	Wasteland
Teak	Leaves	7.8	0.26	0.17	0.024	Wasteland
Teak	Twigs	7.8	0.22	0.15	0.020	Wasteland
Teak	Bark	7.8	0.22	0.15	0.020	Wasteland
Teak	Branches	7.8	0.22	0.15	0.020	Wasteland
Bamboo	Stalk	7.8	0.052	0.034	0.0048	Wasteland
Eucalyptus	Leaves	7.8	0.027	0.018	0.0025	Wasteland
Eucalyptus	Twigs	7.8	0.023	0.015	0.0022	Wasteland
Eucalyptus	Bark	7.8	0.023	0.015	0.0022	Wasteland
Eucalyptus	Branches	7.8	0.023	0.015	0.0022	Wasteland
Catechu	Leaves	7.8	0.015	0.010	0.0014	Wasteland
Catechu	Twigs	7.8	0.013	0.0086	0.0012	Wasteland
Catechu	Bark	7.8	0.013	0.0086	0.0012	Wasteland
Catechu	Branches	7.8	0.013	0.0086	0.0012	Wasteland
Bamboo	Leaves	7.8	0.0020	0.0013	0.00019	Wasteland
Total		7.8	10.8	7.2	1.0	

Taluk level Residue-wise Data for Dhari ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	43.6	15.1	10.0	1.4	Wasteland
Others	Twigs	43.6	13.0	8.6	1.2	Wasteland
Others	Bark	43.6	13.0	8.6	1.2	Wasteland
Others	Branches	43.6	13.0	8.6	1.2	Wasteland
Teak	Leaves	43.6	1.4	0.95	0.13	Wasteland
Teak	Twigs	43.6	1.2	0.81	0.11	Wasteland
Teak	Bark	43.6	1.2	0.81	0.11	Wasteland
Teak	Branches	43.6	1.2	0.81	0.11	Wasteland
Bamboo	Stalk	43.6	0.29	0.19	0.027	Wasteland
Eucalyptus	Leaves	43.6	0.15	0.10	0.014	Wasteland
Eucalyptus	Twigs	43.6	0.13	0.086	0.012	Wasteland
Eucalyptus	Bark	43.6	0.13	0.086	0.012	Wasteland
Eucalyptus	Branches	43.6	0.13	0.086	0.012	Wasteland
Catechu	Leaves	43.6	0.084	0.056	0.0078	Wasteland
Catechu	Twigs	43.6	0.072	0.048	0.0067	Wasteland
Catechu	Bark	43.6	0.072	0.048	0.0067	Wasteland
Catechu	Branches	43.6	0.072	0.048	0.0067	Wasteland
Bamboo	Leaves	43.6	0.011	0.0075	0.0010	Wasteland
Total		43.6	60.3	39.8	5.6	

Taluk level Residue-wise Data for Jafrabad ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	12.9	4.5	2.9	0.41	Wasteland
Others	Twigs	12.9	3.8	2.5	0.35	Wasteland
Others	Bark	12.9	3.8	2.5	0.35	Wasteland
Others	Branches	12.9	3.8	2.5	0.35	Wasteland
Teak	Leaves	12.9	0.42	0.28	0.039	Wasteland
Teak	Twigs	12.9	0.36	0.24	0.034	Wasteland
Teak	Bark	12.9	0.36	0.24	0.034	Wasteland
Teak	Branches	12.9	0.36	0.24	0.034	Wasteland
Bamboo	Stalk	12.9	0.086	0.057	0.0079	Wasteland
Eucalyptus	Leaves	12.9	0.045	0.030	0.0041	Wasteland
Eucalyptus	Twigs	12.9	0.038	0.025	0.0036	Wasteland
Eucalyptus	Bark	12.9	0.038	0.025	0.0036	Wasteland
Eucalyptus	Branches	12.9	0.038	0.025	0.0036	Wasteland
Catechu	Leaves	12.9	0.025	0.016	0.0023	Wasteland
Catechu	Twigs	12.9	0.021	0.014	0.0020	Wasteland
Catechu	Bark	12.9	0.021	0.014	0.0020	Wasteland
Catechu	Branches	12.9	0.021	0.014	0.0020	Wasteland
Bamboo	Leaves	12.9	0.0033	0.0022	0.00031	Wasteland
Total		12.9	17.8	11.7	1.6	

Taluk level Residue-wise Data for Khambha ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	10.2	3.5	2.3	0.33	Wasteland
Others	Twigs	10.2	3.0	2.0	0.28	Wasteland
Others	Bark	10.2	3.0	2.0	0.28	Wasteland
Others	Branches	10.2	3.0	2.0	0.28	Wasteland
Teak	Leaves	10.2	0.33	0.22	0.031	Wasteland
Teak	Twigs	10.2	0.29	0.19	0.026	Wasteland
Teak	Bark	10.2	0.29	0.19	0.026	Wasteland
Teak	Branches	10.2	0.29	0.19	0.026	Wasteland
Bamboo	Stalk	10.2	0.068	0.045	0.0062	Wasteland
Eucalyptus	Leaves	10.2	0.035	0.023	0.0033	Wasteland
Eucalyptus	Twigs	10.2	0.030	0.020	0.0028	Wasteland
Eucalyptus	Bark	10.2	0.030	0.020	0.0028	Wasteland
Eucalyptus	Branches	10.2	0.030	0.020	0.0028	Wasteland
Catechu	Leaves	10.2	0.020	0.013	0.0018	Wasteland
Catechu	Twigs	10.2	0.017	0.011	0.0016	Wasteland
Catechu	Bark	10.2	0.017	0.011	0.0016	Wasteland
Catechu	Branches	10.2	0.017	0.011	0.0016	Wasteland
Bamboo	Leaves	10.2	0.0026	0.0017	0.00024	Wasteland
Total		10.2	14.0	9.3	1.3	

Taluk level Residue-wise Data for Lathi ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	17.5	6.0	4.0	0.56	Wasteland
Others	Twigs	17.5	5.2	3.4	0.48	Wasteland
Others	Bark	17.5	5.2	3.4	0.48	Wasteland
Others	Branches	17.5	5.2	3.4	0.48	Wasteland
Teak	Leaves	17.5	0.57	0.38	0.053	Wasteland
Teak	Twigs	17.5	0.49	0.33	0.046	Wasteland
Teak	Bark	17.5	0.49	0.33	0.046	Wasteland
Teak	Branches	17.5	0.49	0.33	0.046	Wasteland
Bamboo	Stalk	17.5	0.12	0.077	0.011	Wasteland
Eucalyptus	Leaves	17.5	0.061	0.040	0.0056	Wasteland
Eucalyptus	Twigs	17.5	0.052	0.034	0.0048	Wasteland
Eucalyptus	Bark	17.5	0.052	0.034	0.0048	Wasteland
Eucalyptus	Branches	17.5	0.052	0.034	0.0048	Wasteland
Catechu	Leaves	17.5	0.034	0.022	0.0031	Wasteland
Catechu	Twigs	17.5	0.029	0.019	0.0027	Wasteland
Catechu	Bark	17.5	0.029	0.019	0.0027	Wasteland
Catechu	Branches	17.5	0.029	0.019	0.0027	Wasteland
Bamboo	Leaves	17.5	0.0045	0.0030	0.00042	Wasteland
Total		17.5	24.1	15.9	2.2	

Taluk level Residue-wise Data for Liliya ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	12.2	4.2	2.8	0.39	Wasteland
Others	Twigs	12.2	3.6	2.4	0.34	Wasteland
Others	Bark	12.2	3.6	2.4	0.34	Wasteland
Others	Branches	12.2	3.6	2.4	0.34	Wasteland
Teak	Leaves	12.2	0.40	0.27	0.037	Wasteland
Teak	Twigs	12.2	0.34	0.23	0.032	Wasteland
Teak	Bark	12.2	0.34	0.23	0.032	Wasteland
Teak	Branches	12.2	0.34	0.23	0.032	Wasteland
Bamboo	Stalk	12.2	0.081	0.054	0.0075	Wasteland
Eucalyptus	Leaves	12.2	0.042	0.028	0.0039	Wasteland
Eucalyptus	Twigs	12.2	0.036	0.024	0.0034	Wasteland
Eucalyptus	Bark	12.2	0.036	0.024	0.0034	Wasteland
Eucalyptus	Branches	12.2	0.036	0.024	0.0034	Wasteland
Catechu	Leaves	12.2	0.024	0.016	0.0022	Wasteland
Catechu	Twigs	12.2	0.020	0.013	0.0019	Wasteland
Catechu	Bark	12.2	0.020	0.013	0.0019	Wasteland
Catechu	Branches	12.2	0.020	0.013	0.0019	Wasteland
Bamboo	Leaves	12.2	0.0032	0.0021	0.00029	Wasteland
Total		12.2	16.9	11.1	1.6	

Taluk level Residue-wise Data for Rajula ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	17.1	5.9	3.9	0.55	Wasteland
Others	Twigs	17.1	5.1	3.4	0.47	Wasteland
Others	Bark	17.1	5.1	3.4	0.47	Wasteland
Others	Branches	17.1	5.1	3.4	0.47	Wasteland
Teak	Leaves	17.1	0.56	0.37	0.052	Wasteland
Teak	Twigs	17.1	0.48	0.32	0.045	Wasteland
Teak	Bark	17.1	0.48	0.32	0.045	Wasteland
Teak	Branches	17.1	0.48	0.32	0.045	Wasteland
Bamboo	Stalk	17.1	0.11	0.075	0.011	Wasteland
Eucalyptus	Leaves	17.1	0.059	0.039	0.0055	Wasteland
Eucalyptus	Twigs	17.1	0.051	0.034	0.0047	Wasteland
Eucalyptus	Bark	17.1	0.051	0.034	0.0047	Wasteland
Eucalyptus	Branches	17.1	0.051	0.034	0.0047	Wasteland
Catechu	Leaves	17.1	0.033	0.022	0.0031	Wasteland
Catechu	Twigs	17.1	0.028	0.019	0.0026	Wasteland
Catechu	Bark	17.1	0.028	0.019	0.0026	Wasteland
Catechu	Branches	17.1	0.028	0.019	0.0026	Wasteland
Bamboo	Leaves	17.1	0.0044	0.0029	0.00041	Wasteland
Total		17.1	23.6	15.6	2.2	

Taluk level Residue-wise Data for Savarkundla ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	61.8	21.4	14.2	2.0	Wasteland
Others	Twigs	61.8	18.4	12.1	1.7	Wasteland
Others	Bark	61.8	18.4	12.1	1.7	Wasteland
Others	Branches	61.8	18.4	12.1	1.7	Wasteland
Teak	Leaves	61.8	2.0	1.3	0.19	Wasteland
Teak	Twigs	61.8	1.7	1.2	0.16	Wasteland
Teak	Bark	61.8	1.7	1.2	0.16	Wasteland
Teak	Branches	61.8	1.7	1.2	0.16	Wasteland
Bamboo	Stalk	61.8	0.41	0.27	0.038	Wasteland
Eucalyptus	Leaves	61.8	0.22	0.14	0.020	Wasteland
Eucalyptus	Twigs	61.8	0.18	0.12	0.017	Wasteland
Eucalyptus	Bark	61.8	0.18	0.12	0.017	Wasteland
Eucalyptus	Branches	61.8	0.18	0.12	0.017	Wasteland
Catechu	Leaves	61.8	0.12	0.079	0.011	Wasteland
Catechu	Twigs	61.8	0.10	0.068	0.0095	Wasteland
Catechu	Bark	61.8	0.10	0.068	0.0095	Wasteland
Catechu	Branches	61.8	0.10	0.068	0.0095	Wasteland
Bamboo	Leaves	61.8	0.016	0.011	0.0015	Wasteland
Total		61.8	85.3	56.4	7.9	

Taluk level Residue-wise Data for Vadia ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	6.2	2.1	1.4	0.20	Wasteland
Others	Twigs	6.2	1.8	1.2	0.17	Wasteland
Others	Bark	6.2	1.8	1.2	0.17	Wasteland
Others	Branches	6.2	1.8	1.2	0.17	Wasteland
Teak	Leaves	6.2	0.20	0.13	0.019	Wasteland
Teak	Twigs	6.2	0.17	0.12	0.016	Wasteland
Teak	Bark	6.2	0.17	0.12	0.016	Wasteland
Teak	Branches	6.2	0.17	0.12	0.016	Wasteland
Bamboo	Stalk	6.2	0.041	0.027	0.0038	Wasteland
Eucalyptus	Leaves	6.2	0.022	0.014	0.0020	Wasteland
Eucalyptus	Twigs	6.2	0.018	0.012	0.0017	Wasteland
Eucalyptus	Bark	6.2	0.018	0.012	0.0017	Wasteland
Eucalyptus	Branches	6.2	0.018	0.012	0.0017	Wasteland
Catechu	Leaves	6.2	0.012	0.0079	0.0011	Wasteland
Catechu	Twigs	6.2	0.010	0.0068	0.00095	Wasteland
Catechu	Bark	6.2	0.010	0.0068	0.00095	Wasteland
Catechu	Branches	6.2	0.010	0.0068	0.00095	Wasteland
Bamboo	Leaves	6.2	0.0016	0.0011	0.00015	Wasteland
Total		6.2	8.6	5.7	0.79	

Taluk level Residue-wise Data for Anand ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.30	0.10	0.084	0.012	Wasteland
Others	Twigs	0.30	0.090	0.072	0.010	Wasteland
Others	Bark	0.30	0.090	0.072	0.010	Wasteland
Others	Branches	0.30	0.090	0.072	0.010	Wasteland
Teak	Leaves	0.30	0.0099	0.0079	0.0011	Wasteland
Teak	Twigs	0.30	0.0085	0.0068	0.00095	Wasteland
Teak	Bark	0.30	0.0085	0.0068	0.00095	Wasteland
Teak	Branches	0.30	0.0085	0.0068	0.00095	Wasteland
Bamboo	Stalk	0.30	0.0020	0.0016	0.00022	Wasteland
Eucalyptus	Leaves	0.30	0.0010	0.00084	0.00012	Wasteland
Eucalyptus	Twigs	0.30	0.00090	0.00072	0.00010	Wasteland
Eucalyptus	Bark	0.30	0.00090	0.00072	0.00010	Wasteland
Eucalyptus	Branches	0.30	0.00090	0.00072	0.00010	Wasteland
Catechu	Leaves	0.30	0.00058	0.00047	6.53E-05	Wasteland
Catechu	Twigs	0.30	0.00050	0.00040	5.60E-05	Wasteland
Catechu	Bark	0.30	0.00050	0.00040	5.60E-05	Wasteland
Catechu	Branches	0.30	0.00050	0.00040	5.60E-05	Wasteland
Bamboo	Leaves	0.30	7.80E-05	6.24E-05	8.73E-06	Wasteland
Total		0.30	0.42	0.33	0.047	

Taluk level Residue-wise Data for Anklay ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.77	0.27	0.21	0.030	Wasteland
Others	Twigs	0.77	0.23	0.18	0.026	Wasteland
Others	Bark	0.77	0.23	0.18	0.026	Wasteland
Others	Branches	0.77	0.23	0.18	0.026	Wasteland
Teak	Leaves	0.77	0.025	0.020	0.0028	Wasteland
Teak	Twigs	0.77	0.022	0.017	0.0024	Wasteland
Teak	Bark	0.77	0.022	0.017	0.0024	Wasteland
Teak	Branches	0.77	0.022	0.017	0.0024	Wasteland
Bamboo	Stalk	0.77	0.0051	0.0041	0.00057	Wasteland
Eucalyptus	Leaves	0.77	0.0027	0.0021	0.00030	Wasteland
Eucalyptus	Twigs	0.77	0.0023	0.0018	0.00026	Wasteland
Eucalyptus	Bark	0.77	0.0023	0.0018	0.00026	Wasteland
Eucalyptus	Branches	0.77	0.0023	0.0018	0.00026	Wasteland
Catechu	Leaves	0.77	0.0015	0.0012	0.00017	Wasteland
Catechu	Twigs	0.77	0.0013	0.0010	0.00014	Wasteland
Catechu	Bark	0.77	0.0013	0.0010	0.00014	Wasteland
Catechu	Branches	0.77	0.0013	0.0010	0.00014	Wasteland
Bamboo	Leaves	0.77	0.00020	0.00016	2.23E-05	Wasteland
Total		0.77	1.1	0.85	0.12	

Taluk level Residue-wise Data for Borsad ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.2	0.41	0.33	0.046	Wasteland
Others	Twigs	1.2	0.35	0.28	0.039	Wasteland
Others	Bark	1.2	0.35	0.28	0.039	Wasteland
Others	Branches	1.2	0.35	0.28	0.039	Wasteland
Teak	Leaves	1.2	0.039	0.031	0.0043	Wasteland
Teak	Twigs	1.2	0.033	0.027	0.0037	Wasteland
Teak	Bark	1.2	0.033	0.027	0.0037	Wasteland
Teak	Branches	1.2	0.033	0.027	0.0037	Wasteland
Bamboo	Stalk	1.2	0.0078	0.0063	0.00088	Wasteland
Eucalyptus	Leaves	1.2	0.0041	0.0033	0.00046	Wasteland
Eucalyptus	Twigs	1.2	0.0035	0.0028	0.00039	Wasteland
Eucalyptus	Bark	1.2	0.0035	0.0028	0.00039	Wasteland
Eucalyptus	Branches	1.2	0.0035	0.0028	0.00039	Wasteland
Catechu	Leaves	1.2	0.0023	0.0018	0.00026	Wasteland
Catechu	Twigs	1.2	0.0020	0.0016	0.00022	Wasteland
Catechu	Bark	1.2	0.0020	0.0016	0.00022	Wasteland
Catechu	Branches	1.2	0.0020	0.0016	0.00022	Wasteland
Bamboo	Leaves	1.2	0.00031	0.00024	3.42E-05	Wasteland
Total		1.2	1.6	1.3	0.18	

Taluk level Residue-wise Data for Khambhat ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	32.6	11.3	9.1	1.3	Wasteland
Others	Twigs	32.6	9.7	7.8	1.1	Wasteland
Others	Bark	32.6	9.7	7.8	1.1	Wasteland
Others	Branches	32.6	9.7	7.8	1.1	Wasteland
Teak	Leaves	32.6	1.1	0.86	0.12	Wasteland
Teak	Twigs	32.6	0.92	0.74	0.10	Wasteland
Teak	Bark	32.6	0.92	0.74	0.10	Wasteland
Teak	Branches	32.6	0.92	0.74	0.10	Wasteland
Bamboo	Stalk	32.6	0.22	0.17	0.024	Wasteland
Eucalyptus	Leaves	32.6	0.11	0.091	0.013	Wasteland
Eucalyptus	Twigs	32.6	0.097	0.078	0.011	Wasteland
Eucalyptus	Bark	32.6	0.097	0.078	0.011	Wasteland
Eucalyptus	Branches	32.6	0.097	0.078	0.011	Wasteland
Catechu	Leaves	32.6	0.063	0.051	0.0071	Wasteland
Catechu	Twigs	32.6	0.054	0.043	0.0061	Wasteland
Catechu	Bark	32.6	0.054	0.043	0.0061	Wasteland
Catechu	Branches	32.6	0.054	0.043	0.0061	Wasteland
Bamboo	Leaves	32.6	0.0084	0.0068	0.00095	Wasteland
Total		32.6	45.1	36.1	5.1	

Taluk level Residue-wise Data for Sojitra ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.034	0.012	0.0095	0.0013	Wasteland
Others	Twigs	0.034	0.010	0.0081	0.0011	Wasteland
Others	Bark	0.034	0.010	0.0081	0.0011	Wasteland
Others	Branches	0.034	0.010	0.0081	0.0011	Wasteland
Teak	Leaves	0.034	0.0011	0.00090	0.00013	Wasteland
Teak	Twigs	0.034	0.00096	0.00077	0.00011	Wasteland
Teak	Bark	0.034	0.00096	0.00077	0.00011	Wasteland
Teak	Branches	0.034	0.00096	0.00077	0.00011	Wasteland
Bamboo	Stalk	0.034	0.00023	0.00018	2.55E-05	Wasteland
Eucalyptus	Leaves	0.034	0.00012	9.52E-05	1.33E-05	Wasteland
Eucalyptus	Twigs	0.034	0.00010	8.16E-05	1.14E-05	Wasteland
Eucalyptus	Bark	0.034	0.00010	8.16E-05	1.14E-05	Wasteland
Eucalyptus	Branches	0.034	0.00010	8.16E-05	1.14E-05	Wasteland
Catechu	Leaves	0.034	6.61E-05	5.29E-05	7.40E-06	Wasteland
Catechu	Twigs	0.034	5.67E-05	4.53E-05	6.35E-06	Wasteland
Catechu	Bark	0.034	5.67E-05	4.53E-05	6.35E-06	Wasteland
Catechu	Branches	0.034	5.67E-05	4.53E-05	6.35E-06	Wasteland
Bamboo	Leaves	0.034	8.84E-06	7.07E-06	9.90E-07	Wasteland
Total		0.034	0.047	0.038	0.0053	

Taluk level Residue-wise Data for Tarapur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	10.3	3.6	2.8	0.40	Wasteland
Others	Twigs	10.3	3.1	2.4	0.34	Wasteland
Others	Bark	10.3	3.1	2.4	0.34	Wasteland
Others	Branches	10.3	3.1	2.4	0.34	Wasteland
Teak	Leaves	10.3	0.34	0.27	0.038	Wasteland
Teak	Twigs	10.3	0.29	0.23	0.032	Wasteland
Teak	Bark	10.3	0.29	0.23	0.032	Wasteland
Teak	Branches	10.3	0.29	0.23	0.032	Wasteland
Bamboo	Stalk	10.3	0.068	0.055	0.0076	Wasteland
Eucalyptus	Leaves	10.3	0.036	0.029	0.0040	Wasteland
Eucalyptus	Twigs	10.3	0.031	0.025	0.0034	Wasteland
Eucalyptus	Bark	10.3	0.031	0.025	0.0034	Wasteland
Eucalyptus	Branches	10.3	0.031	0.025	0.0034	Wasteland
Catechu	Leaves	10.3	0.020	0.016	0.0022	Wasteland
Catechu	Twigs	10.3	0.017	0.014	0.0019	Wasteland
Catechu	Bark	10.3	0.017	0.014	0.0019	Wasteland
Catechu	Branches	10.3	0.017	0.014	0.0019	Wasteland
Bamboo	Leaves	10.3	0.0027	0.0021	0.00030	Wasteland
Total		10.3	14.2	11.3	1.6	

Taluk level Residue-wise Data for Umreth ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.14	0.048	0.038	0.0054	Wasteland
Others	Twigs	0.14	0.041	0.033	0.0046	Wasteland
Others	Bark	0.14	0.041	0.033	0.0046	Wasteland
Others	Branches	0.14	0.041	0.033	0.0046	Wasteland
Teak	Leaves	0.14	0.0046	0.0037	0.00051	Wasteland
Teak	Twigs	0.14	0.0039	0.0031	0.00044	Wasteland
Teak	Bark	0.14	0.0039	0.0031	0.00044	Wasteland
Teak	Branches	0.14	0.0039	0.0031	0.00044	Wasteland
Bamboo	Stalk	0.14	0.00092	0.00074	0.00010	Wasteland
Eucalyptus	Leaves	0.14	0.00048	0.00039	5.41E-05	Wasteland
Eucalyptus	Twigs	0.14	0.00041	0.00033	4.64E-05	Wasteland
Eucalyptus	Bark	0.14	0.00041	0.00033	4.64E-05	Wasteland
Eucalyptus	Branches	0.14	0.00041	0.00033	4.64E-05	Wasteland
Catechu	Leaves	0.14	0.00027	0.00021	3.01E-05	Wasteland
Catechu	Twigs	0.14	0.00023	0.00018	2.58E-05	Wasteland
Catechu	Bark	0.14	0.00023	0.00018	2.58E-05	Wasteland
Catechu	Branches	0.14	0.00023	0.00018	2.58E-05	Wasteland
Bamboo	Leaves	0.14	3.59E-05	2.87E-05	4.02E-06	Wasteland
Total		0.14	0.19	0.15	0.021	

Taluk level Residue-wise Data for Amirgadh ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	12.7	4.4	2.9	0.41	Wasteland
Others	Twigs	12.7	3.8	2.5	0.35	Wasteland
Others	Bark	12.7	3.8	2.5	0.35	Wasteland
Others	Branches	12.7	3.8	2.5	0.35	Wasteland
Teak	Leaves	12.7	0.42	0.28	0.039	Wasteland
Teak	Twigs	12.7	0.36	0.24	0.033	Wasteland
Teak	Bark	12.7	0.36	0.24	0.033	Wasteland
Teak	Branches	12.7	0.36	0.24	0.033	Wasteland
Bamboo	Stalk	12.7	0.084	0.056	0.0078	Wasteland
Eucalyptus	Leaves	12.7	0.044	0.029	0.0041	Wasteland
Eucalyptus	Twigs	12.7	0.038	0.025	0.0035	Wasteland
Eucalyptus	Bark	12.7	0.038	0.025	0.0035	Wasteland
Eucalyptus	Branches	12.7	0.038	0.025	0.0035	Wasteland
Catechu	Leaves	12.7	0.024	0.016	0.0023	Wasteland
Catechu	Twigs	12.7	0.021	0.014	0.0019	Wasteland
Catechu	Bark	12.7	0.021	0.014	0.0019	Wasteland
Catechu	Branches	12.7	0.021	0.014	0.0019	Wasteland
Bamboo	Leaves	12.7	0.0033	0.0022	0.00030	Wasteland
Total		12.7	17.5	11.6	1.6	

Taluk level Residue-wise Data for Bhabhar ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	4.0	1.4	0.92	0.13	Wasteland
Others	Twigs	4.0	1.2	0.79	0.11	Wasteland
Others	Bark	4.0	1.2	0.79	0.11	Wasteland
Others	Branches	4.0	1.2	0.79	0.11	Wasteland
Teak	Leaves	4.0	0.13	0.087	0.012	Wasteland
Teak	Twigs	4.0	0.11	0.075	0.010	Wasteland
Teak	Bark	4.0	0.11	0.075	0.010	Wasteland
Teak	Branches	4.0	0.11	0.075	0.010	Wasteland
Bamboo	Stalk	4.0	0.027	0.018	0.0025	Wasteland
Eucalyptus	Leaves	4.0	0.014	0.0093	0.0013	Wasteland
Eucalyptus	Twigs	4.0	0.012	0.0079	0.0011	Wasteland
Eucalyptus	Bark	4.0	0.012	0.0079	0.0011	Wasteland
Eucalyptus	Branches	4.0	0.012	0.0079	0.0011	Wasteland
Catechu	Leaves	4.0	0.0078	0.0051	0.00072	Wasteland
Catechu	Twigs	4.0	0.0067	0.0044	0.00062	Wasteland
Catechu	Bark	4.0	0.0067	0.0044	0.00062	Wasteland
Catechu	Branches	4.0	0.0067	0.0044	0.00062	Wasteland
Bamboo	Leaves	4.0	0.0010	0.00069	9.62E-05	Wasteland
Total		4.0	5.6	3.7	0.51	

Taluk level Residue-wise Data for Danta ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	21.5	7.4	4.9	0.69	Wasteland
Others	Twigs	21.5	6.4	4.2	0.59	Wasteland
Others	Bark	21.5	6.4	4.2	0.59	Wasteland
Others	Branches	21.5	6.4	4.2	0.59	Wasteland
Teak	Leaves	21.5	0.71	0.47	0.065	Wasteland
Teak	Twigs	21.5	0.61	0.40	0.056	Wasteland
Teak	Bark	21.5	0.61	0.40	0.056	Wasteland
Teak	Branches	21.5	0.61	0.40	0.056	Wasteland
Bamboo	Stalk	21.5	0.14	0.094	0.013	Wasteland
Eucalyptus	Leaves	21.5	0.075	0.049	0.0069	Wasteland
Eucalyptus	Twigs	21.5	0.064	0.042	0.0059	Wasteland
Eucalyptus	Bark	21.5	0.064	0.042	0.0059	Wasteland
Eucalyptus	Branches	21.5	0.064	0.042	0.0059	Wasteland
Catechu	Leaves	21.5	0.042	0.027	0.0038	Wasteland
Catechu	Twigs	21.5	0.036	0.024	0.0033	Wasteland
Catechu	Bark	21.5	0.036	0.024	0.0033	Wasteland
Catechu	Branches	21.5	0.036	0.024	0.0033	Wasteland
Bamboo	Leaves	21.5	0.0056	0.0037	0.00051	Wasteland
Total		21.5	29.7	19.6	2.7	

Taluk level Residue-wise Data for Dantiwada ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.39	0.13	0.088	0.012	Wasteland
Others	Twigs	0.39	0.11	0.076	0.011	Wasteland
Others	Bark	0.39	0.11	0.076	0.011	Wasteland
Others	Branches	0.39	0.11	0.076	0.011	Wasteland
Teak	Leaves	0.39	0.013	0.0084	0.0012	Wasteland
Teak	Twigs	0.39	0.011	0.0072	0.0010	Wasteland
Teak	Bark	0.39	0.011	0.0072	0.0010	Wasteland
Teak	Branches	0.39	0.011	0.0072	0.0010	Wasteland
Bamboo	Stalk	0.39	0.0026	0.0017	0.00024	Wasteland
Eucalyptus	Leaves	0.39	0.0013	0.00089	0.00012	Wasteland
Eucalyptus	Twigs	0.39	0.0011	0.00076	0.00011	Wasteland
Eucalyptus	Bark	0.39	0.0011	0.00076	0.00011	Wasteland
Eucalyptus	Branches	0.39	0.0011	0.00076	0.00011	Wasteland
Catechu	Leaves	0.39	0.00074	0.00049	6.89E-05	Wasteland
Catechu	Twigs	0.39	0.00064	0.00042	5.91E-05	Wasteland
Catechu	Bark	0.39	0.00064	0.00042	5.91E-05	Wasteland
Catechu	Branches	0.39	0.00064	0.00042	5.91E-05	Wasteland
Bamboo	Leaves	0.39	9.96E-05	6.58E-05	9.21E-06	Wasteland
Total		0.39	0.53	0.35	0.049	

Taluk level Residue-wise Data for Deesa ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.58	0.20	0.13	0.019	Wasteland
Others	Twigs	0.58	0.17	0.11	0.016	Wasteland
Others	Bark	0.58	0.17	0.11	0.016	Wasteland
Others	Branches	0.58	0.17	0.11	0.016	Wasteland
Teak	Leaves	0.58	0.019	0.013	0.0018	Wasteland
Teak	Twigs	0.58	0.016	0.011	0.0015	Wasteland
Teak	Bark	0.58	0.016	0.011	0.0015	Wasteland
Teak	Branches	0.58	0.016	0.011	0.0015	Wasteland
Bamboo	Stalk	0.58	0.0039	0.0026	0.00036	Wasteland
Eucalyptus	Leaves	0.58	0.0020	0.0013	0.00019	Wasteland
Eucalyptus	Twigs	0.58	0.0017	0.0012	0.00016	Wasteland
Eucalyptus	Bark	0.58	0.0017	0.0012	0.00016	Wasteland
Eucalyptus	Branches	0.58	0.0017	0.0012	0.00016	Wasteland
Catechu	Leaves	0.58	0.0011	0.00075	0.00010	Wasteland
Catechu	Twigs	0.58	0.00097	0.00064	8.96E-05	Wasteland
Catechu	Bark	0.58	0.00097	0.00064	8.96E-05	Wasteland
Catechu	Branches	0.58	0.00097	0.00064	8.96E-05	Wasteland
Bamboo	Leaves	0.58	0.00015	9.99E-05	1.40E-05	Wasteland
Total		0.58	0.81	0.53	0.075	

Taluk level Residue-wise Data for Kankrej ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.7	0.93	0.61	0.086	Wasteland
Others	Twigs	2.7	0.80	0.53	0.074	Wasteland
Others	Bark	2.7	0.80	0.53	0.074	Wasteland
Others	Branches	2.7	0.80	0.53	0.074	Wasteland
Teak	Leaves	2.7	0.088	0.058	0.0081	Wasteland
Teak	Twigs	2.7	0.075	0.050	0.0070	Wasteland
Teak	Bark	2.7	0.075	0.050	0.0070	Wasteland
Teak	Branches	2.7	0.075	0.050	0.0070	Wasteland
Bamboo	Stalk	2.7	0.018	0.012	0.0016	Wasteland
Eucalyptus	Leaves	2.7	0.0093	0.0062	0.00086	Wasteland
Eucalyptus	Twigs	2.7	0.0080	0.0053	0.00074	Wasteland
Eucalyptus	Bark	2.7	0.0080	0.0053	0.00074	Wasteland
Eucalyptus	Branches	2.7	0.0080	0.0053	0.00074	Wasteland
Catechu	Leaves	2.7	0.0052	0.0034	0.00048	Wasteland
Catechu	Twigs	2.7	0.0044	0.0029	0.00041	Wasteland
Catechu	Bark	2.7	0.0044	0.0029	0.00041	Wasteland
Catechu	Branches	2.7	0.0044	0.0029	0.00041	Wasteland
Bamboo	Leaves	2.7	0.00069	0.00046	6.41E-05	Wasteland
Total		2.7	3.7	2.4	0.34	

Taluk level Residue-wise Data for Palanpur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	3.1	1.1	0.71	0.099	Wasteland
Others	Twigs	3.1	0.92	0.61	0.085	Wasteland
Others	Bark	3.1	0.92	0.61	0.085	Wasteland
Others	Branches	3.1	0.92	0.61	0.085	Wasteland
Teak	Leaves	3.1	0.10	0.067	0.0094	Wasteland
Teak	Twigs	3.1	0.087	0.058	0.0081	Wasteland
Teak	Bark	3.1	0.087	0.058	0.0081	Wasteland
Teak	Branches	3.1	0.087	0.058	0.0081	Wasteland
Bamboo	Stalk	3.1	0.021	0.014	0.0019	Wasteland
Eucalyptus	Leaves	3.1	0.011	0.0071	0.00099	Wasteland
Eucalyptus	Twigs	3.1	0.0092	0.0061	0.00085	Wasteland
Eucalyptus	Bark	3.1	0.0092	0.0061	0.00085	Wasteland
Eucalyptus	Branches	3.1	0.0092	0.0061	0.00085	Wasteland
Catechu	Leaves	3.1	0.0060	0.0039	0.00055	Wasteland
Catechu	Twigs	3.1	0.0051	0.0034	0.00047	Wasteland
Catechu	Bark	3.1	0.0051	0.0034	0.00047	Wasteland
Catechu	Branches	3.1	0.0051	0.0034	0.00047	Wasteland
Bamboo	Leaves	3.1	0.00080	0.00053	7.39E-05	Wasteland
Total		3.1	4.3	2.8	0.39	

Taluk level Residue-wise Data for Tharad ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	5.7	2.0	1.3	0.18	Wasteland
Others	Twigs	5.7	1.7	1.1	0.16	Wasteland
Others	Bark	5.7	1.7	1.1	0.16	Wasteland
Others	Branches	5.7	1.7	1.1	0.16	Wasteland
Teak	Leaves	5.7	0.19	0.12	0.017	Wasteland
Teak	Twigs	5.7	0.16	0.11	0.015	Wasteland
Teak	Bark	5.7	0.16	0.11	0.015	Wasteland
Teak	Branches	5.7	0.16	0.11	0.015	Wasteland
Bamboo	Stalk	5.7	0.038	0.025	0.0035	Wasteland
Eucalyptus	Leaves	5.7	0.020	0.013	0.0018	Wasteland
Eucalyptus	Twigs	5.7	0.017	0.011	0.0016	Wasteland
Eucalyptus	Bark	5.7	0.017	0.011	0.0016	Wasteland
Eucalyptus	Branches	5.7	0.017	0.011	0.0016	Wasteland
Catechu	Leaves	5.7	0.011	0.0073	0.0010	Wasteland
Catechu	Twigs	5.7	0.0095	0.0063	0.00088	Wasteland
Catechu	Bark	5.7	0.0095	0.0063	0.00088	Wasteland
Catechu	Branches	5.7	0.0095	0.0063	0.00088	Wasteland
Bamboo	Leaves	5.7	0.0015	0.00098	0.00014	Wasteland
Total		5.7	7.9	5.2	0.73	

Taluk level Residue-wise Data for Vadgam ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.77	0.27	0.18	0.025	Wasteland
Others	Twigs	0.77	0.23	0.15	0.021	Wasteland
Others	Bark	0.77	0.23	0.15	0.021	Wasteland
Others	Branches	0.77	0.23	0.15	0.021	Wasteland
Teak	Leaves	0.77	0.025	0.017	0.0023	Wasteland
Teak	Twigs	0.77	0.022	0.014	0.0020	Wasteland
Teak	Bark	0.77	0.022	0.014	0.0020	Wasteland
Teak	Branches	0.77	0.022	0.014	0.0020	Wasteland
Bamboo	Stalk	0.77	0.0051	0.0034	0.00047	Wasteland
Eucalyptus	Leaves	0.77	0.0027	0.0018	0.00025	Wasteland
Eucalyptus	Twigs	0.77	0.0023	0.0015	0.00021	Wasteland
Eucalyptus	Bark	0.77	0.0023	0.0015	0.00021	Wasteland
Eucalyptus	Branches	0.77	0.0023	0.0015	0.00021	Wasteland
Catechu	Leaves	0.77	0.0015	0.00098	0.00014	Wasteland
Catechu	Twigs	0.77	0.0013	0.00084	0.00012	Wasteland
Catechu	Bark	0.77	0.0013	0.00084	0.00012	Wasteland
Catechu	Branches	0.77	0.0013	0.00084	0.00012	Wasteland
Bamboo	Leaves	0.77	0.00020	0.00013	1.84E-05	Wasteland
Total		0.77	1.1	0.70	0.098	

Taluk level Residue-wise Data for Vav ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	84.8	29.4	19.4	2.7	Wasteland
Others	Twigs	84.8	25.2	16.7	2.3	Wasteland
Others	Bark	84.8	25.2	16.7	2.3	Wasteland
Others	Branches	84.8	25.2	16.7	2.3	Wasteland
Teak	Leaves	84.8	2.8	1.8	0.26	Wasteland
Teak	Twigs	84.8	2.4	1.6	0.22	Wasteland
Teak	Bark	84.8	2.4	1.6	0.22	Wasteland
Teak	Branches	84.8	2.4	1.6	0.22	Wasteland
Bamboo	Stalk	84.8	0.56	0.37	0.052	Wasteland
Eucalyptus	Leaves	84.8	0.30	0.20	0.027	Wasteland
Eucalyptus	Twigs	84.8	0.25	0.17	0.023	Wasteland
Eucalyptus	Bark	84.8	0.25	0.17	0.023	Wasteland
Eucalyptus	Branches	84.8	0.25	0.17	0.023	Wasteland
Catechu	Leaves	84.8	0.16	0.11	0.015	Wasteland
Catechu	Twigs	84.8	0.14	0.093	0.013	Wasteland
Catechu	Bark	84.8	0.14	0.093	0.013	Wasteland
Catechu	Branches	84.8	0.14	0.093	0.013	Wasteland
Bamboo	Leaves	84.8	0.022	0.014	0.0020	Wasteland
Total		84.8	117.2	77.4	10.8	

Taluk level Residue-wise Data for Amod ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	7.3	2.5	1.7	0.23	Wasteland
Others	Twigs	7.3	2.2	1.4	0.20	Wasteland
Others	Bark	7.3	2.2	1.4	0.20	Wasteland
Others	Branches	7.3	2.2	1.4	0.20	Wasteland
Teak	Leaves	7.3	0.24	0.16	0.022	Wasteland
Teak	Twigs	7.3	0.21	0.14	0.019	Wasteland
Teak	Bark	7.3	0.21	0.14	0.019	Wasteland
Teak	Branches	7.3	0.21	0.14	0.019	Wasteland
Bamboo	Stalk	7.3	0.048	0.032	0.0045	Wasteland
Eucalyptus	Leaves	7.3	0.025	0.017	0.0023	Wasteland
Eucalyptus	Twigs	7.3	0.022	0.014	0.0020	Wasteland
Eucalyptus	Bark	7.3	0.022	0.014	0.0020	Wasteland
Eucalyptus	Branches	7.3	0.022	0.014	0.0020	Wasteland
Catechu	Leaves	7.3	0.014	0.0093	0.0013	Wasteland
Catechu	Twigs	7.3	0.012	0.0080	0.0011	Wasteland
Catechu	Bark	7.3	0.012	0.0080	0.0011	Wasteland
Catechu	Branches	7.3	0.012	0.0080	0.0011	Wasteland
Bamboo	Leaves	7.3	0.0019	0.0012	0.00017	Wasteland
Total		7.3	10.1	6.7	0.93	

Taluk level Residue-wise Data for Ankleshwar ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	15.9	5.5	3.6	0.51	Wasteland
Others	Twigs	15.9	4.7	3.1	0.44	Wasteland
Others	Bark	15.9	4.7	3.1	0.44	Wasteland
Others	Branches	15.9	4.7	3.1	0.44	Wasteland
Teak	Leaves	15.9	0.52	0.34	0.048	Wasteland
Teak	Twigs	15.9	0.45	0.30	0.041	Wasteland
Teak	Bark	15.9	0.45	0.30	0.041	Wasteland
Teak	Branches	15.9	0.45	0.30	0.041	Wasteland
Bamboo	Stalk	15.9	0.11	0.070	0.0098	Wasteland
Eucalyptus	Leaves	15.9	0.055	0.036	0.0051	Wasteland
Eucalyptus	Twigs	15.9	0.047	0.031	0.0044	Wasteland
Eucalyptus	Bark	15.9	0.047	0.031	0.0044	Wasteland
Eucalyptus	Branches	15.9	0.047	0.031	0.0044	Wasteland
Catechu	Leaves	15.9	0.031	0.020	0.0028	Wasteland
Catechu	Twigs	15.9	0.026	0.017	0.0024	Wasteland
Catechu	Bark	15.9	0.026	0.017	0.0024	Wasteland
Catechu	Branches	15.9	0.026	0.017	0.0024	Wasteland
Bamboo	Leaves	15.9	0.0041	0.0027	0.00038	Wasteland
Total		15.9	21.9	14.5	2.0	

Taluk level Residue-wise Data for Bharuch ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	15.5	5.4	3.5	0.50	Wasteland
Others	Twigs	15.5	4.6	3.0	0.43	Wasteland
Others	Bark	15.5	4.6	3.0	0.43	Wasteland
Others	Branches	15.5	4.6	3.0	0.43	Wasteland
Teak	Leaves	15.5	0.51	0.34	0.047	Wasteland
Teak	Twigs	15.5	0.44	0.29	0.040	Wasteland
Teak	Bark	15.5	0.44	0.29	0.040	Wasteland
Teak	Branches	15.5	0.44	0.29	0.040	Wasteland
Bamboo	Stalk	15.5	0.10	0.068	0.0095	Wasteland
Eucalyptus	Leaves	15.5	0.054	0.036	0.0050	Wasteland
Eucalyptus	Twigs	15.5	0.046	0.031	0.0043	Wasteland
Eucalyptus	Bark	15.5	0.046	0.031	0.0043	Wasteland
Eucalyptus	Branches	15.5	0.046	0.031	0.0043	Wasteland
Catechu	Leaves	15.5	0.030	0.020	0.0028	Wasteland
Catechu	Twigs	15.5	0.026	0.017	0.0024	Wasteland
Catechu	Bark	15.5	0.026	0.017	0.0024	Wasteland
Catechu	Branches	15.5	0.026	0.017	0.0024	Wasteland
Bamboo	Leaves	15.5	0.0040	0.0026	0.00037	Wasteland
Total		15.5	21.4	14.1	2.0	

Taluk level Residue-wise Data for Hansot ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	5.0	1.7	1.1	0.16	Wasteland
Others	Twigs	5.0	1.5	0.97	0.14	Wasteland
Others	Bark	5.0	1.5	0.97	0.14	Wasteland
Others	Branches	5.0	1.5	0.97	0.14	Wasteland
Teak	Leaves	5.0	0.16	0.11	0.015	Wasteland
Teak	Twigs	5.0	0.14	0.092	0.013	Wasteland
Teak	Bark	5.0	0.14	0.092	0.013	Wasteland
Teak	Branches	5.0	0.14	0.092	0.013	Wasteland
Bamboo	Stalk	5.0	0.033	0.022	0.0030	Wasteland
Eucalyptus	Leaves	5.0	0.017	0.011	0.0016	Wasteland
Eucalyptus	Twigs	5.0	0.015	0.0098	0.0014	Wasteland
Eucalyptus	Bark	5.0	0.015	0.0098	0.0014	Wasteland
Eucalyptus	Branches	5.0	0.015	0.0098	0.0014	Wasteland
Catechu	Leaves	5.0	0.0096	0.0063	0.00089	Wasteland
Catechu	Twigs	5.0	0.0082	0.0054	0.00076	Wasteland
Catechu	Bark	5.0	0.0082	0.0054	0.00076	Wasteland
Catechu	Branches	5.0	0.0082	0.0054	0.00076	Wasteland
Bamboo	Leaves	5.0	0.0013	0.00085	0.00012	Wasteland
Total		5.0	6.8	4.5	0.63	

Taluk level Residue-wise Data for Jambusar ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	30.3	10.5	6.9	0.97	Wasteland
Others	Twigs	30.3	9.0	5.9	0.83	Wasteland
Others	Bark	30.3	9.0	5.9	0.83	Wasteland
Others	Branches	30.3	9.0	5.9	0.83	Wasteland
Teak	Leaves	30.3	1.00	0.66	0.092	Wasteland
Teak	Twigs	30.3	0.85	0.56	0.079	Wasteland
Teak	Bark	30.3	0.85	0.56	0.079	Wasteland
Teak	Branches	30.3	0.85	0.56	0.079	Wasteland
Bamboo	Stalk	30.3	0.20	0.13	0.019	Wasteland
Eucalyptus	Leaves	30.3	0.11	0.070	0.0098	Wasteland
Eucalyptus	Twigs	30.3	0.090	0.060	0.0084	Wasteland
Eucalyptus	Bark	30.3	0.090	0.060	0.0084	Wasteland
Eucalyptus	Branches	30.3	0.090	0.060	0.0084	Wasteland
Catechu	Leaves	30.3	0.059	0.039	0.0054	Wasteland
Catechu	Twigs	30.3	0.050	0.033	0.0046	Wasteland
Catechu	Bark	30.3	0.050	0.033	0.0046	Wasteland
Catechu	Branches	30.3	0.050	0.033	0.0046	Wasteland
Bamboo	Leaves	30.3	0.0078	0.0052	0.00072	Wasteland
Total		30.3	41.8	27.7	3.9	

Taluk level Residue-wise Data for Jhaghadia ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	49.0	17.0	11.2	1.6	Wasteland
Others	Twigs	49.0	14.6	9.6	1.3	Wasteland
Others	Bark	49.0	14.6	9.6	1.3	Wasteland
Others	Branches	49.0	14.6	9.6	1.3	Wasteland
Teak	Leaves	49.0	1.6	1.1	0.15	Wasteland
Teak	Twigs	49.0	1.4	0.91	0.13	Wasteland
Teak	Bark	49.0	1.4	0.91	0.13	Wasteland
Teak	Branches	49.0	1.4	0.91	0.13	Wasteland
Bamboo	Stalk	49.0	0.33	0.22	0.030	Wasteland
Eucalyptus	Leaves	49.0	0.17	0.11	0.016	Wasteland
Eucalyptus	Twigs	49.0	0.15	0.097	0.014	Wasteland
Eucalyptus	Bark	49.0	0.15	0.097	0.014	Wasteland
Eucalyptus	Branches	49.0	0.15	0.097	0.014	Wasteland
Catechu	Leaves	49.0	0.095	0.063	0.0088	Wasteland
Catechu	Twigs	49.0	0.081	0.054	0.0075	Wasteland
Catechu	Bark	49.0	0.081	0.054	0.0075	Wasteland
Catechu	Branches	49.0	0.081	0.054	0.0075	Wasteland
Bamboo	Leaves	49.0	0.013	0.0084	0.0012	Wasteland
Total		49.0	67.8	44.8	6.3	

Taluk level Residue-wise Data for Vagara ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	14.1	4.9	3.2	0.45	Wasteland
Others	Twigs	14.1	4.2	2.8	0.39	Wasteland
Others	Bark	14.1	4.2	2.8	0.39	Wasteland
Others	Branches	14.1	4.2	2.8	0.39	Wasteland
Teak	Leaves	14.1	0.46	0.31	0.043	Wasteland
Teak	Twigs	14.1	0.40	0.26	0.037	Wasteland
Teak	Bark	14.1	0.40	0.26	0.037	Wasteland
Teak	Branches	14.1	0.40	0.26	0.037	Wasteland
Bamboo	Stalk	14.1	0.094	0.062	0.0087	Wasteland
Eucalyptus	Leaves	14.1	0.049	0.033	0.0046	Wasteland
Eucalyptus	Twigs	14.1	0.042	0.028	0.0039	Wasteland
Eucalyptus	Bark	14.1	0.042	0.028	0.0039	Wasteland
Eucalyptus	Branches	14.1	0.042	0.028	0.0039	Wasteland
Catechu	Leaves	14.1	0.027	0.018	0.0025	Wasteland
Catechu	Twigs	14.1	0.023	0.015	0.0022	Wasteland
Catechu	Bark	14.1	0.023	0.015	0.0022	Wasteland
Catechu	Branches	14.1	0.023	0.015	0.0022	Wasteland
Bamboo	Leaves	14.1	0.0037	0.0024	0.00034	Wasteland
Total		14.1	19.5	12.9	1.8	

Taluk level Residue-wise Data for Valiya ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	23.7	8.2	5.4	0.76	Wasteland
Others	Twigs	23.7	7.0	4.7	0.65	Wasteland
Others	Bark	23.7	7.0	4.7	0.65	Wasteland
Others	Branches	23.7	7.0	4.7	0.65	Wasteland
Teak	Leaves	23.7	0.78	0.52	0.072	Wasteland
Teak	Twigs	23.7	0.67	0.44	0.062	Wasteland
Teak	Bark	23.7	0.67	0.44	0.062	Wasteland
Teak	Branches	23.7	0.67	0.44	0.062	Wasteland
Bamboo	Stalk	23.7	0.16	0.10	0.015	Wasteland
Eucalyptus	Leaves	23.7	0.083	0.055	0.0076	Wasteland
Eucalyptus	Twigs	23.7	0.071	0.047	0.0065	Wasteland
Eucalyptus	Bark	23.7	0.071	0.047	0.0065	Wasteland
Eucalyptus	Branches	23.7	0.071	0.047	0.0065	Wasteland
Catechu	Leaves	23.7	0.046	0.030	0.0042	Wasteland
Catechu	Twigs	23.7	0.039	0.026	0.0036	Wasteland
Catechu	Bark	23.7	0.039	0.026	0.0036	Wasteland
Catechu	Branches	23.7	0.039	0.026	0.0036	Wasteland
Bamboo	Leaves	23.7	0.0061	0.0041	0.00057	Wasteland
Total		23.7	32.7	21.6	3.0	

Taluk level Residue-wise Data for Bhavnagar ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	51.5	17.8	11.8	1.7	Wasteland
Others	Twigs	51.5	15.3	10.1	1.4	Wasteland
Others	Bark	51.5	15.3	10.1	1.4	Wasteland
Others	Branches	51.5	15.3	10.1	1.4	Wasteland
Teak	Leaves	51.5	1.7	1.1	0.16	Wasteland
Teak	Twigs	51.5	1.5	0.96	0.13	Wasteland
Teak	Bark	51.5	1.5	0.96	0.13	Wasteland
Teak	Branches	51.5	1.5	0.96	0.13	Wasteland
Bamboo	Stalk	51.5	0.34	0.23	0.032	Wasteland
Eucalyptus	Leaves	51.5	0.18	0.12	0.017	Wasteland
Eucalyptus	Twigs	51.5	0.15	0.10	0.014	Wasteland
Eucalyptus	Bark	51.5	0.15	0.10	0.014	Wasteland
Eucalyptus	Branches	51.5	0.15	0.10	0.014	Wasteland
Catechu	Leaves	51.5	0.100	0.066	0.0092	Wasteland
Catechu	Twigs	51.5	0.085	0.056	0.0079	Wasteland
Catechu	Bark	51.5	0.085	0.056	0.0079	Wasteland
Catechu	Branches	51.5	0.085	0.056	0.0079	Wasteland
Bamboo	Leaves	51.5	0.013	0.0088	0.0012	Wasteland
Total		51.5	71.1	47.0	6.6	

Taluk level Residue-wise Data for Botad ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	46.1	16.0	10.5	1.5	Wasteland
Others	Twigs	46.1	13.7	9.0	1.3	Wasteland
Others	Bark	46.1	13.7	9.0	1.3	Wasteland
Others	Branches	46.1	13.7	9.0	1.3	Wasteland
Teak	Leaves	46.1	1.5	1.0	0.14	Wasteland
Teak	Twigs	46.1	1.3	0.86	0.12	Wasteland
Teak	Bark	46.1	1.3	0.86	0.12	Wasteland
Teak	Branches	46.1	1.3	0.86	0.12	Wasteland
Bamboo	Stalk	46.1	0.31	0.20	0.028	Wasteland
Eucalyptus	Leaves	46.1	0.16	0.11	0.015	Wasteland
Eucalyptus	Twigs	46.1	0.14	0.091	0.013	Wasteland
Eucalyptus	Bark	46.1	0.14	0.091	0.013	Wasteland
Eucalyptus	Branches	46.1	0.14	0.091	0.013	Wasteland
Catechu	Leaves	46.1	0.089	0.059	0.0082	Wasteland
Catechu	Twigs	46.1	0.076	0.050	0.0071	Wasteland
Catechu	Bark	46.1	0.076	0.050	0.0071	Wasteland
Catechu	Branches	46.1	0.076	0.050	0.0071	Wasteland
Bamboo	Leaves	46.1	0.012	0.0079	0.0011	Wasteland
Total		46.1	63.6	42.1	5.9	

Taluk level Residue-wise Data for Gadhada ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	54.2	18.8	12.4	1.7	Wasteland
Others	Twigs	54.2	16.1	10.6	1.5	Wasteland
Others	Bark	54.2	16.1	10.6	1.5	Wasteland
Others	Branches	54.2	16.1	10.6	1.5	Wasteland
Teak	Leaves	54.2	1.8	1.2	0.17	Wasteland
Teak	Twigs	54.2	1.5	1.0	0.14	Wasteland
Teak	Bark	54.2	1.5	1.0	0.14	Wasteland
Teak	Branches	54.2	1.5	1.0	0.14	Wasteland
Bamboo	Stalk	54.2	0.36	0.24	0.033	Wasteland
Eucalyptus	Leaves	54.2	0.19	0.12	0.017	Wasteland
Eucalyptus	Twigs	54.2	0.16	0.11	0.015	Wasteland
Eucalyptus	Bark	54.2	0.16	0.11	0.015	Wasteland
Eucalyptus	Branches	54.2	0.16	0.11	0.015	Wasteland
Catechu	Leaves	54.2	0.10	0.069	0.0097	Wasteland
Catechu	Twigs	54.2	0.090	0.059	0.0083	Wasteland
Catechu	Bark	54.2	0.090	0.059	0.0083	Wasteland
Catechu	Branches	54.2	0.090	0.059	0.0083	Wasteland
Bamboo	Leaves	54.2	0.014	0.0093	0.0013	Wasteland
Total		54.2	74.9	49.5	6.9	

Taluk level Residue-wise Data for Gariadhar ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	12.1	4.2	2.8	0.39	Wasteland
Others	Twigs	12.1	3.6	2.4	0.33	Wasteland
Others	Bark	12.1	3.6	2.4	0.33	Wasteland
Others	Branches	12.1	3.6	2.4	0.33	Wasteland
Teak	Leaves	12.1	0.40	0.26	0.037	Wasteland
Teak	Twigs	12.1	0.34	0.23	0.032	Wasteland
Teak	Bark	12.1	0.34	0.23	0.032	Wasteland
Teak	Branches	12.1	0.34	0.23	0.032	Wasteland
Bamboo	Stalk	12.1	0.080	0.053	0.0074	Wasteland
Eucalyptus	Leaves	12.1	0.042	0.028	0.0039	Wasteland
Eucalyptus	Twigs	12.1	0.036	0.024	0.0033	Wasteland
Eucalyptus	Bark	12.1	0.036	0.024	0.0033	Wasteland
Eucalyptus	Branches	12.1	0.036	0.024	0.0033	Wasteland
Catechu	Leaves	12.1	0.023	0.015	0.0022	Wasteland
Catechu	Twigs	12.1	0.020	0.013	0.0019	Wasteland
Catechu	Bark	12.1	0.020	0.013	0.0019	Wasteland
Catechu	Branches	12.1	0.020	0.013	0.0019	Wasteland
Bamboo	Leaves	12.1	0.0031	0.0021	0.00029	Wasteland
Total		12.1	16.7	11.0	1.5	

Taluk level Residue-wise Data for Ghogha ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	21.4	7.4	4.9	0.69	Wasteland
Others	Twigs	21.4	6.4	4.2	0.59	Wasteland
Others	Bark	21.4	6.4	4.2	0.59	Wasteland
Others	Branches	21.4	6.4	4.2	0.59	Wasteland
Teak	Leaves	21.4	0.70	0.47	0.065	Wasteland
Teak	Twigs	21.4	0.60	0.40	0.056	Wasteland
Teak	Bark	21.4	0.60	0.40	0.056	Wasteland
Teak	Branches	21.4	0.60	0.40	0.056	Wasteland
Bamboo	Stalk	21.4	0.14	0.094	0.013	Wasteland
Eucalyptus	Leaves	21.4	0.075	0.049	0.0069	Wasteland
Eucalyptus	Twigs	21.4	0.064	0.042	0.0059	Wasteland
Eucalyptus	Bark	21.4	0.064	0.042	0.0059	Wasteland
Eucalyptus	Branches	21.4	0.064	0.042	0.0059	Wasteland
Catechu	Leaves	21.4	0.041	0.027	0.0038	Wasteland
Catechu	Twigs	21.4	0.035	0.023	0.0033	Wasteland
Catechu	Bark	21.4	0.035	0.023	0.0033	Wasteland
Catechu	Branches	21.4	0.035	0.023	0.0033	Wasteland
Bamboo	Leaves	21.4	0.0055	0.0037	0.00051	Wasteland
Total		21.4	29.6	19.5	2.7	

Taluk level Residue-wise Data for Mahuva ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	57.2	19.8	13.1	1.8	Wasteland
Others	Twigs	57.2	17.0	11.2	1.6	Wasteland
Others	Bark	57.2	17.0	11.2	1.6	Wasteland
Others	Branches	57.2	17.0	11.2	1.6	Wasteland
Teak	Leaves	57.2	1.9	1.2	0.17	Wasteland
Teak	Twigs	57.2	1.6	1.1	0.15	Wasteland
Teak	Bark	57.2	1.6	1.1	0.15	Wasteland
Teak	Branches	57.2	1.6	1.1	0.15	Wasteland
Bamboo	Stalk	57.2	0.38	0.25	0.035	Wasteland
Eucalyptus	Leaves	57.2	0.20	0.13	0.018	Wasteland
Eucalyptus	Twigs	57.2	0.17	0.11	0.016	Wasteland
Eucalyptus	Bark	57.2	0.17	0.11	0.016	Wasteland
Eucalyptus	Branches	57.2	0.17	0.11	0.016	Wasteland
Catechu	Leaves	57.2	0.11	0.073	0.010	Wasteland
Catechu	Twigs	57.2	0.095	0.063	0.0088	Wasteland
Catechu	Bark	57.2	0.095	0.063	0.0088	Wasteland
Catechu	Branches	57.2	0.095	0.063	0.0088	Wasteland
Bamboo	Leaves	57.2	0.015	0.0098	0.0014	Wasteland
Total		57.2	79.0	52.2	7.3	

Taluk level Residue-wise Data for Palitana ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	29.4	10.2	6.7	0.94	Wasteland
Others	Twigs	29.4	8.7	5.8	0.81	Wasteland
Others	Bark	29.4	8.7	5.8	0.81	Wasteland
Others	Branches	29.4	8.7	5.8	0.81	Wasteland
Teak	Leaves	29.4	0.97	0.64	0.089	Wasteland
Teak	Twigs	29.4	0.83	0.55	0.077	Wasteland
Teak	Bark	29.4	0.83	0.55	0.077	Wasteland
Teak	Branches	29.4	0.83	0.55	0.077	Wasteland
Bamboo	Stalk	29.4	0.20	0.13	0.018	Wasteland
Eucalyptus	Leaves	29.4	0.10	0.068	0.0095	Wasteland
Eucalyptus	Twigs	29.4	0.088	0.058	0.0081	Wasteland
Eucalyptus	Bark	29.4	0.088	0.058	0.0081	Wasteland
Eucalyptus	Branches	29.4	0.088	0.058	0.0081	Wasteland
Catechu	Leaves	29.4	0.057	0.038	0.0053	Wasteland
Catechu	Twigs	29.4	0.049	0.032	0.0045	Wasteland
Catechu	Bark	29.4	0.049	0.032	0.0045	Wasteland
Catechu	Branches	29.4	0.049	0.032	0.0045	Wasteland
Bamboo	Leaves	29.4	0.0076	0.0050	0.00070	Wasteland
Total		29.4	40.6	26.8	3.8	

Taluk level Residue-wise Data for Shihor ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	44.2	15.3	10.1	1.4	Wasteland
Others	Twigs	44.2	13.1	8.7	1.2	Wasteland
Others	Bark	44.2	13.1	8.7	1.2	Wasteland
Others	Branches	44.2	13.1	8.7	1.2	Wasteland
Teak	Leaves	44.2	1.5	0.96	0.13	Wasteland
Teak	Twigs	44.2	1.2	0.82	0.12	Wasteland
Teak	Bark	44.2	1.2	0.82	0.12	Wasteland
Teak	Branches	44.2	1.2	0.82	0.12	Wasteland
Bamboo	Stalk	44.2	0.29	0.19	0.027	Wasteland
Eucalyptus	Leaves	44.2	0.15	0.10	0.014	Wasteland
Eucalyptus	Twigs	44.2	0.13	0.087	0.012	Wasteland
Eucalyptus	Bark	44.2	0.13	0.087	0.012	Wasteland
Eucalyptus	Branches	44.2	0.13	0.087	0.012	Wasteland
Catechu	Leaves	44.2	0.085	0.056	0.0079	Wasteland
Catechu	Twigs	44.2	0.073	0.048	0.0068	Wasteland
Catechu	Bark	44.2	0.073	0.048	0.0068	Wasteland
Catechu	Branches	44.2	0.073	0.048	0.0068	Wasteland
Bamboo	Leaves	44.2	0.011	0.0075	0.0011	Wasteland
Total		44.2	61.0	40.3	5.6	

Taluk level Residue-wise Data for Talaja ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	30.0	10.4	6.9	0.96	Wasteland
Others	Twigs	30.0	8.9	5.9	0.82	Wasteland
Others	Bark	30.0	8.9	5.9	0.82	Wasteland
Others	Branches	30.0	8.9	5.9	0.82	Wasteland
Teak	Leaves	30.0	0.99	0.65	0.091	Wasteland
Teak	Twigs	30.0	0.84	0.56	0.078	Wasteland
Teak	Bark	30.0	0.84	0.56	0.078	Wasteland
Teak	Branches	30.0	0.84	0.56	0.078	Wasteland
Bamboo	Stalk	30.0	0.20	0.13	0.018	Wasteland
Eucalyptus	Leaves	30.0	0.10	0.069	0.0097	Wasteland
Eucalyptus	Twigs	30.0	0.089	0.059	0.0083	Wasteland
Eucalyptus	Bark	30.0	0.089	0.059	0.0083	Wasteland
Eucalyptus	Branches	30.0	0.089	0.059	0.0083	Wasteland
Catechu	Leaves	30.0	0.058	0.038	0.0054	Wasteland
Catechu	Twigs	30.0	0.050	0.033	0.0046	Wasteland
Catechu	Bark	30.0	0.050	0.033	0.0046	Wasteland
Catechu	Branches	30.0	0.050	0.033	0.0046	Wasteland
Bamboo	Leaves	30.0	0.0078	0.0051	0.00072	Wasteland
Total		30.0	41.4	27.4	3.8	

Taluk level Residue-wise Data for Umarala ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	20.3	7.0	4.7	0.65	Wasteland
Others	Twigs	20.3	6.0	4.0	0.56	Wasteland
Others	Bark	20.3	6.0	4.0	0.56	Wasteland
Others	Branches	20.3	6.0	4.0	0.56	Wasteland
Teak	Leaves	20.3	0.67	0.44	0.062	Wasteland
Teak	Twigs	20.3	0.57	0.38	0.053	Wasteland
Teak	Bark	20.3	0.57	0.38	0.053	Wasteland
Teak	Branches	20.3	0.57	0.38	0.053	Wasteland
Bamboo	Stalk	20.3	0.14	0.089	0.013	Wasteland
Eucalyptus	Leaves	20.3	0.071	0.047	0.0066	Wasteland
Eucalyptus	Twigs	20.3	0.061	0.040	0.0056	Wasteland
Eucalyptus	Bark	20.3	0.061	0.040	0.0056	Wasteland
Eucalyptus	Branches	20.3	0.061	0.040	0.0056	Wasteland
Catechu	Leaves	20.3	0.039	0.026	0.0036	Wasteland
Catechu	Twigs	20.3	0.034	0.022	0.0031	Wasteland
Catechu	Bark	20.3	0.034	0.022	0.0031	Wasteland
Catechu	Branches	20.3	0.034	0.022	0.0031	Wasteland
Bamboo	Leaves	20.3	0.0053	0.0035	0.00049	Wasteland
Total		20.3	28.1	18.6	2.6	

Taluk level Residue-wise Data for Vallabhipur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	41.8	14.5	9.6	1.3	Wasteland
Others	Twigs	41.8	12.4	8.2	1.1	Wasteland
Others	Bark	41.8	12.4	8.2	1.1	Wasteland
Others	Branches	41.8	12.4	8.2	1.1	Wasteland
Teak	Leaves	41.8	1.4	0.91	0.13	Wasteland
Teak	Twigs	41.8	1.2	0.78	0.11	Wasteland
Teak	Bark	41.8	1.2	0.78	0.11	Wasteland
Teak	Branches	41.8	1.2	0.78	0.11	Wasteland
Bamboo	Stalk	41.8	0.28	0.18	0.026	Wasteland
Eucalyptus	Leaves	41.8	0.15	0.096	0.013	Wasteland
Eucalyptus	Twigs	41.8	0.12	0.082	0.012	Wasteland
Eucalyptus	Bark	41.8	0.12	0.082	0.012	Wasteland
Eucalyptus	Branches	41.8	0.12	0.082	0.012	Wasteland
Catechu	Leaves	41.8	0.081	0.053	0.0075	Wasteland
Catechu	Twigs	41.8	0.069	0.046	0.0064	Wasteland
Catechu	Bark	41.8	0.069	0.046	0.0064	Wasteland
Catechu	Branches	41.8	0.069	0.046	0.0064	Wasteland
Bamboo	Leaves	41.8	0.011	0.0071	0.0010	Wasteland
Total		41.8	57.8	38.2	5.3	

Taluk level Residue-wise Data for Dahod ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	29.3	10.2	8.1	1.1	Wasteland
Others	Twigs	29.3	8.7	7.0	0.98	Wasteland
Others	Bark	29.3	8.7	7.0	0.98	Wasteland
Others	Branches	29.3	8.7	7.0	0.98	Wasteland
Teak	Leaves	29.3	0.96	0.77	0.11	Wasteland
Teak	Twigs	29.3	0.83	0.66	0.093	Wasteland
Teak	Bark	29.3	0.83	0.66	0.093	Wasteland
Teak	Branches	29.3	0.83	0.66	0.093	Wasteland
Bamboo	Stalk	29.3	0.19	0.16	0.022	Wasteland
Eucalyptus	Leaves	29.3	0.10	0.082	0.011	Wasteland
Eucalyptus	Twigs	29.3	0.087	0.070	0.0098	Wasteland
Eucalyptus	Bark	29.3	0.087	0.070	0.0098	Wasteland
Eucalyptus	Branches	29.3	0.087	0.070	0.0098	Wasteland
Catechu	Leaves	29.3	0.057	0.045	0.0064	Wasteland
Catechu	Twigs	29.3	0.049	0.039	0.0054	Wasteland
Catechu	Bark	29.3	0.049	0.039	0.0054	Wasteland
Catechu	Branches	29.3	0.049	0.039	0.0054	Wasteland
Bamboo	Leaves	29.3	0.0076	0.0061	0.00085	Wasteland
Total		29.3	40.5	32.4	4.5	

Taluk level Residue-wise Data for Devgadbaria ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	3.6	1.3	1.0	0.14	Wasteland
Others	Twigs	3.6	1.1	0.86	0.12	Wasteland
Others	Bark	3.6	1.1	0.86	0.12	Wasteland
Others	Branches	3.6	1.1	0.86	0.12	Wasteland
Teak	Leaves	3.6	0.12	0.095	0.013	Wasteland
Teak	Twigs	3.6	0.10	0.082	0.011	Wasteland
Teak	Bark	3.6	0.10	0.082	0.011	Wasteland
Teak	Branches	3.6	0.10	0.082	0.011	Wasteland
Bamboo	Stalk	3.6	0.024	0.019	0.0027	Wasteland
Eucalyptus	Leaves	3.6	0.013	0.010	0.0014	Wasteland
Eucalyptus	Twigs	3.6	0.011	0.0086	0.0012	Wasteland
Eucalyptus	Bark	3.6	0.011	0.0086	0.0012	Wasteland
Eucalyptus	Branches	3.6	0.011	0.0086	0.0012	Wasteland
Catechu	Leaves	3.6	0.0070	0.0056	0.00078	Wasteland
Catechu	Twigs	3.6	0.0060	0.0048	0.00067	Wasteland
Catechu	Bark	3.6	0.0060	0.0048	0.00067	Wasteland
Catechu	Branches	3.6	0.0060	0.0048	0.00067	Wasteland
Bamboo	Leaves	3.6	0.00093	0.00075	0.00010	Wasteland
Total		3.6	5.0	4.0	0.56	

Taluk level Residue-wise Data for Dhanpur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	4.2	1.5	1.2	0.16	Wasteland
Others	Twigs	4.2	1.3	1.0	0.14	Wasteland
Others	Bark	4.2	1.3	1.0	0.14	Wasteland
Others	Branches	4.2	1.3	1.0	0.14	Wasteland
Teak	Leaves	4.2	0.14	0.11	0.016	Wasteland
Teak	Twigs	4.2	0.12	0.095	0.013	Wasteland
Teak	Bark	4.2	0.12	0.095	0.013	Wasteland
Teak	Branches	4.2	0.12	0.095	0.013	Wasteland
Bamboo	Stalk	4.2	0.028	0.022	0.0031	Wasteland
Eucalyptus	Leaves	4.2	0.015	0.012	0.0016	Wasteland
Eucalyptus	Twigs	4.2	0.013	0.010	0.0014	Wasteland
Eucalyptus	Bark	4.2	0.013	0.010	0.0014	Wasteland
Eucalyptus	Branches	4.2	0.013	0.010	0.0014	Wasteland
Catechu	Leaves	4.2	0.0081	0.0065	0.00091	Wasteland
Catechu	Twigs	4.2	0.0070	0.0056	0.00078	Wasteland
Catechu	Bark	4.2	0.0070	0.0056	0.00078	Wasteland
Catechu	Branches	4.2	0.0070	0.0056	0.00078	Wasteland
Bamboo	Leaves	4.2	0.0011	0.00087	0.00012	Wasteland
Total		4.2	5.8	4.7	0.65	

Taluk level Residue-wise Data for Fatepura ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	4.3	1.5	1.2	0.17	Wasteland
Others	Twigs	4.3	1.3	1.0	0.14	Wasteland
Others	Bark	4.3	1.3	1.0	0.14	Wasteland
Others	Branches	4.3	1.3	1.0	0.14	Wasteland
Teak	Leaves	4.3	0.14	0.11	0.016	Wasteland
Teak	Twigs	4.3	0.12	0.097	0.014	Wasteland
Teak	Bark	4.3	0.12	0.097	0.014	Wasteland
Teak	Branches	4.3	0.12	0.097	0.014	Wasteland
Bamboo	Stalk	4.3	0.029	0.023	0.0032	Wasteland
Eucalyptus	Leaves	4.3	0.015	0.012	0.0017	Wasteland
Eucalyptus	Twigs	4.3	0.013	0.010	0.0014	Wasteland
Eucalyptus	Bark	4.3	0.013	0.010	0.0014	Wasteland
Eucalyptus	Branches	4.3	0.013	0.010	0.0014	Wasteland
Catechu	Leaves	4.3	0.0084	0.0067	0.00094	Wasteland
Catechu	Twigs	4.3	0.0072	0.0057	0.00080	Wasteland
Catechu	Bark	4.3	0.0072	0.0057	0.00080	Wasteland
Catechu	Branches	4.3	0.0072	0.0057	0.00080	Wasteland
Bamboo	Leaves	4.3	0.0011	0.00089	0.00013	Wasteland
Total		4.3	6.0	4.8	0.67	

Taluk level Residue-wise Data for Garbada ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	34.0	11.8	9.4	1.3	Wasteland
Others	Twigs	34.0	10.1	8.1	1.1	Wasteland
Others	Bark	34.0	10.1	8.1	1.1	Wasteland
Others	Branches	34.0	10.1	8.1	1.1	Wasteland
Teak	Leaves	34.0	1.1	0.89	0.13	Wasteland
Teak	Twigs	34.0	0.96	0.77	0.11	Wasteland
Teak	Bark	34.0	0.96	0.77	0.11	Wasteland
Teak	Branches	34.0	0.96	0.77	0.11	Wasteland
Bamboo	Stalk	34.0	0.23	0.18	0.025	Wasteland
Eucalyptus	Leaves	34.0	0.12	0.095	0.013	Wasteland
Eucalyptus	Twigs	34.0	0.10	0.081	0.011	Wasteland
Eucalyptus	Bark	34.0	0.10	0.081	0.011	Wasteland
Eucalyptus	Branches	34.0	0.10	0.081	0.011	Wasteland
Catechu	Leaves	34.0	0.066	0.053	0.0074	Wasteland
Catechu	Twigs	34.0	0.056	0.045	0.0063	Wasteland
Catechu	Bark	34.0	0.056	0.045	0.0063	Wasteland
Catechu	Branches	34.0	0.056	0.045	0.0063	Wasteland
Bamboo	Leaves	34.0	0.0088	0.0070	0.00098	Wasteland
Total		34.0	47.0	37.6	5.3	

Taluk level Residue-wise Data for Ghoghamba ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	12.1	4.2	3.4	0.47	Wasteland
Others	Twigs	12.1	3.6	2.9	0.40	Wasteland
Others	Bark	12.1	3.6	2.9	0.40	Wasteland
Others	Branches	12.1	3.6	2.9	0.40	Wasteland
Teak	Leaves	12.1	0.40	0.32	0.045	Wasteland
Teak	Twigs	12.1	0.34	0.27	0.038	Wasteland
Teak	Bark	12.1	0.34	0.27	0.038	Wasteland
Teak	Branches	12.1	0.34	0.27	0.038	Wasteland
Bamboo	Stalk	12.1	0.080	0.064	0.0090	Wasteland
Eucalyptus	Leaves	12.1	0.042	0.034	0.0047	Wasteland
Eucalyptus	Twigs	12.1	0.036	0.029	0.0040	Wasteland
Eucalyptus	Bark	12.1	0.036	0.029	0.0040	Wasteland
Eucalyptus	Branches	12.1	0.036	0.029	0.0040	Wasteland
Catechu	Leaves	12.1	0.023	0.019	0.0026	Wasteland
Catechu	Twigs	12.1	0.020	0.016	0.0022	Wasteland
Catechu	Bark	12.1	0.020	0.016	0.0022	Wasteland
Catechu	Branches	12.1	0.020	0.016	0.0022	Wasteland
Bamboo	Leaves	12.1	0.0031	0.0025	0.00035	Wasteland
Total		12.1	16.7	13.4	1.9	

Taluk level Residue-wise Data for Jhalod ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	33.6	11.6	9.3	1.3	Wasteland
Others	Twigs	33.6	10.0	8.0	1.1	Wasteland
Others	Bark	33.6	10.0	8.0	1.1	Wasteland
Others	Branches	33.6	10.0	8.0	1.1	Wasteland
Teak	Leaves	33.6	1.1	0.88	0.12	Wasteland
Teak	Twigs	33.6	0.95	0.76	0.11	Wasteland
Teak	Bark	33.6	0.95	0.76	0.11	Wasteland
Teak	Branches	33.6	0.95	0.76	0.11	Wasteland
Bamboo	Stalk	33.6	0.22	0.18	0.025	Wasteland
Eucalyptus	Leaves	33.6	0.12	0.093	0.013	Wasteland
Eucalyptus	Twigs	33.6	0.10	0.080	0.011	Wasteland
Eucalyptus	Bark	33.6	0.10	0.080	0.011	Wasteland
Eucalyptus	Branches	33.6	0.10	0.080	0.011	Wasteland
Catechu	Leaves	33.6	0.065	0.052	0.0073	Wasteland
Catechu	Twigs	33.6	0.056	0.045	0.0062	Wasteland
Catechu	Bark	33.6	0.056	0.045	0.0062	Wasteland
Catechu	Branches	33.6	0.056	0.045	0.0062	Wasteland
Bamboo	Leaves	33.6	0.0087	0.0069	0.00097	Wasteland
Total		33.6	46.4	37.1	5.2	

Taluk level Residue-wise Data for Limkheda ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	4.1	1.4	1.1	0.16	Wasteland
Others	Twigs	4.1	1.2	0.98	0.14	Wasteland
Others	Bark	4.1	1.2	0.98	0.14	Wasteland
Others	Branches	4.1	1.2	0.98	0.14	Wasteland
Teak	Leaves	4.1	0.14	0.11	0.015	Wasteland
Teak	Twigs	4.1	0.12	0.093	0.013	Wasteland
Teak	Bark	4.1	0.12	0.093	0.013	Wasteland
Teak	Branches	4.1	0.12	0.093	0.013	Wasteland
Bamboo	Stalk	4.1	0.027	0.022	0.0031	Wasteland
Eucalyptus	Leaves	4.1	0.014	0.011	0.0016	Wasteland
Eucalyptus	Twigs	4.1	0.012	0.0099	0.0014	Wasteland
Eucalyptus	Bark	4.1	0.012	0.0099	0.0014	Wasteland
Eucalyptus	Branches	4.1	0.012	0.0099	0.0014	Wasteland
Catechu	Leaves	4.1	0.0080	0.0064	0.00089	Wasteland
Catechu	Twigs	4.1	0.0068	0.0055	0.00077	Wasteland
Catechu	Bark	4.1	0.0068	0.0055	0.00077	Wasteland
Catechu	Branches	4.1	0.0068	0.0055	0.00077	Wasteland
Bamboo	Leaves	4.1	0.0011	0.00085	0.00012	Wasteland
Total		4.1	5.7	4.6	0.64	

Taluk level Residue-wise Data for Kalol ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.12	0.042	0.028	0.0039	Wasteland
Others	Twigs	0.12	0.036	0.024	0.0033	Wasteland
Others	Bark	0.12	0.036	0.024	0.0033	Wasteland
Others	Branches	0.12	0.036	0.024	0.0033	Wasteland
Teak	Leaves	0.12	0.0040	0.0026	0.00037	Wasteland
Teak	Twigs	0.12	0.0034	0.0022	0.00031	Wasteland
Teak	Bark	0.12	0.0034	0.0022	0.00031	Wasteland
Teak	Branches	0.12	0.0034	0.0022	0.00031	Wasteland
Bamboo	Stalk	0.12	0.00080	0.00053	7.39E-05	Wasteland
Eucalyptus	Leaves	0.12	0.00042	0.00028	3.87E-05	Wasteland
Eucalyptus	Twigs	0.12	0.00036	0.00024	3.32E-05	Wasteland
Eucalyptus	Bark	0.12	0.00036	0.00024	3.32E-05	Wasteland
Eucalyptus	Branches	0.12	0.00036	0.00024	3.32E-05	Wasteland
Catechu	Leaves	0.12	0.00023	0.00015	2.15E-05	Wasteland
Catechu	Twigs	0.12	0.00020	0.00013	1.84E-05	Wasteland
Catechu	Bark	0.12	0.00020	0.00013	1.84E-05	Wasteland
Catechu	Branches	0.12	0.00020	0.00013	1.84E-05	Wasteland
Bamboo	Leaves	0.12	3.11E-05	2.05E-05	2.88E-06	Wasteland
Total		0.12	0.17	0.11	0.015	

Taluk level Residue-wise Data for Bhanvad ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	48.0	16.6	11.0	1.5	Wasteland
Others	Twigs	48.0	14.3	9.4	1.3	Wasteland
Others	Bark	48.0	14.3	9.4	1.3	Wasteland
Others	Branches	48.0	14.3	9.4	1.3	Wasteland
Teak	Leaves	48.0	1.6	1.0	0.15	Wasteland
Teak	Twigs	48.0	1.4	0.89	0.13	Wasteland
Teak	Bark	48.0	1.4	0.89	0.13	Wasteland
Teak	Branches	48.0	1.4	0.89	0.13	Wasteland
Bamboo	Stalk	48.0	0.32	0.21	0.030	Wasteland
Eucalyptus	Leaves	48.0	0.17	0.11	0.015	Wasteland
Eucalyptus	Twigs	48.0	0.14	0.095	0.013	Wasteland
Eucalyptus	Bark	48.0	0.14	0.095	0.013	Wasteland
Eucalyptus	Branches	48.0	0.14	0.095	0.013	Wasteland
Catechu	Leaves	48.0	0.093	0.061	0.0086	Wasteland
Catechu	Twigs	48.0	0.080	0.053	0.0074	Wasteland
Catechu	Bark	48.0	0.080	0.053	0.0074	Wasteland
Catechu	Branches	48.0	0.080	0.053	0.0074	Wasteland
Bamboo	Leaves	48.0	0.012	0.0082	0.0011	Wasteland
Total		48.0	66.3	43.8	6.1	

Taluk level Residue-wise Data for Dhrol ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	37.5	13.0	8.6	1.2	Wasteland
Others	Twigs	37.5	11.1	7.4	1.0	Wasteland
Others	Bark	37.5	11.1	7.4	1.0	Wasteland
Others	Branches	37.5	11.1	7.4	1.0	Wasteland
Teak	Leaves	37.5	1.2	0.82	0.11	Wasteland
Teak	Twigs	37.5	1.1	0.70	0.098	Wasteland
Teak	Bark	37.5	1.1	0.70	0.098	Wasteland
Teak	Branches	37.5	1.1	0.70	0.098	Wasteland
Bamboo	Stalk	37.5	0.25	0.16	0.023	Wasteland
Eucalyptus	Leaves	37.5	0.13	0.086	0.012	Wasteland
Eucalyptus	Twigs	37.5	0.11	0.074	0.010	Wasteland
Eucalyptus	Bark	37.5	0.11	0.074	0.010	Wasteland
Eucalyptus	Branches	37.5	0.11	0.074	0.010	Wasteland
Catechu	Leaves	37.5	0.073	0.048	0.0067	Wasteland
Catechu	Twigs	37.5	0.062	0.041	0.0058	Wasteland
Catechu	Bark	37.5	0.062	0.041	0.0058	Wasteland
Catechu	Branches	37.5	0.062	0.041	0.0058	Wasteland
Bamboo	Leaves	37.5	0.0097	0.0064	0.00090	Wasteland
Total		37.5	51.8	34.3	4.8	

Taluk level Residue-wise Data for Jamjodhpur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	87.0	30.1	19.9	2.8	Wasteland
Others	Twigs	87.0	25.8	17.1	2.4	Wasteland
Others	Bark	87.0	25.8	17.1	2.4	Wasteland
Others	Branches	87.0	25.8	17.1	2.4	Wasteland
Teak	Leaves	87.0	2.9	1.9	0.26	Wasteland
Teak	Twigs	87.0	2.5	1.6	0.23	Wasteland
Teak	Bark	87.0	2.5	1.6	0.23	Wasteland
Teak	Branches	87.0	2.5	1.6	0.23	Wasteland
Bamboo	Stalk	87.0	0.58	0.38	0.054	Wasteland
Eucalyptus	Leaves	87.0	0.30	0.20	0.028	Wasteland
Eucalyptus	Twigs	87.0	0.26	0.17	0.024	Wasteland
Eucalyptus	Bark	87.0	0.26	0.17	0.024	Wasteland
Eucalyptus	Branches	87.0	0.26	0.17	0.024	Wasteland
Catechu	Leaves	87.0	0.17	0.11	0.016	Wasteland
Catechu	Twigs	87.0	0.14	0.095	0.013	Wasteland
Catechu	Bark	87.0	0.14	0.095	0.013	Wasteland
Catechu	Branches	87.0	0.14	0.095	0.013	Wasteland
Bamboo	Leaves	87.0	0.022	0.015	0.0021	Wasteland
Total		87.0	120.1	79.4	11.1	

Taluk level Residue-wise Data for Jamnagar ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	84.1	29.1	19.3	2.7	Wasteland
Others	Twigs	84.1	25.0	16.5	2.3	Wasteland
Others	Bark	84.1	25.0	16.5	2.3	Wasteland
Others	Branches	84.1	25.0	16.5	2.3	Wasteland
Teak	Leaves	84.1	2.8	1.8	0.26	Wasteland
Teak	Twigs	84.1	2.4	1.6	0.22	Wasteland
Teak	Bark	84.1	2.4	1.6	0.22	Wasteland
Teak	Branches	84.1	2.4	1.6	0.22	Wasteland
Bamboo	Stalk	84.1	0.56	0.37	0.052	Wasteland
Eucalyptus	Leaves	84.1	0.29	0.19	0.027	Wasteland
Eucalyptus	Twigs	84.1	0.25	0.17	0.023	Wasteland
Eucalyptus	Bark	84.1	0.25	0.17	0.023	Wasteland
Eucalyptus	Branches	84.1	0.25	0.17	0.023	Wasteland
Catechu	Leaves	84.1	0.16	0.11	0.015	Wasteland
Catechu	Twigs	84.1	0.14	0.092	0.013	Wasteland
Catechu	Bark	84.1	0.14	0.092	0.013	Wasteland
Catechu	Branches	84.1	0.14	0.092	0.013	Wasteland
Bamboo	Leaves	84.1	0.022	0.014	0.0020	Wasteland
Total		84.1	116.1	76.8	10.7	

Taluk level Residue-wise Data for Jodiya ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	60.2	20.9	13.8	1.9	Wasteland
Others	Twigs	60.2	17.9	11.8	1.7	Wasteland
Others	Bark	60.2	17.9	11.8	1.7	Wasteland
Others	Branches	60.2	17.9	11.8	1.7	Wasteland
Teak	Leaves	60.2	2.0	1.3	0.18	Wasteland
Teak	Twigs	60.2	1.7	1.1	0.16	Wasteland
Teak	Bark	60.2	1.7	1.1	0.16	Wasteland
Teak	Branches	60.2	1.7	1.1	0.16	Wasteland
Bamboo	Stalk	60.2	0.40	0.26	0.037	Wasteland
Eucalyptus	Leaves	60.2	0.21	0.14	0.019	Wasteland
Eucalyptus	Twigs	60.2	0.18	0.12	0.017	Wasteland
Eucalyptus	Bark	60.2	0.18	0.12	0.017	Wasteland
Eucalyptus	Branches	60.2	0.18	0.12	0.017	Wasteland
Catechu	Leaves	60.2	0.12	0.077	0.011	Wasteland
Catechu	Twigs	60.2	0.100	0.066	0.0092	Wasteland
Catechu	Bark	60.2	0.100	0.066	0.0092	Wasteland
Catechu	Branches	60.2	0.100	0.066	0.0092	Wasteland
Bamboo	Leaves	60.2	0.016	0.010	0.0014	Wasteland
Total		60.2	83.1	54.9	7.7	

Taluk level Residue-wise Data for Kalavad ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	95.4	33.1	21.9	3.1	Wasteland
Others	Twigs	95.4	28.3	18.7	2.6	Wasteland
Others	Bark	95.4	28.3	18.7	2.6	Wasteland
Others	Branches	95.4	28.3	18.7	2.6	Wasteland
Teak	Leaves	95.4	3.1	2.1	0.29	Wasteland
Teak	Twigs	95.4	2.7	1.8	0.25	Wasteland
Teak	Bark	95.4	2.7	1.8	0.25	Wasteland
Teak	Branches	95.4	2.7	1.8	0.25	Wasteland
Bamboo	Stalk	95.4	0.63	0.42	0.059	Wasteland
Eucalyptus	Leaves	95.4	0.33	0.22	0.031	Wasteland
Eucalyptus	Twigs	95.4	0.28	0.19	0.026	Wasteland
Eucalyptus	Bark	95.4	0.28	0.19	0.026	Wasteland
Eucalyptus	Branches	95.4	0.28	0.19	0.026	Wasteland
Catechu	Leaves	95.4	0.18	0.12	0.017	Wasteland
Catechu	Twigs	95.4	0.16	0.10	0.015	Wasteland
Catechu	Bark	95.4	0.16	0.10	0.015	Wasteland
Catechu	Branches	95.4	0.16	0.10	0.015	Wasteland
Bamboo	Leaves	95.4	0.025	0.016	0.0023	Wasteland
Total		95.4	131.8	87.1	12.2	

Taluk level Residue-wise Data for Kalyanpur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	125.7	43.6	28.8	4.0	Wasteland
Others	Twigs	125.7	37.3	24.7	3.5	Wasteland
Others	Bark	125.7	37.3	24.7	3.5	Wasteland
Others	Branches	125.7	37.3	24.7	3.5	Wasteland
Teak	Leaves	125.7	4.1	2.7	0.38	Wasteland
Teak	Twigs	125.7	3.5	2.3	0.33	Wasteland
Teak	Bark	125.7	3.5	2.3	0.33	Wasteland
Teak	Branches	125.7	3.5	2.3	0.33	Wasteland
Bamboo	Stalk	125.7	0.84	0.55	0.077	Wasteland
Eucalyptus	Leaves	125.7	0.44	0.29	0.041	Wasteland
Eucalyptus	Twigs	125.7	0.38	0.25	0.035	Wasteland
Eucalyptus	Bark	125.7	0.38	0.25	0.035	Wasteland
Eucalyptus	Branches	125.7	0.38	0.25	0.035	Wasteland
Catechu	Leaves	125.7	0.24	0.16	0.023	Wasteland
Catechu	Twigs	125.7	0.21	0.14	0.019	Wasteland
Catechu	Bark	125.7	0.21	0.14	0.019	Wasteland
Catechu	Branches	125.7	0.21	0.14	0.019	Wasteland
Bamboo	Leaves	125.7	0.033	0.021	0.0030	Wasteland
Total		125.7	173.7	114.8	16.1	

Taluk level Residue-wise Data for Khambhaliya ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	103.8	36.0	23.8	3.3	Wasteland
Others	Twigs	103.8	30.8	20.4	2.9	Wasteland
Others	Bark	103.8	30.8	20.4	2.9	Wasteland
Others	Branches	103.8	30.8	20.4	2.9	Wasteland
Teak	Leaves	103.8	3.4	2.3	0.32	Wasteland
Teak	Twigs	103.8	2.9	1.9	0.27	Wasteland
Teak	Bark	103.8	2.9	1.9	0.27	Wasteland
Teak	Branches	103.8	2.9	1.9	0.27	Wasteland
Bamboo	Stalk	103.8	0.69	0.46	0.064	Wasteland
Eucalyptus	Leaves	103.8	0.36	0.24	0.033	Wasteland
Eucalyptus	Twigs	103.8	0.31	0.20	0.029	Wasteland
Eucalyptus	Bark	103.8	0.31	0.20	0.029	Wasteland
Eucalyptus	Branches	103.8	0.31	0.20	0.029	Wasteland
Catechu	Leaves	103.8	0.20	0.13	0.019	Wasteland
Catechu	Twigs	103.8	0.17	0.11	0.016	Wasteland
Catechu	Bark	103.8	0.17	0.11	0.016	Wasteland
Catechu	Branches	103.8	0.17	0.11	0.016	Wasteland
Bamboo	Leaves	103.8	0.027	0.018	0.0025	Wasteland
Total		103.8	143.4	94.8	13.3	

Taluk level Residue-wise Data for Lalpur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	100.1	34.7	22.9	3.2	Wasteland
Others	Twigs	100.1	29.7	19.7	2.8	Wasteland
Others	Bark	100.1	29.7	19.7	2.8	Wasteland
Others	Branches	100.1	29.7	19.7	2.8	Wasteland
Teak	Leaves	100.1	3.3	2.2	0.30	Wasteland
Teak	Twigs	100.1	2.8	1.9	0.26	Wasteland
Teak	Bark	100.1	2.8	1.9	0.26	Wasteland
Teak	Branches	100.1	2.8	1.9	0.26	Wasteland
Bamboo	Stalk	100.1	0.67	0.44	0.062	Wasteland
Eucalyptus	Leaves	100.1	0.35	0.23	0.032	Wasteland
Eucalyptus	Twigs	100.1	0.30	0.20	0.028	Wasteland
Eucalyptus	Bark	100.1	0.30	0.20	0.028	Wasteland
Eucalyptus	Branches	100.1	0.30	0.20	0.028	Wasteland
Catechu	Leaves	100.1	0.19	0.13	0.018	Wasteland
Catechu	Twigs	100.1	0.17	0.11	0.015	Wasteland
Catechu	Bark	100.1	0.17	0.11	0.015	Wasteland
Catechu	Branches	100.1	0.17	0.11	0.015	Wasteland
Bamboo	Leaves	100.1	0.026	0.017	0.0024	Wasteland
Total		100.1	138.2	91.4	12.8	

Taluk level Residue-wise Data for Okhamandal ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	39.4	13.7	9.0	1.3	Wasteland
Others	Twigs	39.4	11.7	7.7	1.1	Wasteland
Others	Bark	39.4	11.7	7.7	1.1	Wasteland
Others	Branches	39.4	11.7	7.7	1.1	Wasteland
Teak	Leaves	39.4	1.3	0.86	0.12	Wasteland
Teak	Twigs	39.4	1.1	0.73	0.10	Wasteland
Teak	Bark	39.4	1.1	0.73	0.10	Wasteland
Teak	Branches	39.4	1.1	0.73	0.10	Wasteland
Bamboo	Stalk	39.4	0.26	0.17	0.024	Wasteland
Eucalyptus	Leaves	39.4	0.14	0.091	0.013	Wasteland
Eucalyptus	Twigs	39.4	0.12	0.078	0.011	Wasteland
Eucalyptus	Bark	39.4	0.12	0.078	0.011	Wasteland
Eucalyptus	Branches	39.4	0.12	0.078	0.011	Wasteland
Catechu	Leaves	39.4	0.076	0.050	0.0071	Wasteland
Catechu	Twigs	39.4	0.065	0.043	0.0060	Wasteland
Catechu	Bark	39.4	0.065	0.043	0.0060	Wasteland
Catechu	Branches	39.4	0.065	0.043	0.0060	Wasteland
Bamboo	Leaves	39.4	0.010	0.0067	0.00094	Wasteland
Total		39.4	54.4	36.0	5.0	

Taluk level Residue-wise Data for Bhesan ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	9.0	3.1	2.1	0.29	Wasteland
Others	Twigs	9.0	2.7	1.8	0.25	Wasteland
Others	Bark	9.0	2.7	1.8	0.25	Wasteland
Others	Branches	9.0	2.7	1.8	0.25	Wasteland
Teak	Leaves	9.0	0.30	0.20	0.027	Wasteland
Teak	Twigs	9.0	0.25	0.17	0.024	Wasteland
Teak	Bark	9.0	0.25	0.17	0.024	Wasteland
Teak	Branches	9.0	0.25	0.17	0.024	Wasteland
Bamboo	Stalk	9.0	0.060	0.040	0.0056	Wasteland
Eucalyptus	Leaves	9.0	0.031	0.021	0.0029	Wasteland
Eucalyptus	Twigs	9.0	0.027	0.018	0.0025	Wasteland
Eucalyptus	Bark	9.0	0.027	0.018	0.0025	Wasteland
Eucalyptus	Branches	9.0	0.027	0.018	0.0025	Wasteland
Catechu	Leaves	9.0	0.017	0.012	0.0016	Wasteland
Catechu	Twigs	9.0	0.015	0.0099	0.0014	Wasteland
Catechu	Bark	9.0	0.015	0.0099	0.0014	Wasteland
Catechu	Branches	9.0	0.015	0.0099	0.0014	Wasteland
Bamboo	Leaves	9.0	0.0023	0.0015	0.00022	Wasteland
Total		9.0	12.5	8.2	1.2	

Taluk level Residue-wise Data for Junagadh ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	16.6	5.7	3.8	0.53	Wasteland
Others	Twigs	16.6	4.9	3.3	0.46	Wasteland
Others	Bark	16.6	4.9	3.3	0.46	Wasteland
Others	Branches	16.6	4.9	3.3	0.46	Wasteland
Teak	Leaves	16.6	0.54	0.36	0.050	Wasteland
Teak	Twigs	16.6	0.47	0.31	0.043	Wasteland
Teak	Bark	16.6	0.47	0.31	0.043	Wasteland
Teak	Branches	16.6	0.47	0.31	0.043	Wasteland
Bamboo	Stalk	16.6	0.11	0.073	0.010	Wasteland
Eucalyptus	Leaves	16.6	0.058	0.038	0.0053	Wasteland
Eucalyptus	Twigs	16.6	0.049	0.033	0.0046	Wasteland
Eucalyptus	Bark	16.6	0.049	0.033	0.0046	Wasteland
Eucalyptus	Branches	16.6	0.049	0.033	0.0046	Wasteland
Catechu	Leaves	16.6	0.032	0.021	0.0030	Wasteland
Catechu	Twigs	16.6	0.027	0.018	0.0025	Wasteland
Catechu	Bark	16.6	0.027	0.018	0.0025	Wasteland
Catechu	Branches	16.6	0.027	0.018	0.0025	Wasteland
Bamboo	Leaves	16.6	0.0043	0.0028	0.00040	Wasteland
Total		16.6	22.9	15.1	2.1	

Taluk level Residue-wise Data for Keshod ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	27.4	9.5	6.3	0.88	Wasteland
Others	Twigs	27.4	8.1	5.4	0.75	Wasteland
Others	Bark	27.4	8.1	5.4	0.75	Wasteland
Others	Branches	27.4	8.1	5.4	0.75	Wasteland
Teak	Leaves	27.4	0.90	0.60	0.083	Wasteland
Teak	Twigs	27.4	0.77	0.51	0.071	Wasteland
Teak	Bark	27.4	0.77	0.51	0.071	Wasteland
Teak	Branches	27.4	0.77	0.51	0.071	Wasteland
Bamboo	Stalk	27.4	0.18	0.12	0.017	Wasteland
Eucalyptus	Leaves	27.4	0.095	0.063	0.0088	Wasteland
Eucalyptus	Twigs	27.4	0.082	0.054	0.0076	Wasteland
Eucalyptus	Bark	27.4	0.082	0.054	0.0076	Wasteland
Eucalyptus	Branches	27.4	0.082	0.054	0.0076	Wasteland
Catechu	Leaves	27.4	0.053	0.035	0.0049	Wasteland
Catechu	Twigs	27.4	0.045	0.030	0.0042	Wasteland
Catechu	Bark	27.4	0.045	0.030	0.0042	Wasteland
Catechu	Branches	27.4	0.045	0.030	0.0042	Wasteland
Bamboo	Leaves	27.4	0.0071	0.0047	0.00066	Wasteland
Total		27.4	37.9	25.0	3.5	

Taluk level Residue-wise Data for Kodinar ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	22.8	7.9	5.2	0.73	Wasteland
Others	Twigs	22.8	6.8	4.5	0.63	Wasteland
Others	Bark	22.8	6.8	4.5	0.63	Wasteland
Others	Branches	22.8	6.8	4.5	0.63	Wasteland
Teak	Leaves	22.8	0.75	0.50	0.069	Wasteland
Teak	Twigs	22.8	0.64	0.42	0.059	Wasteland
Teak	Bark	22.8	0.64	0.42	0.059	Wasteland
Teak	Branches	22.8	0.64	0.42	0.059	Wasteland
Bamboo	Stalk	22.8	0.15	0.10	0.014	Wasteland
Eucalyptus	Leaves	22.8	0.079	0.052	0.0073	Wasteland
Eucalyptus	Twigs	22.8	0.068	0.045	0.0063	Wasteland
Eucalyptus	Bark	22.8	0.068	0.045	0.0063	Wasteland
Eucalyptus	Branches	22.8	0.068	0.045	0.0063	Wasteland
Catechu	Leaves	22.8	0.044	0.029	0.0041	Wasteland
Catechu	Twigs	22.8	0.038	0.025	0.0035	Wasteland
Catechu	Bark	22.8	0.038	0.025	0.0035	Wasteland
Catechu	Branches	22.8	0.038	0.025	0.0035	Wasteland
Bamboo	Leaves	22.8	0.0059	0.0039	0.00055	Wasteland
Total		22.8	31.5	20.8	2.9	

Taluk level Residue-wise Data for Maliya ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	10.2	3.5	2.3	0.33	Wasteland
Others	Twigs	10.2	3.0	2.0	0.28	Wasteland
Others	Bark	10.2	3.0	2.0	0.28	Wasteland
Others	Branches	10.2	3.0	2.0	0.28	Wasteland
Teak	Leaves	10.2	0.34	0.22	0.031	Wasteland
Teak	Twigs	10.2	0.29	0.19	0.027	Wasteland
Teak	Bark	10.2	0.29	0.19	0.027	Wasteland
Teak	Branches	10.2	0.29	0.19	0.027	Wasteland
Bamboo	Stalk	10.2	0.068	0.045	0.0063	Wasteland
Eucalyptus	Leaves	10.2	0.036	0.024	0.0033	Wasteland
Eucalyptus	Twigs	10.2	0.030	0.020	0.0028	Wasteland
Eucalyptus	Bark	10.2	0.030	0.020	0.0028	Wasteland
Eucalyptus	Branches	10.2	0.030	0.020	0.0028	Wasteland
Catechu	Leaves	10.2	0.020	0.013	0.0018	Wasteland
Catechu	Twigs	10.2	0.017	0.011	0.0016	Wasteland
Catechu	Bark	10.2	0.017	0.011	0.0016	Wasteland
Catechu	Branches	10.2	0.017	0.011	0.0016	Wasteland
Bamboo	Leaves	10.2	0.0026	0.0017	0.00024	Wasteland
Total		10.2	14.1	9.3	1.3	

Taluk level Residue-wise Data for Manavadar ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	18.8	6.5	4.3	0.60	Wasteland
Others	Twigs	18.8	5.6	3.7	0.52	Wasteland
Others	Bark	18.8	5.6	3.7	0.52	Wasteland
Others	Branches	18.8	5.6	3.7	0.52	Wasteland
Teak	Leaves	18.8	0.62	0.41	0.057	Wasteland
Teak	Twigs	18.8	0.53	0.35	0.049	Wasteland
Teak	Bark	18.8	0.53	0.35	0.049	Wasteland
Teak	Branches	18.8	0.53	0.35	0.049	Wasteland
Bamboo	Stalk	18.8	0.13	0.083	0.012	Wasteland
Eucalyptus	Leaves	18.8	0.066	0.043	0.0061	Wasteland
Eucalyptus	Twigs	18.8	0.056	0.037	0.0052	Wasteland
Eucalyptus	Bark	18.8	0.056	0.037	0.0052	Wasteland
Eucalyptus	Branches	18.8	0.056	0.037	0.0052	Wasteland
Catechu	Leaves	18.8	0.036	0.024	0.0034	Wasteland
Catechu	Twigs	18.8	0.031	0.021	0.0029	Wasteland
Catechu	Bark	18.8	0.031	0.021	0.0029	Wasteland
Catechu	Branches	18.8	0.031	0.021	0.0029	Wasteland
Bamboo	Leaves	18.8	0.0049	0.0032	0.00045	Wasteland
Total		18.8	26.0	17.2	2.4	

Taluk level Residue-wise Data for Mangrol ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	26.5	9.2	6.1	0.85	Wasteland
Others	Twigs	26.5	7.9	5.2	0.73	Wasteland
Others	Bark	26.5	7.9	5.2	0.73	Wasteland
Others	Branches	26.5	7.9	5.2	0.73	Wasteland
Teak	Leaves	26.5	0.87	0.58	0.081	Wasteland
Teak	Twigs	26.5	0.75	0.49	0.069	Wasteland
Teak	Bark	26.5	0.75	0.49	0.069	Wasteland
Teak	Branches	26.5	0.75	0.49	0.069	Wasteland
Bamboo	Stalk	26.5	0.18	0.12	0.016	Wasteland
Eucalyptus	Leaves	26.5	0.092	0.061	0.0085	Wasteland
Eucalyptus	Twigs	26.5	0.079	0.052	0.0073	Wasteland
Eucalyptus	Bark	26.5	0.079	0.052	0.0073	Wasteland
Eucalyptus	Branches	26.5	0.079	0.052	0.0073	Wasteland
Catechu	Leaves	26.5	0.051	0.034	0.0047	Wasteland
Catechu	Twigs	26.5	0.044	0.029	0.0041	Wasteland
Catechu	Bark	26.5	0.044	0.029	0.0041	Wasteland
Catechu	Branches	26.5	0.044	0.029	0.0041	Wasteland
Bamboo	Leaves	26.5	0.0068	0.0045	0.00063	Wasteland
Total		26.5	36.6	24.2	3.4	

Taluk level Residue-wise Data for Mendarda ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	25.8	9.0	5.9	0.83	Wasteland
Others	Twigs	25.8	7.7	5.1	0.71	Wasteland
Others	Bark	25.8	7.7	5.1	0.71	Wasteland
Others	Branches	25.8	7.7	5.1	0.71	Wasteland
Teak	Leaves	25.8	0.85	0.56	0.079	Wasteland
Teak	Twigs	25.8	0.73	0.48	0.067	Wasteland
Teak	Bark	25.8	0.73	0.48	0.067	Wasteland
Teak	Branches	25.8	0.73	0.48	0.067	Wasteland
Bamboo	Stalk	25.8	0.17	0.11	0.016	Wasteland
Eucalyptus	Leaves	25.8	0.090	0.059	0.0083	Wasteland
Eucalyptus	Twigs	25.8	0.077	0.051	0.0071	Wasteland
Eucalyptus	Bark	25.8	0.077	0.051	0.0071	Wasteland
Eucalyptus	Branches	25.8	0.077	0.051	0.0071	Wasteland
Catechu	Leaves	25.8	0.050	0.033	0.0046	Wasteland
Catechu	Twigs	25.8	0.043	0.028	0.0040	Wasteland
Catechu	Bark	25.8	0.043	0.028	0.0040	Wasteland
Catechu	Branches	25.8	0.043	0.028	0.0040	Wasteland
Bamboo	Leaves	25.8	0.0067	0.0044	0.00062	Wasteland
Total		25.8	35.7	23.6	3.3	

Taluk level Residue-wise Data for Sutrapada ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	15.8	5.5	3.6	0.51	Wasteland
Others	Twigs	15.8	4.7	3.1	0.43	Wasteland
Others	Bark	15.8	4.7	3.1	0.43	Wasteland
Others	Branches	15.8	4.7	3.1	0.43	Wasteland
Teak	Leaves	15.8	0.52	0.34	0.048	Wasteland
Teak	Twigs	15.8	0.45	0.29	0.041	Wasteland
Teak	Bark	15.8	0.45	0.29	0.041	Wasteland
Teak	Branches	15.8	0.45	0.29	0.041	Wasteland
Bamboo	Stalk	15.8	0.11	0.069	0.0097	Wasteland
Eucalyptus	Leaves	15.8	0.055	0.036	0.0051	Wasteland
Eucalyptus	Twigs	15.8	0.047	0.031	0.0044	Wasteland
Eucalyptus	Bark	15.8	0.047	0.031	0.0044	Wasteland
Eucalyptus	Branches	15.8	0.047	0.031	0.0044	Wasteland
Catechu	Leaves	15.8	0.031	0.020	0.0028	Wasteland
Catechu	Twigs	15.8	0.026	0.017	0.0024	Wasteland
Catechu	Bark	15.8	0.026	0.017	0.0024	Wasteland
Catechu	Branches	15.8	0.026	0.017	0.0024	Wasteland
Bamboo	Leaves	15.8	0.0041	0.0027	0.00038	Wasteland
Total		15.8	21.8	14.4	2.0	

Taluk level Residue-wise Data for Talala ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	27.2	9.4	6.2	0.87	Wasteland
Others	Twigs	27.2	8.1	5.3	0.75	Wasteland
Others	Bark	27.2	8.1	5.3	0.75	Wasteland
Others	Branches	27.2	8.1	5.3	0.75	Wasteland
Teak	Leaves	27.2	0.90	0.59	0.083	Wasteland
Teak	Twigs	27.2	0.77	0.51	0.071	Wasteland
Teak	Bark	27.2	0.77	0.51	0.071	Wasteland
Teak	Branches	27.2	0.77	0.51	0.071	Wasteland
Bamboo	Stalk	27.2	0.18	0.12	0.017	Wasteland
Eucalyptus	Leaves	27.2	0.095	0.063	0.0088	Wasteland
Eucalyptus	Twigs	27.2	0.081	0.054	0.0075	Wasteland
Eucalyptus	Bark	27.2	0.081	0.054	0.0075	Wasteland
Eucalyptus	Branches	27.2	0.081	0.054	0.0075	Wasteland
Catechu	Leaves	27.2	0.053	0.035	0.0049	Wasteland
Catechu	Twigs	27.2	0.045	0.030	0.0042	Wasteland
Catechu	Bark	27.2	0.045	0.030	0.0042	Wasteland
Catechu	Branches	27.2	0.045	0.030	0.0042	Wasteland
Bamboo	Leaves	27.2	0.0070	0.0047	0.00065	Wasteland
Total		27.2	37.6	24.9	3.5	

Taluk level Residue-wise Data for Una ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	33.7	11.7	7.7	1.1	Wasteland
Others	Twigs	33.7	10.0	6.6	0.93	Wasteland
Others	Bark	33.7	10.0	6.6	0.93	Wasteland
Others	Branches	33.7	10.0	6.6	0.93	Wasteland
Teak	Leaves	33.7	1.1	0.73	0.10	Wasteland
Teak	Twigs	33.7	0.95	0.63	0.088	Wasteland
Teak	Bark	33.7	0.95	0.63	0.088	Wasteland
Teak	Branches	33.7	0.95	0.63	0.088	Wasteland
Bamboo	Stalk	33.7	0.22	0.15	0.021	Wasteland
Eucalyptus	Leaves	33.7	0.12	0.077	0.011	Wasteland
Eucalyptus	Twigs	33.7	0.10	0.066	0.0093	Wasteland
Eucalyptus	Bark	33.7	0.10	0.066	0.0093	Wasteland
Eucalyptus	Branches	33.7	0.10	0.066	0.0093	Wasteland
Catechu	Leaves	33.7	0.065	0.043	0.0060	Wasteland
Catechu	Twigs	33.7	0.056	0.037	0.0052	Wasteland
Catechu	Bark	33.7	0.056	0.037	0.0052	Wasteland
Catechu	Branches	33.7	0.056	0.037	0.0052	Wasteland
Bamboo	Leaves	33.7	0.0087	0.0058	0.00081	Wasteland
Total		33.7	46.5	30.8	4.3	

Taluk level Residue-wise Data for Vanthali ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	12.2	4.2	2.8	0.39	Wasteland
Others	Twigs	12.2	3.6	2.4	0.34	Wasteland
Others	Bark	12.2	3.6	2.4	0.34	Wasteland
Others	Branches	12.2	3.6	2.4	0.34	Wasteland
Teak	Leaves	12.2	0.40	0.27	0.037	Wasteland
Teak	Twigs	12.2	0.34	0.23	0.032	Wasteland
Teak	Bark	12.2	0.34	0.23	0.032	Wasteland
Teak	Branches	12.2	0.34	0.23	0.032	Wasteland
Bamboo	Stalk	12.2	0.081	0.054	0.0075	Wasteland
Eucalyptus	Leaves	12.2	0.043	0.028	0.0039	Wasteland
Eucalyptus	Twigs	12.2	0.036	0.024	0.0034	Wasteland
Eucalyptus	Bark	12.2	0.036	0.024	0.0034	Wasteland
Eucalyptus	Branches	12.2	0.036	0.024	0.0034	Wasteland
Catechu	Leaves	12.2	0.024	0.016	0.0022	Wasteland
Catechu	Twigs	12.2	0.020	0.013	0.0019	Wasteland
Catechu	Bark	12.2	0.020	0.013	0.0019	Wasteland
Catechu	Branches	12.2	0.020	0.013	0.0019	Wasteland
Bamboo	Leaves	12.2	0.0032	0.0021	0.00029	Wasteland
Total		12.2	16.9	11.2	1.6	

Taluk level Residue-wise Data for Veraval ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	8.6	3.0	2.0	0.28	Wasteland
Others	Twigs	8.6	2.6	1.7	0.24	Wasteland
Others	Bark	8.6	2.6	1.7	0.24	Wasteland
Others	Branches	8.6	2.6	1.7	0.24	Wasteland
Teak	Leaves	8.6	0.28	0.19	0.026	Wasteland
Teak	Twigs	8.6	0.24	0.16	0.022	Wasteland
Teak	Bark	8.6	0.24	0.16	0.022	Wasteland
Teak	Branches	8.6	0.24	0.16	0.022	Wasteland
Bamboo	Stalk	8.6	0.057	0.038	0.0053	Wasteland
Eucalyptus	Leaves	8.6	0.030	0.020	0.0028	Wasteland
Eucalyptus	Twigs	8.6	0.026	0.017	0.0024	Wasteland
Eucalyptus	Bark	8.6	0.026	0.017	0.0024	Wasteland
Eucalyptus	Branches	8.6	0.026	0.017	0.0024	Wasteland
Catechu	Leaves	8.6	0.017	0.011	0.0015	Wasteland
Catechu	Twigs	8.6	0.014	0.0094	0.0013	Wasteland
Catechu	Bark	8.6	0.014	0.0094	0.0013	Wasteland
Catechu	Branches	8.6	0.014	0.0094	0.0013	Wasteland
Bamboo	Leaves	8.6	0.0022	0.0015	0.00021	Wasteland
Total		8.6	11.9	7.9	1.1	

Taluk level Residue-wise Data for Visavadar ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	36.2	12.5	8.3	1.2	Wasteland
Others	Twigs	36.2	10.8	7.1	1.00	Wasteland
Others	Bark	36.2	10.8	7.1	1.00	Wasteland
Others	Branches	36.2	10.8	7.1	1.00	Wasteland
Teak	Leaves	36.2	1.2	0.79	0.11	Wasteland
Teak	Twigs	36.2	1.0	0.67	0.094	Wasteland
Teak	Bark	36.2	1.0	0.67	0.094	Wasteland
Teak	Branches	36.2	1.0	0.67	0.094	Wasteland
Bamboo	Stalk	36.2	0.24	0.16	0.022	Wasteland
Eucalyptus	Leaves	36.2	0.13	0.083	0.012	Wasteland
Eucalyptus	Twigs	36.2	0.11	0.071	0.0100	Wasteland
Eucalyptus	Bark	36.2	0.11	0.071	0.0100	Wasteland
Eucalyptus	Branches	36.2	0.11	0.071	0.0100	Wasteland
Catechu	Leaves	36.2	0.070	0.046	0.0065	Wasteland
Catechu	Twigs	36.2	0.060	0.040	0.0056	Wasteland
Catechu	Bark	36.2	0.060	0.040	0.0056	Wasteland
Catechu	Branches	36.2	0.060	0.040	0.0056	Wasteland
Bamboo	Leaves	36.2	0.0094	0.0062	0.00087	Wasteland
Total		36.2	50.0	33.1	4.6	

Taluk level Residue-wise Data for Abadasa ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	145.8	50.5	33.4	4.7	Wasteland
Others	Twigs	145.8	43.3	28.6	4.0	Wasteland
Others	Bark	145.8	43.3	28.6	4.0	Wasteland
Others	Branches	145.8	43.3	28.6	4.0	Wasteland
Teak	Leaves	145.8	4.8	3.2	0.44	Wasteland
Teak	Twigs	145.8	4.1	2.7	0.38	Wasteland
Teak	Bark	145.8	4.1	2.7	0.38	Wasteland
Teak	Branches	145.8	4.1	2.7	0.38	Wasteland
Bamboo	Stalk	145.8	0.97	0.64	0.090	Wasteland
Eucalyptus	Leaves	145.8	0.51	0.34	0.047	Wasteland
Eucalyptus	Twigs	145.8	0.43	0.29	0.040	Wasteland
Eucalyptus	Bark	145.8	0.43	0.29	0.040	Wasteland
Eucalyptus	Branches	145.8	0.43	0.29	0.040	Wasteland
Catechu	Leaves	145.8	0.28	0.19	0.026	Wasteland
Catechu	Twigs	145.8	0.24	0.16	0.022	Wasteland
Catechu	Bark	145.8	0.24	0.16	0.022	Wasteland
Catechu	Branches	145.8	0.24	0.16	0.022	Wasteland
Bamboo	Leaves	145.8	0.038	0.025	0.0035	Wasteland
Total		145.8	201.4	133.1	18.6	

Taluk level Residue-wise Data for Anjar ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	79.8	27.7	18.3	2.6	Wasteland
Others	Twigs	79.8	23.7	15.7	2.2	Wasteland
Others	Bark	79.8	23.7	15.7	2.2	Wasteland
Others	Branches	79.8	23.7	15.7	2.2	Wasteland
Teak	Leaves	79.8	2.6	1.7	0.24	Wasteland
Teak	Twigs	79.8	2.2	1.5	0.21	Wasteland
Teak	Bark	79.8	2.2	1.5	0.21	Wasteland
Teak	Branches	79.8	2.2	1.5	0.21	Wasteland
Bamboo	Stalk	79.8	0.53	0.35	0.049	Wasteland
Eucalyptus	Leaves	79.8	0.28	0.18	0.026	Wasteland
Eucalyptus	Twigs	79.8	0.24	0.16	0.022	Wasteland
Eucalyptus	Bark	79.8	0.24	0.16	0.022	Wasteland
Eucalyptus	Branches	79.8	0.24	0.16	0.022	Wasteland
Catechu	Leaves	79.8	0.15	0.10	0.014	Wasteland
Catechu	Twigs	79.8	0.13	0.087	0.012	Wasteland
Catechu	Bark	79.8	0.13	0.087	0.012	Wasteland
Catechu	Branches	79.8	0.13	0.087	0.012	Wasteland
Bamboo	Leaves	79.8	0.021	0.014	0.0019	Wasteland
Total		79.8	110.2	72.9	10.2	

Taluk level Residue-wise Data for Bhachau ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	130.5	45.2	29.9	4.2	Wasteland
Others	Twigs	130.5	38.8	25.6	3.6	Wasteland
Others	Bark	130.5	38.8	25.6	3.6	Wasteland
Others	Branches	130.5	38.8	25.6	3.6	Wasteland
Teak	Leaves	130.5	4.3	2.8	0.40	Wasteland
Teak	Twigs	130.5	3.7	2.4	0.34	Wasteland
Teak	Bark	130.5	3.7	2.4	0.34	Wasteland
Teak	Branches	130.5	3.7	2.4	0.34	Wasteland
Bamboo	Stalk	130.5	0.87	0.57	0.080	Wasteland
Eucalyptus	Leaves	130.5	0.45	0.30	0.042	Wasteland
Eucalyptus	Twigs	130.5	0.39	0.26	0.036	Wasteland
Eucalyptus	Bark	130.5	0.39	0.26	0.036	Wasteland
Eucalyptus	Branches	130.5	0.39	0.26	0.036	Wasteland
Catechu	Leaves	130.5	0.25	0.17	0.023	Wasteland
Catechu	Twigs	130.5	0.22	0.14	0.020	Wasteland
Catechu	Bark	130.5	0.22	0.14	0.020	Wasteland
Catechu	Branches	130.5	0.22	0.14	0.020	Wasteland
Bamboo	Leaves	130.5	0.034	0.022	0.0031	Wasteland
Total		130.5	180.3	119.2	16.7	

Taluk level Residue-wise Data for Bhuj ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	349.1	121.0	80.0	11.2	Wasteland
Others	Twigs	349.1	103.7	68.6	9.6	Wasteland
Others	Bark	349.1	103.7	68.6	9.6	Wasteland
Others	Branches	349.1	103.7	68.6	9.6	Wasteland
Teak	Leaves	349.1	11.5	7.6	1.1	Wasteland
Teak	Twigs	349.1	9.8	6.5	0.91	Wasteland
Teak	Bark	349.1	9.8	6.5	0.91	Wasteland
Teak	Branches	349.1	9.8	6.5	0.91	Wasteland
Bamboo	Stalk	349.1	2.3	1.5	0.21	Wasteland
Eucalyptus	Leaves	349.1	1.2	0.80	0.11	Wasteland
Eucalyptus	Twigs	349.1	1.0	0.69	0.096	Wasteland
Eucalyptus	Bark	349.1	1.0	0.69	0.096	Wasteland
Eucalyptus	Branches	349.1	1.0	0.69	0.096	Wasteland
Catechu	Leaves	349.1	0.68	0.45	0.062	Wasteland
Catechu	Twigs	349.1	0.58	0.38	0.054	Wasteland
Catechu	Bark	349.1	0.58	0.38	0.054	Wasteland
Catechu	Branches	349.1	0.58	0.38	0.054	Wasteland
Bamboo	Leaves	349.1	0.090	0.060	0.0084	Wasteland
Total		349.1	482.3	318.8	44.6	

Taluk level Residue-wise Data for Gandhidham ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	10.0	3.5	2.3	0.32	Wasteland
Others	Twigs	10.0	3.0	2.0	0.28	Wasteland
Others	Bark	10.0	3.0	2.0	0.28	Wasteland
Others	Branches	10.0	3.0	2.0	0.28	Wasteland
Teak	Leaves	10.0	0.33	0.22	0.030	Wasteland
Teak	Twigs	10.0	0.28	0.19	0.026	Wasteland
Teak	Bark	10.0	0.28	0.19	0.026	Wasteland
Teak	Branches	10.0	0.28	0.19	0.026	Wasteland
Bamboo	Stalk	10.0	0.067	0.044	0.0062	Wasteland
Eucalyptus	Leaves	10.0	0.035	0.023	0.0032	Wasteland
Eucalyptus	Twigs	10.0	0.030	0.020	0.0028	Wasteland
Eucalyptus	Bark	10.0	0.030	0.020	0.0028	Wasteland
Eucalyptus	Branches	10.0	0.030	0.020	0.0028	Wasteland
Catechu	Leaves	10.0	0.019	0.013	0.0018	Wasteland
Catechu	Twigs	10.0	0.017	0.011	0.0015	Wasteland
Catechu	Bark	10.0	0.017	0.011	0.0015	Wasteland
Catechu	Branches	10.0	0.017	0.011	0.0015	Wasteland
Bamboo	Leaves	10.0	0.0026	0.0017	0.00024	Wasteland
Total		10.0	13.8	9.2	1.3	

Taluk level Residue-wise Data for Lakhpat ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	165.6	57.4	37.9	5.3	Wasteland
Others	Twigs	165.6	49.2	32.5	4.6	Wasteland
Others	Bark	165.6	49.2	32.5	4.6	Wasteland
Others	Branches	165.6	49.2	32.5	4.6	Wasteland
Teak	Leaves	165.6	5.4	3.6	0.50	Wasteland
Teak	Twigs	165.6	4.7	3.1	0.43	Wasteland
Teak	Bark	165.6	4.7	3.1	0.43	Wasteland
Teak	Branches	165.6	4.7	3.1	0.43	Wasteland
Bamboo	Stalk	165.6	1.1	0.73	0.10	Wasteland
Eucalyptus	Leaves	165.6	0.58	0.38	0.053	Wasteland
Eucalyptus	Twigs	165.6	0.49	0.33	0.046	Wasteland
Eucalyptus	Bark	165.6	0.49	0.33	0.046	Wasteland
Eucalyptus	Branches	165.6	0.49	0.33	0.046	Wasteland
Catechu	Leaves	165.6	0.32	0.21	0.030	Wasteland
Catechu	Twigs	165.6	0.27	0.18	0.025	Wasteland
Catechu	Bark	165.6	0.27	0.18	0.025	Wasteland
Catechu	Branches	165.6	0.27	0.18	0.025	Wasteland
Bamboo	Leaves	165.6	0.043	0.028	0.0040	Wasteland
Total		165.6	228.7	151.2	21.2	

Taluk level Residue-wise Data for Mandvi ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	89.0	30.8	20.4	2.9	Wasteland
Others	Twigs	89.0	26.4	17.5	2.4	Wasteland
Others	Bark	89.0	26.4	17.5	2.4	Wasteland
Others	Branches	89.0	26.4	17.5	2.4	Wasteland
Teak	Leaves	89.0	2.9	1.9	0.27	Wasteland
Teak	Twigs	89.0	2.5	1.7	0.23	Wasteland
Teak	Bark	89.0	2.5	1.7	0.23	Wasteland
Teak	Branches	89.0	2.5	1.7	0.23	Wasteland
Bamboo	Stalk	89.0	0.59	0.39	0.055	Wasteland
Eucalyptus	Leaves	89.0	0.31	0.20	0.029	Wasteland
Eucalyptus	Twigs	89.0	0.27	0.18	0.025	Wasteland
Eucalyptus	Bark	89.0	0.27	0.18	0.025	Wasteland
Eucalyptus	Branches	89.0	0.27	0.18	0.025	Wasteland
Catechu	Leaves	89.0	0.17	0.11	0.016	Wasteland
Catechu	Twigs	89.0	0.15	0.098	0.014	Wasteland
Catechu	Bark	89.0	0.15	0.098	0.014	Wasteland
Catechu	Branches	89.0	0.15	0.098	0.014	Wasteland
Bamboo	Leaves	89.0	0.023	0.015	0.0021	Wasteland
Total		89.0	123.0	81.3	11.4	

Taluk level Residue-wise Data for Mundra ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	59.4	20.6	13.6	1.9	Wasteland
Others	Twigs	59.4	17.6	11.7	1.6	Wasteland
Others	Bark	59.4	17.6	11.7	1.6	Wasteland
Others	Branches	59.4	17.6	11.7	1.6	Wasteland
Teak	Leaves	59.4	2.0	1.3	0.18	Wasteland
Teak	Twigs	59.4	1.7	1.1	0.15	Wasteland
Teak	Bark	59.4	1.7	1.1	0.15	Wasteland
Teak	Branches	59.4	1.7	1.1	0.15	Wasteland
Bamboo	Stalk	59.4	0.39	0.26	0.037	Wasteland
Eucalyptus	Leaves	59.4	0.21	0.14	0.019	Wasteland
Eucalyptus	Twigs	59.4	0.18	0.12	0.016	Wasteland
Eucalyptus	Bark	59.4	0.18	0.12	0.016	Wasteland
Eucalyptus	Branches	59.4	0.18	0.12	0.016	Wasteland
Catechu	Leaves	59.4	0.11	0.076	0.011	Wasteland
Catechu	Twigs	59.4	0.098	0.065	0.0091	Wasteland
Catechu	Bark	59.4	0.098	0.065	0.0091	Wasteland
Catechu	Branches	59.4	0.098	0.065	0.0091	Wasteland
Bamboo	Leaves	59.4	0.015	0.010	0.0014	Wasteland
Total		59.4	82.0	54.2	7.6	

Taluk level Residue-wise Data for Nakhtrana ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	96.7	33.5	22.1	3.1	Wasteland
Others	Twigs	96.7	28.7	19.0	2.7	Wasteland
Others	Bark	96.7	28.7	19.0	2.7	Wasteland
Others	Branches	96.7	28.7	19.0	2.7	Wasteland
Teak	Leaves	96.7	3.2	2.1	0.29	Wasteland
Teak	Twigs	96.7	2.7	1.8	0.25	Wasteland
Teak	Bark	96.7	2.7	1.8	0.25	Wasteland
Teak	Branches	96.7	2.7	1.8	0.25	Wasteland
Bamboo	Stalk	96.7	0.64	0.42	0.059	Wasteland
Eucalyptus	Leaves	96.7	0.34	0.22	0.031	Wasteland
Eucalyptus	Twigs	96.7	0.29	0.19	0.027	Wasteland
Eucalyptus	Bark	96.7	0.29	0.19	0.027	Wasteland
Eucalyptus	Branches	96.7	0.29	0.19	0.027	Wasteland
Catechu	Leaves	96.7	0.19	0.12	0.017	Wasteland
Catechu	Twigs	96.7	0.16	0.11	0.015	Wasteland
Catechu	Bark	96.7	0.16	0.11	0.015	Wasteland
Catechu	Branches	96.7	0.16	0.11	0.015	Wasteland
Bamboo	Leaves	96.7	0.025	0.017	0.0023	Wasteland
Total		96.7	133.5	88.3	12.4	

Taluk level Residue-wise Data for Rapar ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	199.7	69.2	45.7	6.4	Wasteland
Others	Twigs	199.7	59.3	39.2	5.5	Wasteland
Others	Bark	199.7	59.3	39.2	5.5	Wasteland
Others	Branches	199.7	59.3	39.2	5.5	Wasteland
Teak	Leaves	199.7	6.6	4.3	0.61	Wasteland
Teak	Twigs	199.7	5.6	3.7	0.52	Wasteland
Teak	Bark	199.7	5.6	3.7	0.52	Wasteland
Teak	Branches	199.7	5.6	3.7	0.52	Wasteland
Bamboo	Stalk	199.7	1.3	0.88	0.12	Wasteland
Eucalyptus	Leaves	199.7	0.70	0.46	0.064	Wasteland
Eucalyptus	Twigs	199.7	0.60	0.39	0.055	Wasteland
Eucalyptus	Bark	199.7	0.60	0.39	0.055	Wasteland
Eucalyptus	Branches	199.7	0.60	0.39	0.055	Wasteland
Catechu	Leaves	199.7	0.39	0.26	0.036	Wasteland
Catechu	Twigs	199.7	0.33	0.22	0.031	Wasteland
Catechu	Bark	199.7	0.33	0.22	0.031	Wasteland
Catechu	Branches	199.7	0.33	0.22	0.031	Wasteland
Bamboo	Leaves	199.7	0.052	0.034	0.0048	Wasteland
Total		199.7	275.8	182.3	25.5	

Taluk level Residue-wise Data for Balasinor ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	5.2	1.8	1.2	0.17	Wasteland
Others	Twigs	5.2	1.5	1.0	0.14	Wasteland
Others	Bark	5.2	1.5	1.0	0.14	Wasteland
Others	Branches	5.2	1.5	1.0	0.14	Wasteland
Teak	Leaves	5.2	0.17	0.11	0.016	Wasteland
Teak	Twigs	5.2	0.15	0.096	0.013	Wasteland
Teak	Bark	5.2	0.15	0.096	0.013	Wasteland
Teak	Branches	5.2	0.15	0.096	0.013	Wasteland
Bamboo	Stalk	5.2	0.034	0.023	0.0032	Wasteland
Eucalyptus	Leaves	5.2	0.018	0.012	0.0017	Wasteland
Eucalyptus	Twigs	5.2	0.015	0.010	0.0014	Wasteland
Eucalyptus	Bark	5.2	0.015	0.010	0.0014	Wasteland
Eucalyptus	Branches	5.2	0.015	0.010	0.0014	Wasteland
Catechu	Leaves	5.2	0.0100	0.0066	0.00092	Wasteland
Catechu	Twigs	5.2	0.0086	0.0057	0.00079	Wasteland
Catechu	Bark	5.2	0.0086	0.0057	0.00079	Wasteland
Catechu	Branches	5.2	0.0086	0.0057	0.00079	Wasteland
Bamboo	Leaves	5.2	0.0013	0.00088	0.00012	Wasteland
Total		5.2	7.1	4.7	0.66	

Taluk level Residue-wise Data for Kapadvanj ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	10.9	3.8	2.5	0.35	Wasteland
Others	Twigs	10.9	3.2	2.1	0.30	Wasteland
Others	Bark	10.9	3.2	2.1	0.30	Wasteland
Others	Branches	10.9	3.2	2.1	0.30	Wasteland
Teak	Leaves	10.9	0.36	0.24	0.033	Wasteland
Teak	Twigs	10.9	0.31	0.20	0.028	Wasteland
Teak	Bark	10.9	0.31	0.20	0.028	Wasteland
Teak	Branches	10.9	0.31	0.20	0.028	Wasteland
Bamboo	Stalk	10.9	0.073	0.048	0.0067	Wasteland
Eucalyptus	Leaves	10.9	0.038	0.025	0.0035	Wasteland
Eucalyptus	Twigs	10.9	0.033	0.022	0.0030	Wasteland
Eucalyptus	Bark	10.9	0.033	0.022	0.0030	Wasteland
Eucalyptus	Branches	10.9	0.033	0.022	0.0030	Wasteland
Catechu	Leaves	10.9	0.021	0.014	0.0020	Wasteland
Catechu	Twigs	10.9	0.018	0.012	0.0017	Wasteland
Catechu	Bark	10.9	0.018	0.012	0.0017	Wasteland
Catechu	Branches	10.9	0.018	0.012	0.0017	Wasteland
Bamboo	Leaves	10.9	0.0028	0.0019	0.00026	Wasteland
Total		10.9	15.1	10.0	1.4	

Taluk level Residue-wise Data for Kathlal ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	3.5	1.2	0.81	0.11	Wasteland
Others	Twigs	3.5	1.0	0.69	0.097	Wasteland
Others	Bark	3.5	1.0	0.69	0.097	Wasteland
Others	Branches	3.5	1.0	0.69	0.097	Wasteland
Teak	Leaves	3.5	0.12	0.077	0.011	Wasteland
Teak	Twigs	3.5	0.099	0.066	0.0092	Wasteland
Teak	Bark	3.5	0.099	0.066	0.0092	Wasteland
Teak	Branches	3.5	0.099	0.066	0.0092	Wasteland
Bamboo	Stalk	3.5	0.023	0.016	0.0022	Wasteland
Eucalyptus	Leaves	3.5	0.012	0.0081	0.0011	Wasteland
Eucalyptus	Twigs	3.5	0.011	0.0070	0.00097	Wasteland
Eucalyptus	Bark	3.5	0.011	0.0070	0.00097	Wasteland
Eucalyptus	Branches	3.5	0.011	0.0070	0.00097	Wasteland
Catechu	Leaves	3.5	0.0068	0.0045	0.00063	Wasteland
Catechu	Twigs	3.5	0.0058	0.0039	0.00054	Wasteland
Catechu	Bark	3.5	0.0058	0.0039	0.00054	Wasteland
Catechu	Branches	3.5	0.0058	0.0039	0.00054	Wasteland
Bamboo	Leaves	3.5	0.00091	0.00060	8.44E-05	Wasteland
Total		3.5	4.9	3.2	0.45	

Taluk level Residue-wise Data for Mahemdabad ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.30	0.11	0.069	0.0097	Wasteland
Others	Twigs	0.30	0.090	0.060	0.0083	Wasteland
Others	Bark	0.30	0.090	0.060	0.0083	Wasteland
Others	Branches	0.30	0.090	0.060	0.0083	Wasteland
Teak	Leaves	0.30	0.0100	0.0066	0.00092	Wasteland
Teak	Twigs	0.30	0.0085	0.0057	0.00079	Wasteland
Teak	Bark	0.30	0.0085	0.0057	0.00079	Wasteland
Teak	Branches	0.30	0.0085	0.0057	0.00079	Wasteland
Bamboo	Stalk	0.30	0.0020	0.0013	0.00019	Wasteland
Eucalyptus	Leaves	0.30	0.0011	0.00070	9.77E-05	Wasteland
Eucalyptus	Twigs	0.30	0.00091	0.00060	8.38E-05	Wasteland
Eucalyptus	Bark	0.30	0.00091	0.00060	8.38E-05	Wasteland
Eucalyptus	Branches	0.30	0.00091	0.00060	8.38E-05	Wasteland
Catechu	Leaves	0.30	0.00059	0.00039	5.43E-05	Wasteland
Catechu	Twigs	0.30	0.00050	0.00033	4.65E-05	Wasteland
Catechu	Bark	0.30	0.00050	0.00033	4.65E-05	Wasteland
Catechu	Branches	0.30	0.00050	0.00033	4.65E-05	Wasteland
Bamboo	Leaves	0.30	7.84E-05	5.18E-05	7.26E-06	Wasteland
Total		0.30	0.42	0.28	0.039	

Taluk level Residue-wise Data for Mahudha ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.76	0.27	0.18	0.025	Wasteland
Others	Twigs	0.76	0.23	0.15	0.021	Wasteland
Others	Bark	0.76	0.23	0.15	0.021	Wasteland
Others	Branches	0.76	0.23	0.15	0.021	Wasteland
Teak	Leaves	0.76	0.025	0.017	0.0023	Wasteland
Teak	Twigs	0.76	0.022	0.014	0.0020	Wasteland
Teak	Bark	0.76	0.022	0.014	0.0020	Wasteland
Teak	Branches	0.76	0.022	0.014	0.0020	Wasteland
Bamboo	Stalk	0.76	0.0051	0.0034	0.00047	Wasteland
Eucalyptus	Leaves	0.76	0.0027	0.0018	0.00025	Wasteland
Eucalyptus	Twigs	0.76	0.0023	0.0015	0.00021	Wasteland
Eucalyptus	Bark	0.76	0.0023	0.0015	0.00021	Wasteland
Eucalyptus	Branches	0.76	0.0023	0.0015	0.00021	Wasteland
Catechu	Leaves	0.76	0.0015	0.00098	0.00014	Wasteland
Catechu	Twigs	0.76	0.0013	0.00084	0.00012	Wasteland
Catechu	Bark	0.76	0.0013	0.00084	0.00012	Wasteland
Catechu	Branches	0.76	0.0013	0.00084	0.00012	Wasteland
Bamboo	Leaves	0.76	0.00020	0.00013	1.83E-05	Wasteland
Total		0.76	1.1	0.70	0.098	

Taluk level Residue-wise Data for Matar ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	5.9	2.0	1.3	0.19	Wasteland
Others	Twigs	5.9	1.7	1.2	0.16	Wasteland
Others	Bark	5.9	1.7	1.2	0.16	Wasteland
Others	Branches	5.9	1.7	1.2	0.16	Wasteland
Teak	Leaves	5.9	0.19	0.13	0.018	Wasteland
Teak	Twigs	5.9	0.17	0.11	0.015	Wasteland
Teak	Bark	5.9	0.17	0.11	0.015	Wasteland
Teak	Branches	5.9	0.17	0.11	0.015	Wasteland
Bamboo	Stalk	5.9	0.039	0.026	0.0036	Wasteland
Eucalyptus	Leaves	5.9	0.020	0.014	0.0019	Wasteland
Eucalyptus	Twigs	5.9	0.018	0.012	0.0016	Wasteland
Eucalyptus	Bark	5.9	0.018	0.012	0.0016	Wasteland
Eucalyptus	Branches	5.9	0.018	0.012	0.0016	Wasteland
Catechu	Leaves	5.9	0.011	0.0075	0.0011	Wasteland
Catechu	Twigs	5.9	0.0097	0.0064	0.00090	Wasteland
Catechu	Bark	5.9	0.0097	0.0064	0.00090	Wasteland
Catechu	Branches	5.9	0.0097	0.0064	0.00090	Wasteland
Bamboo	Leaves	5.9	0.0015	0.0010	0.00014	Wasteland
Total		5.9	8.1	5.4	0.75	

Taluk level Residue-wise Data for Nadiad ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.54	0.19	0.12	0.017	Wasteland
Others	Twigs	0.54	0.16	0.11	0.015	Wasteland
Others	Bark	0.54	0.16	0.11	0.015	Wasteland
Others	Branches	0.54	0.16	0.11	0.015	Wasteland
Teak	Leaves	0.54	0.018	0.012	0.0017	Wasteland
Teak	Twigs	0.54	0.015	0.010	0.0014	Wasteland
Teak	Bark	0.54	0.015	0.010	0.0014	Wasteland
Teak	Branches	0.54	0.015	0.010	0.0014	Wasteland
Bamboo	Stalk	0.54	0.0036	0.0024	0.00033	Wasteland
Eucalyptus	Leaves	0.54	0.0019	0.0013	0.00018	Wasteland
Eucalyptus	Twigs	0.54	0.0016	0.0011	0.00015	Wasteland
Eucalyptus	Bark	0.54	0.0016	0.0011	0.00015	Wasteland
Eucalyptus	Branches	0.54	0.0016	0.0011	0.00015	Wasteland
Catechu	Leaves	0.54	0.0011	0.00070	9.74E-05	Wasteland
Catechu	Twigs	0.54	0.00090	0.00060	8.35E-05	Wasteland
Catechu	Bark	0.54	0.00090	0.00060	8.35E-05	Wasteland
Catechu	Branches	0.54	0.00090	0.00060	8.35E-05	Wasteland
Bamboo	Leaves	0.54	0.00014	9.30E-05	1.30E-05	Wasteland
Total		0.54	0.75	0.50	0.070	

Taluk level Residue-wise Data for Thasara ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	10.2	3.5	2.3	0.33	Wasteland
Others	Twigs	10.2	3.0	2.0	0.28	Wasteland
Others	Bark	10.2	3.0	2.0	0.28	Wasteland
Others	Branches	10.2	3.0	2.0	0.28	Wasteland
Teak	Leaves	10.2	0.34	0.22	0.031	Wasteland
Teak	Twigs	10.2	0.29	0.19	0.027	Wasteland
Teak	Bark	10.2	0.29	0.19	0.027	Wasteland
Teak	Branches	10.2	0.29	0.19	0.027	Wasteland
Bamboo	Stalk	10.2	0.068	0.045	0.0063	Wasteland
Eucalyptus	Leaves	10.2	0.036	0.024	0.0033	Wasteland
Eucalyptus	Twigs	10.2	0.031	0.020	0.0028	Wasteland
Eucalyptus	Bark	10.2	0.031	0.020	0.0028	Wasteland
Eucalyptus	Branches	10.2	0.031	0.020	0.0028	Wasteland
Catechu	Leaves	10.2	0.020	0.013	0.0018	Wasteland
Catechu	Twigs	10.2	0.017	0.011	0.0016	Wasteland
Catechu	Bark	10.2	0.017	0.011	0.0016	Wasteland
Catechu	Branches	10.2	0.017	0.011	0.0016	Wasteland
Bamboo	Leaves	10.2	0.0026	0.0017	0.00024	Wasteland
Total		10.2	14.1	9.3	1.3	

Taluk level Residue-wise Data for Virpur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.1	0.71	0.47	0.066	Wasteland
Others	Twigs	2.1	0.61	0.40	0.056	Wasteland
Others	Bark	2.1	0.61	0.40	0.056	Wasteland
Others	Branches	2.1	0.61	0.40	0.056	Wasteland
Teak	Leaves	2.1	0.067	0.045	0.0062	Wasteland
Teak	Twigs	2.1	0.058	0.038	0.0054	Wasteland
Teak	Bark	2.1	0.058	0.038	0.0054	Wasteland
Teak	Branches	2.1	0.058	0.038	0.0054	Wasteland
Bamboo	Stalk	2.1	0.014	0.0090	0.0013	Wasteland
Eucalyptus	Leaves	2.1	0.0071	0.0047	0.00066	Wasteland
Eucalyptus	Twigs	2.1	0.0061	0.0040	0.00057	Wasteland
Eucalyptus	Bark	2.1	0.0061	0.0040	0.00057	Wasteland
Eucalyptus	Branches	2.1	0.0061	0.0040	0.00057	Wasteland
Catechu	Leaves	2.1	0.0040	0.0026	0.00037	Wasteland
Catechu	Twigs	2.1	0.0034	0.0022	0.00031	Wasteland
Catechu	Bark	2.1	0.0034	0.0022	0.00031	Wasteland
Catechu	Branches	2.1	0.0034	0.0022	0.00031	Wasteland
Bamboo	Leaves	2.1	0.00053	0.00035	4.91E-05	Wasteland
Total		2.1	2.8	1.9	0.26	

Taluk level Residue-wise Data for Becharaji ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	5.1	1.8	1.2	0.17	Wasteland
Others	Twigs	5.1	1.5	1.0	0.14	Wasteland
Others	Bark	5.1	1.5	1.0	0.14	Wasteland
Others	Branches	5.1	1.5	1.0	0.14	Wasteland
Teak	Leaves	5.1	0.17	0.11	0.016	Wasteland
Teak	Twigs	5.1	0.15	0.096	0.013	Wasteland
Teak	Bark	5.1	0.15	0.096	0.013	Wasteland
Teak	Branches	5.1	0.15	0.096	0.013	Wasteland
Bamboo	Stalk	5.1	0.034	0.023	0.0032	Wasteland
Eucalyptus	Leaves	5.1	0.018	0.012	0.0017	Wasteland
Eucalyptus	Twigs	5.1	0.015	0.010	0.0014	Wasteland
Eucalyptus	Bark	5.1	0.015	0.010	0.0014	Wasteland
Eucalyptus	Branches	5.1	0.015	0.010	0.0014	Wasteland
Catechu	Leaves	5.1	0.0100	0.0066	0.00092	Wasteland
Catechu	Twigs	5.1	0.0085	0.0056	0.00079	Wasteland
Catechu	Bark	5.1	0.0085	0.0056	0.00079	Wasteland
Catechu	Branches	5.1	0.0085	0.0056	0.00079	Wasteland
Bamboo	Leaves	5.1	0.0013	0.00088	0.00012	Wasteland
Total		5.1	7.1	4.7	0.66	

Taluk level Residue-wise Data for Kadi ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.0	0.70	0.46	0.065	Wasteland
Others	Twigs	2.0	0.60	0.40	0.055	Wasteland
Others	Bark	2.0	0.60	0.40	0.055	Wasteland
Others	Branches	2.0	0.60	0.40	0.055	Wasteland
Teak	Leaves	2.0	0.066	0.044	0.0061	Wasteland
Teak	Twigs	2.0	0.057	0.037	0.0052	Wasteland
Teak	Bark	2.0	0.057	0.037	0.0052	Wasteland
Teak	Branches	2.0	0.057	0.037	0.0052	Wasteland
Bamboo	Stalk	2.0	0.013	0.0088	0.0012	Wasteland
Eucalyptus	Leaves	2.0	0.0070	0.0046	0.00065	Wasteland
Eucalyptus	Twigs	2.0	0.0060	0.0040	0.00056	Wasteland
Eucalyptus	Bark	2.0	0.0060	0.0040	0.00056	Wasteland
Eucalyptus	Branches	2.0	0.0060	0.0040	0.00056	Wasteland
Catechu	Leaves	2.0	0.0039	0.0026	0.00036	Wasteland
Catechu	Twigs	2.0	0.0033	0.0022	0.00031	Wasteland
Catechu	Bark	2.0	0.0033	0.0022	0.00031	Wasteland
Catechu	Branches	2.0	0.0033	0.0022	0.00031	Wasteland
Bamboo	Leaves	2.0	0.00052	0.00034	4.81E-05	Wasteland
Total		2.0	2.8	1.8	0.26	

Taluk level Residue-wise Data for Mahesana ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.4	0.49	0.33	0.046	Wasteland
Others	Twigs	1.4	0.42	0.28	0.039	Wasteland
Others	Bark	1.4	0.42	0.28	0.039	Wasteland
Others	Branches	1.4	0.42	0.28	0.039	Wasteland
Teak	Leaves	1.4	0.047	0.031	0.0043	Wasteland
Teak	Twigs	1.4	0.040	0.027	0.0037	Wasteland
Teak	Bark	1.4	0.040	0.027	0.0037	Wasteland
Teak	Branches	1.4	0.040	0.027	0.0037	Wasteland
Bamboo	Stalk	1.4	0.0095	0.0063	0.00088	Wasteland
Eucalyptus	Leaves	1.4	0.0050	0.0033	0.00046	Wasteland
Eucalyptus	Twigs	1.4	0.0043	0.0028	0.00039	Wasteland
Eucalyptus	Bark	1.4	0.0043	0.0028	0.00039	Wasteland
Eucalyptus	Branches	1.4	0.0043	0.0028	0.00039	Wasteland
Catechu	Leaves	1.4	0.0028	0.0018	0.00026	Wasteland
Catechu	Twigs	1.4	0.0024	0.0016	0.00022	Wasteland
Catechu	Bark	1.4	0.0024	0.0016	0.00022	Wasteland
Catechu	Branches	1.4	0.0024	0.0016	0.00022	Wasteland
Bamboo	Leaves	1.4	0.00037	0.00024	3.41E-05	Wasteland
Total		1.4	2.0	1.3	0.18	

Taluk level Residue-wise Data for Satlasana ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.2	0.42	0.28	0.039	Wasteland
Others	Twigs	1.2	0.36	0.24	0.034	Wasteland
Others	Bark	1.2	0.36	0.24	0.034	Wasteland
Others	Branches	1.2	0.36	0.24	0.034	Wasteland
Teak	Leaves	1.2	0.040	0.027	0.0037	Wasteland
Teak	Twigs	1.2	0.034	0.023	0.0032	Wasteland
Teak	Bark	1.2	0.034	0.023	0.0032	Wasteland
Teak	Branches	1.2	0.034	0.023	0.0032	Wasteland
Bamboo	Stalk	1.2	0.0081	0.0054	0.00075	Wasteland
Eucalyptus	Leaves	1.2	0.0043	0.0028	0.00039	Wasteland
Eucalyptus	Twigs	1.2	0.0037	0.0024	0.00034	Wasteland
Eucalyptus	Bark	1.2	0.0037	0.0024	0.00034	Wasteland
Eucalyptus	Branches	1.2	0.0037	0.0024	0.00034	Wasteland
Catechu	Leaves	1.2	0.0024	0.0016	0.00022	Wasteland
Catechu	Twigs	1.2	0.0020	0.0013	0.00019	Wasteland
Catechu	Bark	1.2	0.0020	0.0013	0.00019	Wasteland
Catechu	Branches	1.2	0.0020	0.0013	0.00019	Wasteland
Bamboo	Leaves	1.2	0.00032	0.00021	2.93E-05	Wasteland
Total		1.2	1.7	1.1	0.16	

Taluk level Residue-wise Data for Dediapada ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	17.2	6.0	4.8	0.67	Wasteland
Others	Twigs	17.2	5.1	4.1	0.57	Wasteland
Others	Bark	17.2	5.1	4.1	0.57	Wasteland
Others	Branches	17.2	5.1	4.1	0.57	Wasteland
Teak	Leaves	17.2	0.57	0.45	0.063	Wasteland
Teak	Twigs	17.2	0.48	0.39	0.054	Wasteland
Teak	Bark	17.2	0.48	0.39	0.054	Wasteland
Teak	Branches	17.2	0.48	0.39	0.054	Wasteland
Bamboo	Stalk	17.2	0.11	0.092	0.013	Wasteland
Eucalyptus	Leaves	17.2	0.060	0.048	0.0067	Wasteland
Eucalyptus	Twigs	17.2	0.051	0.041	0.0058	Wasteland
Eucalyptus	Bark	17.2	0.051	0.041	0.0058	Wasteland
Eucalyptus	Branches	17.2	0.051	0.041	0.0058	Wasteland
Catechu	Leaves	17.2	0.033	0.027	0.0037	Wasteland
Catechu	Twigs	17.2	0.029	0.023	0.0032	Wasteland
Catechu	Bark	17.2	0.029	0.023	0.0032	Wasteland
Catechu	Branches	17.2	0.029	0.023	0.0032	Wasteland
Bamboo	Leaves	17.2	0.0044	0.0036	0.00050	Wasteland
Total		17.2	23.8	19.0	2.7	

Taluk level Residue-wise Data for Nandod ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	27.2	9.4	7.6	1.1	Wasteland
Others	Twigs	27.2	8.1	6.5	0.91	Wasteland
Others	Bark	27.2	8.1	6.5	0.91	Wasteland
Others	Branches	27.2	8.1	6.5	0.91	Wasteland
Teak	Leaves	27.2	0.90	0.72	0.10	Wasteland
Teak	Twigs	27.2	0.77	0.61	0.086	Wasteland
Teak	Bark	27.2	0.77	0.61	0.086	Wasteland
Teak	Branches	27.2	0.77	0.61	0.086	Wasteland
Bamboo	Stalk	27.2	0.18	0.14	0.020	Wasteland
Eucalyptus	Leaves	27.2	0.095	0.076	0.011	Wasteland
Eucalyptus	Twigs	27.2	0.081	0.065	0.0091	Wasteland
Eucalyptus	Bark	27.2	0.081	0.065	0.0091	Wasteland
Eucalyptus	Branches	27.2	0.081	0.065	0.0091	Wasteland
Catechu	Leaves	27.2	0.053	0.042	0.0059	Wasteland
Catechu	Twigs	27.2	0.045	0.036	0.0051	Wasteland
Catechu	Bark	27.2	0.045	0.036	0.0051	Wasteland
Catechu	Branches	27.2	0.045	0.036	0.0051	Wasteland
Bamboo	Leaves	27.2	0.0070	0.0056	0.00079	Wasteland
Total		27.2	37.6	30.1	4.2	

Taluk level Residue-wise Data for Sagbara ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	7.1	2.4	2.0	0.27	Wasteland
Others	Twigs	7.1	2.1	1.7	0.23	Wasteland
Others	Bark	7.1	2.1	1.7	0.23	Wasteland
Others	Branches	7.1	2.1	1.7	0.23	Wasteland
Teak	Leaves	7.1	0.23	0.19	0.026	Wasteland
Teak	Twigs	7.1	0.20	0.16	0.022	Wasteland
Teak	Bark	7.1	0.20	0.16	0.022	Wasteland
Teak	Branches	7.1	0.20	0.16	0.022	Wasteland
Bamboo	Stalk	7.1	0.047	0.038	0.0053	Wasteland
Eucalyptus	Leaves	7.1	0.025	0.020	0.0028	Wasteland
Eucalyptus	Twigs	7.1	0.021	0.017	0.0024	Wasteland
Eucalyptus	Bark	7.1	0.021	0.017	0.0024	Wasteland
Eucalyptus	Branches	7.1	0.021	0.017	0.0024	Wasteland
Catechu	Leaves	7.1	0.014	0.011	0.0015	Wasteland
Catechu	Twigs	7.1	0.012	0.0094	0.0013	Wasteland
Catechu	Bark	7.1	0.012	0.0094	0.0013	Wasteland
Catechu	Branches	7.1	0.012	0.0094	0.0013	Wasteland
Bamboo	Leaves	7.1	0.0018	0.0015	0.00020	Wasteland
Total		7.1	9.8	7.8	1.1	

Taluk level Residue-wise Data for Tilakwada ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	17.6	6.1	4.9	0.68	Wasteland
Others	Twigs	17.6	5.2	4.2	0.59	Wasteland
Others	Bark	17.6	5.2	4.2	0.59	Wasteland
Others	Branches	17.6	5.2	4.2	0.59	Wasteland
Teak	Leaves	17.6	0.58	0.46	0.065	Wasteland
Teak	Twigs	17.6	0.50	0.40	0.056	Wasteland
Teak	Bark	17.6	0.50	0.40	0.056	Wasteland
Teak	Branches	17.6	0.50	0.40	0.056	Wasteland
Bamboo	Stalk	17.6	0.12	0.094	0.013	Wasteland
Eucalyptus	Leaves	17.6	0.061	0.049	0.0069	Wasteland
Eucalyptus	Twigs	17.6	0.053	0.042	0.0059	Wasteland
Eucalyptus	Bark	17.6	0.053	0.042	0.0059	Wasteland
Eucalyptus	Branches	17.6	0.053	0.042	0.0059	Wasteland
Catechu	Leaves	17.6	0.034	0.027	0.0038	Wasteland
Catechu	Twigs	17.6	0.029	0.023	0.0033	Wasteland
Catechu	Bark	17.6	0.029	0.023	0.0033	Wasteland
Catechu	Branches	17.6	0.029	0.023	0.0033	Wasteland
Bamboo	Leaves	17.6	0.0046	0.0036	0.00051	Wasteland
Total		17.6	24.4	19.5	2.7	

Taluk level Residue-wise Data for Chikhli ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	7.4	2.5	2.0	0.29	Wasteland
Others	Twigs	7.4	2.2	1.7	0.24	Wasteland
Others	Bark	7.4	2.2	1.7	0.24	Wasteland
Others	Branches	7.4	2.2	1.7	0.24	Wasteland
Teak	Leaves	7.4	0.24	0.19	0.027	Wasteland
Teak	Twigs	7.4	0.21	0.17	0.023	Wasteland
Teak	Bark	7.4	0.21	0.17	0.023	Wasteland
Teak	Branches	7.4	0.21	0.17	0.023	Wasteland
Bamboo	Stalk	7.4	0.049	0.039	0.0055	Wasteland
Eucalyptus	Leaves	7.4	0.026	0.020	0.0029	Wasteland
Eucalyptus	Twigs	7.4	0.022	0.018	0.0025	Wasteland
Eucalyptus	Bark	7.4	0.022	0.018	0.0025	Wasteland
Eucalyptus	Branches	7.4	0.022	0.018	0.0025	Wasteland
Catechu	Leaves	7.4	0.014	0.011	0.0016	Wasteland
Catechu	Twigs	7.4	0.012	0.0098	0.0014	Wasteland
Catechu	Bark	7.4	0.012	0.0098	0.0014	Wasteland
Catechu	Branches	7.4	0.012	0.0098	0.0014	Wasteland
Bamboo	Leaves	7.4	0.0019	0.0015	0.00021	Wasteland
Total		7.4	10.2	8.1	1.1	

Taluk level Residue-wise Data for Gandevi ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.40	0.14	0.11	0.015	Wasteland
Others	Twigs	0.40	0.12	0.094	0.013	Wasteland
Others	Bark	0.40	0.12	0.094	0.013	Wasteland
Others	Branches	0.40	0.12	0.094	0.013	Wasteland
Teak	Leaves	0.40	0.013	0.010	0.0015	Wasteland
Teak	Twigs	0.40	0.011	0.0089	0.0013	Wasteland
Teak	Bark	0.40	0.011	0.0089	0.0013	Wasteland
Teak	Branches	0.40	0.011	0.0089	0.0013	Wasteland
Bamboo	Stalk	0.40	0.0026	0.0021	0.00030	Wasteland
Eucalyptus	Leaves	0.40	0.0014	0.0011	0.00015	Wasteland
Eucalyptus	Twigs	0.40	0.0012	0.00095	0.00013	Wasteland
Eucalyptus	Bark	0.40	0.0012	0.00095	0.00013	Wasteland
Eucalyptus	Branches	0.40	0.0012	0.00095	0.00013	Wasteland
Catechu	Leaves	0.40	0.00077	0.00061	8.60E-05	Wasteland
Catechu	Twigs	0.40	0.00066	0.00053	7.37E-05	Wasteland
Catechu	Bark	0.40	0.00066	0.00053	7.37E-05	Wasteland
Catechu	Branches	0.40	0.00066	0.00053	7.37E-05	Wasteland
Bamboo	Leaves	0.40	0.00010	8.21E-05	1.15E-05	Wasteland
Total		0.40	0.55	0.44	0.061	

Taluk level Residue-wise Data for Jalalpur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.1	0.72	0.58	0.081	Wasteland
Others	Twigs	2.1	0.62	0.49	0.069	Wasteland
Others	Bark	2.1	0.62	0.49	0.069	Wasteland
Others	Branches	2.1	0.62	0.49	0.069	Wasteland
Teak	Leaves	2.1	0.068	0.055	0.0077	Wasteland
Teak	Twigs	2.1	0.059	0.047	0.0066	Wasteland
Teak	Bark	2.1	0.059	0.047	0.0066	Wasteland
Teak	Branches	2.1	0.059	0.047	0.0066	Wasteland
Bamboo	Stalk	2.1	0.014	0.011	0.0015	Wasteland
Eucalyptus	Leaves	2.1	0.0072	0.0058	0.00081	Wasteland
Eucalyptus	Twigs	2.1	0.0062	0.0050	0.00070	Wasteland
Eucalyptus	Bark	2.1	0.0062	0.0050	0.00070	Wasteland
Eucalyptus	Branches	2.1	0.0062	0.0050	0.00070	Wasteland
Catechu	Leaves	2.1	0.0040	0.0032	0.00045	Wasteland
Catechu	Twigs	2.1	0.0034	0.0028	0.00039	Wasteland
Catechu	Bark	2.1	0.0034	0.0028	0.00039	Wasteland
Catechu	Branches	2.1	0.0034	0.0028	0.00039	Wasteland
Bamboo	Leaves	2.1	0.00054	0.00043	6.03E-05	Wasteland
Total		2.1	2.9	2.3	0.32	

Taluk level Residue-wise Data for Navsari ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.6	0.91	0.73	0.10	Wasteland
Others	Twigs	2.6	0.78	0.62	0.087	Wasteland
Others	Bark	2.6	0.78	0.62	0.087	Wasteland
Others	Branches	2.6	0.78	0.62	0.087	Wasteland
Teak	Leaves	2.6	0.086	0.069	0.0097	Wasteland
Teak	Twigs	2.6	0.074	0.059	0.0083	Wasteland
Teak	Bark	2.6	0.074	0.059	0.0083	Wasteland
Teak	Branches	2.6	0.074	0.059	0.0083	Wasteland
Bamboo	Stalk	2.6	0.017	0.014	0.0020	Wasteland
Eucalyptus	Leaves	2.6	0.0092	0.0073	0.0010	Wasteland
Eucalyptus	Twigs	2.6	0.0078	0.0063	0.00088	Wasteland
Eucalyptus	Bark	2.6	0.0078	0.0063	0.00088	Wasteland
Eucalyptus	Branches	2.6	0.0078	0.0063	0.00088	Wasteland
Catechu	Leaves	2.6	0.0051	0.0041	0.00057	Wasteland
Catechu	Twigs	2.6	0.0044	0.0035	0.00049	Wasteland
Catechu	Bark	2.6	0.0044	0.0035	0.00049	Wasteland
Catechu	Branches	2.6	0.0044	0.0035	0.00049	Wasteland
Bamboo	Leaves	2.6	0.00068	0.00054	7.61E-05	Wasteland
Total		2.6	3.6	2.9	0.41	

Taluk level Residue-wise Data for Vandsa ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	11.7	4.1	3.3	0.46	Wasteland
Others	Twigs	11.7	3.5	2.8	0.39	Wasteland
Others	Bark	11.7	3.5	2.8	0.39	Wasteland
Others	Branches	11.7	3.5	2.8	0.39	Wasteland
Teak	Leaves	11.7	0.39	0.31	0.043	Wasteland
Teak	Twigs	11.7	0.33	0.26	0.037	Wasteland
Teak	Bark	11.7	0.33	0.26	0.037	Wasteland
Teak	Branches	11.7	0.33	0.26	0.037	Wasteland
Bamboo	Stalk	11.7	0.078	0.062	0.0087	Wasteland
Eucalyptus	Leaves	11.7	0.041	0.033	0.0046	Wasteland
Eucalyptus	Twigs	11.7	0.035	0.028	0.0039	Wasteland
Eucalyptus	Bark	11.7	0.035	0.028	0.0039	Wasteland
Eucalyptus	Branches	11.7	0.035	0.028	0.0039	Wasteland
Catechu	Leaves	11.7	0.023	0.018	0.0025	Wasteland
Catechu	Twigs	11.7	0.019	0.016	0.0022	Wasteland
Catechu	Bark	11.7	0.019	0.016	0.0022	Wasteland
Catechu	Branches	11.7	0.019	0.016	0.0022	Wasteland
Bamboo	Leaves	11.7	0.0030	0.0024	0.00034	Wasteland
Total		11.7	16.2	13.0	1.8	

Taluk level Residue-wise Data for Godhara ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	9.6	3.3	2.2	0.31	Wasteland
Others	Twigs	9.6	2.8	1.9	0.26	Wasteland
Others	Bark	9.6	2.8	1.9	0.26	Wasteland
Others	Branches	9.6	2.8	1.9	0.26	Wasteland
Teak	Leaves	9.6	0.31	0.21	0.029	Wasteland
Teak	Twigs	9.6	0.27	0.18	0.025	Wasteland
Teak	Bark	9.6	0.27	0.18	0.025	Wasteland
Teak	Branches	9.6	0.27	0.18	0.025	Wasteland
Bamboo	Stalk	9.6	0.064	0.042	0.0059	Wasteland
Eucalyptus	Leaves	9.6	0.033	0.022	0.0031	Wasteland
Eucalyptus	Twigs	9.6	0.029	0.019	0.0026	Wasteland
Eucalyptus	Bark	9.6	0.029	0.019	0.0026	Wasteland
Eucalyptus	Branches	9.6	0.029	0.019	0.0026	Wasteland
Catechu	Leaves	9.6	0.018	0.012	0.0017	Wasteland
Catechu	Twigs	9.6	0.016	0.010	0.0015	Wasteland
Catechu	Bark	9.6	0.016	0.010	0.0015	Wasteland
Catechu	Branches	9.6	0.016	0.010	0.0015	Wasteland
Bamboo	Leaves	9.6	0.0025	0.0016	0.00023	Wasteland
Total		9.6	13.2	8.7	1.2	

Taluk level Residue-wise Data for Halol ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	10.3	3.6	2.3	0.33	Wasteland
Others	Twigs	10.3	3.0	2.0	0.28	Wasteland
Others	Bark	10.3	3.0	2.0	0.28	Wasteland
Others	Branches	10.3	3.0	2.0	0.28	Wasteland
Teak	Leaves	10.3	0.34	0.22	0.031	Wasteland
Teak	Twigs	10.3	0.29	0.19	0.027	Wasteland
Teak	Bark	10.3	0.29	0.19	0.027	Wasteland
Teak	Branches	10.3	0.29	0.19	0.027	Wasteland
Bamboo	Stalk	10.3	0.068	0.045	0.0063	Wasteland
Eucalyptus	Leaves	10.3	0.036	0.024	0.0033	Wasteland
Eucalyptus	Twigs	10.3	0.031	0.020	0.0028	Wasteland
Eucalyptus	Bark	10.3	0.031	0.020	0.0028	Wasteland
Eucalyptus	Branches	10.3	0.031	0.020	0.0028	Wasteland
Catechu	Leaves	10.3	0.020	0.013	0.0018	Wasteland
Catechu	Twigs	10.3	0.017	0.011	0.0016	Wasteland
Catechu	Bark	10.3	0.017	0.011	0.0016	Wasteland
Catechu	Branches	10.3	0.017	0.011	0.0016	Wasteland
Bamboo	Leaves	10.3	0.0027	0.0018	0.00025	Wasteland
Total		10.3	14.2	9.4	1.3	

Taluk level Residue-wise Data for Jambughoda ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.6	0.56	0.37	0.052	Wasteland
Others	Twigs	1.6	0.48	0.32	0.044	Wasteland
Others	Bark	1.6	0.48	0.32	0.044	Wasteland
Others	Branches	1.6	0.48	0.32	0.044	Wasteland
Teak	Leaves	1.6	0.053	0.035	0.0049	Wasteland
Teak	Twigs	1.6	0.046	0.030	0.0042	Wasteland
Teak	Bark	1.6	0.046	0.030	0.0042	Wasteland
Teak	Branches	1.6	0.046	0.030	0.0042	Wasteland
Bamboo	Stalk	1.6	0.011	0.0071	0.00099	Wasteland
Eucalyptus	Leaves	1.6	0.0056	0.0037	0.00052	Wasteland
Eucalyptus	Twigs	1.6	0.0048	0.0032	0.00045	Wasteland
Eucalyptus	Bark	1.6	0.0048	0.0032	0.00045	Wasteland
Eucalyptus	Branches	1.6	0.0048	0.0032	0.00045	Wasteland
Catechu	Leaves	1.6	0.0031	0.0021	0.00029	Wasteland
Catechu	Twigs	1.6	0.0027	0.0018	0.00025	Wasteland
Catechu	Bark	1.6	0.0027	0.0018	0.00025	Wasteland
Catechu	Branches	1.6	0.0027	0.0018	0.00025	Wasteland
Bamboo	Leaves	1.6	0.00042	0.00028	3.87E-05	Wasteland
Total		1.6	2.2	1.5	0.21	

Taluk level Residue-wise Data for Kadana ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	3.4	1.2	0.77	0.11	Wasteland
Others	Twigs	3.4	1.0	0.66	0.093	Wasteland
Others	Bark	3.4	1.0	0.66	0.093	Wasteland
Others	Branches	3.4	1.0	0.66	0.093	Wasteland
Teak	Leaves	3.4	0.11	0.073	0.010	Wasteland
Teak	Twigs	3.4	0.095	0.063	0.0088	Wasteland
Teak	Bark	3.4	0.095	0.063	0.0088	Wasteland
Teak	Branches	3.4	0.095	0.063	0.0088	Wasteland
Bamboo	Stalk	3.4	0.022	0.015	0.0021	Wasteland
Eucalyptus	Leaves	3.4	0.012	0.0078	0.0011	Wasteland
Eucalyptus	Twigs	3.4	0.010	0.0066	0.00093	Wasteland
Eucalyptus	Bark	3.4	0.010	0.0066	0.00093	Wasteland
Eucalyptus	Branches	3.4	0.010	0.0066	0.00093	Wasteland
Catechu	Leaves	3.4	0.0065	0.0043	0.00060	Wasteland
Catechu	Twigs	3.4	0.0056	0.0037	0.00052	Wasteland
Catechu	Bark	3.4	0.0056	0.0037	0.00052	Wasteland
Catechu	Branches	3.4	0.0056	0.0037	0.00052	Wasteland
Bamboo	Leaves	3.4	0.00087	0.00058	8.07E-05	Wasteland
Total		3.4	4.7	3.1	0.43	

Taluk level Residue-wise Data for Kalol(Panchmahals) ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	4.6	1.6	1.0	0.15	Wasteland
Others	Twigs	4.6	1.4	0.90	0.13	Wasteland
Others	Bark	4.6	1.4	0.90	0.13	Wasteland
Others	Branches	4.6	1.4	0.90	0.13	Wasteland
Teak	Leaves	4.6	0.15	0.099	0.014	Wasteland
Teak	Twigs	4.6	0.13	0.085	0.012	Wasteland
Teak	Bark	4.6	0.13	0.085	0.012	Wasteland
Teak	Branches	4.6	0.13	0.085	0.012	Wasteland
Bamboo	Stalk	4.6	0.030	0.020	0.0028	Wasteland
Eucalyptus	Leaves	4.6	0.016	0.011	0.0015	Wasteland
Eucalyptus	Twigs	4.6	0.014	0.0090	0.0013	Wasteland
Eucalyptus	Bark	4.6	0.014	0.0090	0.0013	Wasteland
Eucalyptus	Branches	4.6	0.014	0.0090	0.0013	Wasteland
Catechu	Leaves	4.6	0.0088	0.0058	0.00082	Wasteland
Catechu	Twigs	4.6	0.0076	0.0050	0.00070	Wasteland
Catechu	Bark	4.6	0.0076	0.0050	0.00070	Wasteland
Catechu	Branches	4.6	0.0076	0.0050	0.00070	Wasteland
Bamboo	Leaves	4.6	0.0012	0.00078	0.00011	Wasteland
Total		4.6	6.3	4.2	0.58	

Taluk level Residue-wise Data for Khanpur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.50	0.17	0.11	0.016	Wasteland
Others	Twigs	0.50	0.15	0.097	0.014	Wasteland
Others	Bark	0.50	0.15	0.097	0.014	Wasteland
Others	Branches	0.50	0.15	0.097	0.014	Wasteland
Teak	Leaves	0.50	0.016	0.011	0.0015	Wasteland
Teak	Twigs	0.50	0.014	0.0092	0.0013	Wasteland
Teak	Bark	0.50	0.014	0.0092	0.0013	Wasteland
Teak	Branches	0.50	0.014	0.0092	0.0013	Wasteland
Bamboo	Stalk	0.50	0.0033	0.0022	0.00031	Wasteland
Eucalyptus	Leaves	0.50	0.0017	0.0011	0.00016	Wasteland
Eucalyptus	Twigs	0.50	0.0015	0.00098	0.00014	Wasteland
Eucalyptus	Bark	0.50	0.0015	0.00098	0.00014	Wasteland
Eucalyptus	Branches	0.50	0.0015	0.00098	0.00014	Wasteland
Catechu	Leaves	0.50	0.00096	0.00063	8.88E-05	Wasteland
Catechu	Twigs	0.50	0.00082	0.00054	7.61E-05	Wasteland
Catechu	Bark	0.50	0.00082	0.00054	7.61E-05	Wasteland
Catechu	Branches	0.50	0.00082	0.00054	7.61E-05	Wasteland
Bamboo	Leaves	0.50	0.00013	8.48E-05	1.19E-05	Wasteland
Total		0.50	0.69	0.45	0.063	

Taluk level Residue-wise Data for Lunawada ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	3.4	1.2	0.78	0.11	Wasteland
Others	Twigs	3.4	1.0	0.67	0.094	Wasteland
Others	Bark	3.4	1.0	0.67	0.094	Wasteland
Others	Branches	3.4	1.0	0.67	0.094	Wasteland
Teak	Leaves	3.4	0.11	0.074	0.010	Wasteland
Teak	Twigs	3.4	0.096	0.064	0.0089	Wasteland
Teak	Bark	3.4	0.096	0.064	0.0089	Wasteland
Teak	Branches	3.4	0.096	0.064	0.0089	Wasteland
Bamboo	Stalk	3.4	0.023	0.015	0.0021	Wasteland
Eucalyptus	Leaves	3.4	0.012	0.0078	0.0011	Wasteland
Eucalyptus	Twigs	3.4	0.010	0.0067	0.00094	Wasteland
Eucalyptus	Bark	3.4	0.010	0.0067	0.00094	Wasteland
Eucalyptus	Branches	3.4	0.010	0.0067	0.00094	Wasteland
Catechu	Leaves	3.4	0.0066	0.0044	0.00061	Wasteland
Catechu	Twigs	3.4	0.0057	0.0037	0.00052	Wasteland
Catechu	Bark	3.4	0.0057	0.0037	0.00052	Wasteland
Catechu	Branches	3.4	0.0057	0.0037	0.00052	Wasteland
Bamboo	Leaves	3.4	0.00088	0.00058	8.16E-05	Wasteland
Total		3.4	4.7	3.1	0.44	

Taluk level Residue-wise Data for Morva ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.45	0.16	0.10	0.015	Wasteland
Others	Twigs	0.45	0.13	0.089	0.012	Wasteland
Others	Bark	0.45	0.13	0.089	0.012	Wasteland
Others	Branches	0.45	0.13	0.089	0.012	Wasteland
Teak	Leaves	0.45	0.015	0.0098	0.0014	Wasteland
Teak	Twigs	0.45	0.013	0.0084	0.0012	Wasteland
Teak	Bark	0.45	0.013	0.0084	0.0012	Wasteland
Teak	Branches	0.45	0.013	0.0084	0.0012	Wasteland
Bamboo	Stalk	0.45	0.0030	0.0020	0.00028	Wasteland
Eucalyptus	Leaves	0.45	0.0016	0.0010	0.00015	Wasteland
Eucalyptus	Twigs	0.45	0.0014	0.00089	0.00013	Wasteland
Eucalyptus	Bark	0.45	0.0014	0.00089	0.00013	Wasteland
Eucalyptus	Branches	0.45	0.0014	0.00089	0.00013	Wasteland
Catechu	Leaves	0.45	0.00088	0.00058	8.11E-05	Wasteland
Catechu	Twigs	0.45	0.00075	0.00050	6.95E-05	Wasteland
Catechu	Bark	0.45	0.00075	0.00050	6.95E-05	Wasteland
Catechu	Branches	0.45	0.00075	0.00050	6.95E-05	Wasteland
Bamboo	Leaves	0.45	0.00012	7.75E-05	1.08E-05	Wasteland
Total		0.45	0.63	0.41	0.058	

Taluk level Residue-wise Data for Santrampur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	5.2	1.8	1.2	0.17	Wasteland
Others	Twigs	5.2	1.6	1.0	0.14	Wasteland
Others	Bark	5.2	1.6	1.0	0.14	Wasteland
Others	Branches	5.2	1.6	1.0	0.14	Wasteland
Teak	Leaves	5.2	0.17	0.11	0.016	Wasteland
Teak	Twigs	5.2	0.15	0.097	0.014	Wasteland
Teak	Bark	5.2	0.15	0.097	0.014	Wasteland
Teak	Branches	5.2	0.15	0.097	0.014	Wasteland
Bamboo	Stalk	5.2	0.035	0.023	0.0032	Wasteland
Eucalyptus	Leaves	5.2	0.018	0.012	0.0017	Wasteland
Eucalyptus	Twigs	5.2	0.016	0.010	0.0014	Wasteland
Eucalyptus	Bark	5.2	0.016	0.010	0.0014	Wasteland
Eucalyptus	Branches	5.2	0.016	0.010	0.0014	Wasteland
Catechu	Leaves	5.2	0.010	0.0067	0.00094	Wasteland
Catechu	Twigs	5.2	0.0087	0.0057	0.00080	Wasteland
Catechu	Bark	5.2	0.0087	0.0057	0.00080	Wasteland
Catechu	Branches	5.2	0.0087	0.0057	0.00080	Wasteland
Bamboo	Leaves	5.2	0.0014	0.00089	0.00013	Wasteland
Total		5.2	7.2	4.8	0.67	

Taluk level Residue-wise Data for Shahera ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.53	0.19	0.12	0.017	Wasteland
Others	Twigs	0.53	0.16	0.10	0.015	Wasteland
Others	Bark	0.53	0.16	0.10	0.015	Wasteland
Others	Branches	0.53	0.16	0.10	0.015	Wasteland
Teak	Leaves	0.53	0.018	0.012	0.0016	Wasteland
Teak	Twigs	0.53	0.015	0.0099	0.0014	Wasteland
Teak	Bark	0.53	0.015	0.0099	0.0014	Wasteland
Teak	Branches	0.53	0.015	0.0099	0.0014	Wasteland
Bamboo	Stalk	0.53	0.0036	0.0023	0.00033	Wasteland
Eucalyptus	Leaves	0.53	0.0019	0.0012	0.00017	Wasteland
Eucalyptus	Twigs	0.53	0.0016	0.0011	0.00015	Wasteland
Eucalyptus	Bark	0.53	0.0016	0.0011	0.00015	Wasteland
Eucalyptus	Branches	0.53	0.0016	0.0011	0.00015	Wasteland
Catechu	Leaves	0.53	0.0010	0.00068	9.56E-05	Wasteland
Catechu	Twigs	0.53	0.00089	0.00059	8.19E-05	Wasteland
Catechu	Bark	0.53	0.00089	0.00059	8.19E-05	Wasteland
Catechu	Branches	0.53	0.00089	0.00059	8.19E-05	Wasteland
Bamboo	Leaves	0.53	0.00014	9.13E-05	1.28E-05	Wasteland
Total		0.53	0.74	0.49	0.068	

Taluk level Residue-wise Data for Chanasma ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.78	0.27	0.22	0.030	Wasteland
Others	Twigs	0.78	0.23	0.19	0.026	Wasteland
Others	Bark	0.78	0.23	0.19	0.026	Wasteland
Others	Branches	0.78	0.23	0.19	0.026	Wasteland
Teak	Leaves	0.78	0.026	0.021	0.0029	Wasteland
Teak	Twigs	0.78	0.022	0.018	0.0025	Wasteland
Teak	Bark	0.78	0.022	0.018	0.0025	Wasteland
Teak	Branches	0.78	0.022	0.018	0.0025	Wasteland
Bamboo	Stalk	0.78	0.0052	0.0041	0.00058	Wasteland
Eucalyptus	Leaves	0.78	0.0027	0.0022	0.00030	Wasteland
Eucalyptus	Twigs	0.78	0.0023	0.0019	0.00026	Wasteland
Eucalyptus	Bark	0.78	0.0023	0.0019	0.00026	Wasteland
Eucalyptus	Branches	0.78	0.0023	0.0019	0.00026	Wasteland
Catechu	Leaves	0.78	0.0015	0.0012	0.00017	Wasteland
Catechu	Twigs	0.78	0.0013	0.0010	0.00014	Wasteland
Catechu	Bark	0.78	0.0013	0.0010	0.00014	Wasteland
Catechu	Branches	0.78	0.0013	0.0010	0.00014	Wasteland
Bamboo	Leaves	0.78	0.00020	0.00016	2.26E-05	Wasteland
Total		0.78	1.1	0.86	0.12	

Taluk level Residue-wise Data for Harij ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.3	0.46	0.37	0.052	Wasteland
Others	Twigs	1.3	0.40	0.32	0.045	Wasteland
Others	Bark	1.3	0.40	0.32	0.045	Wasteland
Others	Branches	1.3	0.40	0.32	0.045	Wasteland
Teak	Leaves	1.3	0.044	0.035	0.0049	Wasteland
Teak	Twigs	1.3	0.038	0.030	0.0042	Wasteland
Teak	Bark	1.3	0.038	0.030	0.0042	Wasteland
Teak	Branches	1.3	0.038	0.030	0.0042	Wasteland
Bamboo	Stalk	1.3	0.0089	0.0071	0.00100	Wasteland
Eucalyptus	Leaves	1.3	0.0047	0.0037	0.00052	Wasteland
Eucalyptus	Twigs	1.3	0.0040	0.0032	0.00045	Wasteland
Eucalyptus	Bark	1.3	0.0040	0.0032	0.00045	Wasteland
Eucalyptus	Branches	1.3	0.0040	0.0032	0.00045	Wasteland
Catechu	Leaves	1.3	0.0026	0.0021	0.00029	Wasteland
Catechu	Twigs	1.3	0.0022	0.0018	0.00025	Wasteland
Catechu	Bark	1.3	0.0022	0.0018	0.00025	Wasteland
Catechu	Branches	1.3	0.0022	0.0018	0.00025	Wasteland
Bamboo	Leaves	1.3	0.00035	0.00028	3.88E-05	Wasteland
Total		1.3	1.9	1.5	0.21	

Taluk level Residue-wise Data for Patan ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.25	0.088	0.070	0.0098	Wasteland
Others	Twigs	0.25	0.075	0.060	0.0084	Wasteland
Others	Bark	0.25	0.075	0.060	0.0084	Wasteland
Others	Branches	0.25	0.075	0.060	0.0084	Wasteland
Teak	Leaves	0.25	0.0083	0.0067	0.00093	Wasteland
Teak	Twigs	0.25	0.0071	0.0057	0.00080	Wasteland
Teak	Bark	0.25	0.0071	0.0057	0.00080	Wasteland
Teak	Branches	0.25	0.0071	0.0057	0.00080	Wasteland
Bamboo	Stalk	0.25	0.0017	0.0013	0.00019	Wasteland
Eucalyptus	Leaves	0.25	0.00088	0.00070	9.86E-05	Wasteland
Eucalyptus	Twigs	0.25	0.00075	0.00060	8.45E-05	Wasteland
Eucalyptus	Bark	0.25	0.00075	0.00060	8.45E-05	Wasteland
Eucalyptus	Branches	0.25	0.00075	0.00060	8.45E-05	Wasteland
Catechu	Leaves	0.25	0.00049	0.00039	5.48E-05	Wasteland
Catechu	Twigs	0.25	0.00042	0.00034	4.70E-05	Wasteland
Catechu	Bark	0.25	0.00042	0.00034	4.70E-05	Wasteland
Catechu	Branches	0.25	0.00042	0.00034	4.70E-05	Wasteland
Bamboo	Leaves	0.25	6.54E-05	5.23E-05	7.33E-06	Wasteland
Total		0.25	0.35	0.28	0.039	

Taluk level Residue-wise Data for Radhanpur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	18.8	6.5	5.2	0.73	Wasteland
Others	Twigs	18.8	5.6	4.5	0.63	Wasteland
Others	Bark	18.8	5.6	4.5	0.63	Wasteland
Others	Branches	18.8	5.6	4.5	0.63	Wasteland
Teak	Leaves	18.8	0.62	0.50	0.069	Wasteland
Teak	Twigs	18.8	0.53	0.42	0.059	Wasteland
Teak	Bark	18.8	0.53	0.42	0.059	Wasteland
Teak	Branches	18.8	0.53	0.42	0.059	Wasteland
Bamboo	Stalk	18.8	0.13	0.10	0.014	Wasteland
Eucalyptus	Leaves	18.8	0.066	0.052	0.0073	Wasteland
Eucalyptus	Twigs	18.8	0.056	0.045	0.0063	Wasteland
Eucalyptus	Bark	18.8	0.056	0.045	0.0063	Wasteland
Eucalyptus	Branches	18.8	0.056	0.045	0.0063	Wasteland
Catechu	Leaves	18.8	0.036	0.029	0.0041	Wasteland
Catechu	Twigs	18.8	0.031	0.025	0.0035	Wasteland
Catechu	Bark	18.8	0.031	0.025	0.0035	Wasteland
Catechu	Branches	18.8	0.031	0.025	0.0035	Wasteland
Bamboo	Leaves	18.8	0.0049	0.0039	0.00055	Wasteland
Total		18.8	26.0	20.8	2.9	

Taluk level Residue-wise Data for Sami ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	107.9	37.4	29.9	4.2	Wasteland
Others	Twigs	107.9	32.0	25.6	3.6	Wasteland
Others	Bark	107.9	32.0	25.6	3.6	Wasteland
Others	Branches	107.9	32.0	25.6	3.6	Wasteland
Teak	Leaves	107.9	3.5	2.8	0.40	Wasteland
Teak	Twigs	107.9	3.0	2.4	0.34	Wasteland
Teak	Bark	107.9	3.0	2.4	0.34	Wasteland
Teak	Branches	107.9	3.0	2.4	0.34	Wasteland
Bamboo	Stalk	107.9	0.72	0.57	0.080	Wasteland
Eucalyptus	Leaves	107.9	0.38	0.30	0.042	Wasteland
Eucalyptus	Twigs	107.9	0.32	0.26	0.036	Wasteland
Eucalyptus	Bark	107.9	0.32	0.26	0.036	Wasteland
Eucalyptus	Branches	107.9	0.32	0.26	0.036	Wasteland
Catechu	Leaves	107.9	0.21	0.17	0.023	Wasteland
Catechu	Twigs	107.9	0.18	0.14	0.020	Wasteland
Catechu	Bark	107.9	0.18	0.14	0.020	Wasteland
Catechu	Branches	107.9	0.18	0.14	0.020	Wasteland
Bamboo	Leaves	107.9	0.028	0.022	0.0031	Wasteland
Total		107.9	149.0	119.2	16.7	

Taluk level Residue-wise Data for Santalpur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	85.7	29.7	23.8	3.3	Wasteland
Others	Twigs	85.7	25.5	20.4	2.9	Wasteland
Others	Bark	85.7	25.5	20.4	2.9	Wasteland
Others	Branches	85.7	25.5	20.4	2.9	Wasteland
Teak	Leaves	85.7	2.8	2.3	0.32	Wasteland
Teak	Twigs	85.7	2.4	1.9	0.27	Wasteland
Teak	Bark	85.7	2.4	1.9	0.27	Wasteland
Teak	Branches	85.7	2.4	1.9	0.27	Wasteland
Bamboo	Stalk	85.7	0.57	0.46	0.064	Wasteland
Eucalyptus	Leaves	85.7	0.30	0.24	0.033	Wasteland
Eucalyptus	Twigs	85.7	0.26	0.20	0.029	Wasteland
Eucalyptus	Bark	85.7	0.26	0.20	0.029	Wasteland
Eucalyptus	Branches	85.7	0.26	0.20	0.029	Wasteland
Catechu	Leaves	85.7	0.17	0.13	0.019	Wasteland
Catechu	Twigs	85.7	0.14	0.11	0.016	Wasteland
Catechu	Bark	85.7	0.14	0.11	0.016	Wasteland
Catechu	Branches	85.7	0.14	0.11	0.016	Wasteland
Bamboo	Leaves	85.7	0.022	0.018	0.0025	Wasteland
Total		85.7	118.4	94.7	13.3	

Taluk level Residue-wise Data for Sidhpur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.11	0.037	0.030	0.0042	Wasteland
Others	Twigs	0.11	0.032	0.026	0.0036	Wasteland
Others	Bark	0.11	0.032	0.026	0.0036	Wasteland
Others	Branches	0.11	0.032	0.026	0.0036	Wasteland
Teak	Leaves	0.11	0.0035	0.0028	0.00040	Wasteland
Teak	Twigs	0.11	0.0030	0.0024	0.00034	Wasteland
Teak	Bark	0.11	0.0030	0.0024	0.00034	Wasteland
Teak	Branches	0.11	0.0030	0.0024	0.00034	Wasteland
Bamboo	Stalk	0.11	0.00071	0.00057	8.01E-05	Wasteland
Eucalyptus	Leaves	0.11	0.00037	0.00030	4.19E-05	Wasteland
Eucalyptus	Twigs	0.11	0.00032	0.00026	3.59E-05	Wasteland
Eucalyptus	Bark	0.11	0.00032	0.00026	3.59E-05	Wasteland
Eucalyptus	Branches	0.11	0.00032	0.00026	3.59E-05	Wasteland
Catechu	Leaves	0.11	0.00021	0.00017	2.33E-05	Wasteland
Catechu	Twigs	0.11	0.00018	0.00014	2.00E-05	Wasteland
Catechu	Bark	0.11	0.00018	0.00014	2.00E-05	Wasteland
Catechu	Branches	0.11	0.00018	0.00014	2.00E-05	Wasteland
Bamboo	Leaves	0.11	2.78E-05	2.22E-05	3.11E-06	Wasteland
Total		0.11	0.15	0.12	0.017	

Taluk level Residue-wise Data for Kutiyaana ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	27.2	9.4	7.6	1.1	Wasteland
Others	Twigs	27.2	8.1	6.5	0.91	Wasteland
Others	Bark	27.2	8.1	6.5	0.91	Wasteland
Others	Branches	27.2	8.1	6.5	0.91	Wasteland
Teak	Leaves	27.2	0.90	0.72	0.10	Wasteland
Teak	Twigs	27.2	0.77	0.61	0.086	Wasteland
Teak	Bark	27.2	0.77	0.61	0.086	Wasteland
Teak	Branches	27.2	0.77	0.61	0.086	Wasteland
Bamboo	Stalk	27.2	0.18	0.14	0.020	Wasteland
Eucalyptus	Leaves	27.2	0.095	0.076	0.011	Wasteland
Eucalyptus	Twigs	27.2	0.081	0.065	0.0091	Wasteland
Eucalyptus	Bark	27.2	0.081	0.065	0.0091	Wasteland
Eucalyptus	Branches	27.2	0.081	0.065	0.0091	Wasteland
Catechu	Leaves	27.2	0.053	0.042	0.0059	Wasteland
Catechu	Twigs	27.2	0.045	0.036	0.0051	Wasteland
Catechu	Bark	27.2	0.045	0.036	0.0051	Wasteland
Catechu	Branches	27.2	0.045	0.036	0.0051	Wasteland
Bamboo	Leaves	27.2	0.0070	0.0056	0.00079	Wasteland
Total		27.2	37.6	30.1	4.2	

Taluk level Residue-wise Data for Porbandar ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	64.5	22.3	17.9	2.5	Wasteland
Others	Twigs	64.5	19.2	15.3	2.1	Wasteland
Others	Bark	64.5	19.2	15.3	2.1	Wasteland
Others	Branches	64.5	19.2	15.3	2.1	Wasteland
Teak	Leaves	64.5	2.1	1.7	0.24	Wasteland
Teak	Twigs	64.5	1.8	1.5	0.20	Wasteland
Teak	Bark	64.5	1.8	1.5	0.20	Wasteland
Teak	Branches	64.5	1.8	1.5	0.20	Wasteland
Bamboo	Stalk	64.5	0.43	0.34	0.048	Wasteland
Eucalyptus	Leaves	64.5	0.22	0.18	0.025	Wasteland
Eucalyptus	Twigs	64.5	0.19	0.15	0.022	Wasteland
Eucalyptus	Bark	64.5	0.19	0.15	0.022	Wasteland
Eucalyptus	Branches	64.5	0.19	0.15	0.022	Wasteland
Catechu	Leaves	64.5	0.12	0.100	0.014	Wasteland
Catechu	Twigs	64.5	0.11	0.086	0.012	Wasteland
Catechu	Bark	64.5	0.11	0.086	0.012	Wasteland
Catechu	Branches	64.5	0.11	0.086	0.012	Wasteland
Bamboo	Leaves	64.5	0.017	0.013	0.0019	Wasteland
Total		64.5	89.1	71.3	10.0	

Taluk level Residue-wise Data for Ranavav ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	23.6	8.2	6.5	0.92	Wasteland
Others	Twigs	23.6	7.0	5.6	0.78	Wasteland
Others	Bark	23.6	7.0	5.6	0.78	Wasteland
Others	Branches	23.6	7.0	5.6	0.78	Wasteland
Teak	Leaves	23.6	0.78	0.62	0.087	Wasteland
Teak	Twigs	23.6	0.66	0.53	0.074	Wasteland
Teak	Bark	23.6	0.66	0.53	0.074	Wasteland
Teak	Branches	23.6	0.66	0.53	0.074	Wasteland
Bamboo	Stalk	23.6	0.16	0.13	0.018	Wasteland
Eucalyptus	Leaves	23.6	0.082	0.066	0.0092	Wasteland
Eucalyptus	Twigs	23.6	0.070	0.056	0.0079	Wasteland
Eucalyptus	Bark	23.6	0.070	0.056	0.0079	Wasteland
Eucalyptus	Branches	23.6	0.070	0.056	0.0079	Wasteland
Catechu	Leaves	23.6	0.046	0.037	0.0051	Wasteland
Catechu	Twigs	23.6	0.039	0.031	0.0044	Wasteland
Catechu	Bark	23.6	0.039	0.031	0.0044	Wasteland
Catechu	Branches	23.6	0.039	0.031	0.0044	Wasteland
Bamboo	Leaves	23.6	0.0061	0.0049	0.00068	Wasteland
Total		23.6	32.6	26.1	3.7	

Taluk level Residue-wise Data for Dhoraji ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	23.1	8.0	5.3	0.74	Wasteland
Others	Twigs	23.1	6.9	4.5	0.63	Wasteland
Others	Bark	23.1	6.9	4.5	0.63	Wasteland
Others	Branches	23.1	6.9	4.5	0.63	Wasteland
Teak	Leaves	23.1	0.76	0.50	0.070	Wasteland
Teak	Twigs	23.1	0.65	0.43	0.060	Wasteland
Teak	Bark	23.1	0.65	0.43	0.060	Wasteland
Teak	Branches	23.1	0.65	0.43	0.060	Wasteland
Bamboo	Stalk	23.1	0.15	0.10	0.014	Wasteland
Eucalyptus	Leaves	23.1	0.080	0.053	0.0074	Wasteland
Eucalyptus	Twigs	23.1	0.069	0.046	0.0064	Wasteland
Eucalyptus	Bark	23.1	0.069	0.046	0.0064	Wasteland
Eucalyptus	Branches	23.1	0.069	0.046	0.0064	Wasteland
Catechu	Leaves	23.1	0.045	0.029	0.0041	Wasteland
Catechu	Twigs	23.1	0.038	0.025	0.0035	Wasteland
Catechu	Bark	23.1	0.038	0.025	0.0035	Wasteland
Catechu	Branches	23.1	0.038	0.025	0.0035	Wasteland
Bamboo	Leaves	23.1	0.0060	0.0039	0.00055	Wasteland
Total		23.1	31.9	21.1	2.9	

Taluk level Residue-wise Data for Gondal ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	59.4	20.6	13.6	1.9	Wasteland
Others	Twigs	59.4	17.6	11.7	1.6	Wasteland
Others	Bark	59.4	17.6	11.7	1.6	Wasteland
Others	Branches	59.4	17.6	11.7	1.6	Wasteland
Teak	Leaves	59.4	2.0	1.3	0.18	Wasteland
Teak	Twigs	59.4	1.7	1.1	0.15	Wasteland
Teak	Bark	59.4	1.7	1.1	0.15	Wasteland
Teak	Branches	59.4	1.7	1.1	0.15	Wasteland
Bamboo	Stalk	59.4	0.39	0.26	0.037	Wasteland
Eucalyptus	Leaves	59.4	0.21	0.14	0.019	Wasteland
Eucalyptus	Twigs	59.4	0.18	0.12	0.016	Wasteland
Eucalyptus	Bark	59.4	0.18	0.12	0.016	Wasteland
Eucalyptus	Branches	59.4	0.18	0.12	0.016	Wasteland
Catechu	Leaves	59.4	0.11	0.076	0.011	Wasteland
Catechu	Twigs	59.4	0.098	0.065	0.0091	Wasteland
Catechu	Bark	59.4	0.098	0.065	0.0091	Wasteland
Catechu	Branches	59.4	0.098	0.065	0.0091	Wasteland
Bamboo	Leaves	59.4	0.015	0.010	0.0014	Wasteland
Total		59.4	82.0	54.2	7.6	

Taluk level Residue-wise Data for Jamkandorna ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	43.3	15.0	9.9	1.4	Wasteland
Others	Twigs	43.3	12.9	8.5	1.2	Wasteland
Others	Bark	43.3	12.9	8.5	1.2	Wasteland
Others	Branches	43.3	12.9	8.5	1.2	Wasteland
Teak	Leaves	43.3	1.4	0.94	0.13	Wasteland
Teak	Twigs	43.3	1.2	0.81	0.11	Wasteland
Teak	Bark	43.3	1.2	0.81	0.11	Wasteland
Teak	Branches	43.3	1.2	0.81	0.11	Wasteland
Bamboo	Stalk	43.3	0.29	0.19	0.027	Wasteland
Eucalyptus	Leaves	43.3	0.15	0.100	0.014	Wasteland
Eucalyptus	Twigs	43.3	0.13	0.085	0.012	Wasteland
Eucalyptus	Bark	43.3	0.13	0.085	0.012	Wasteland
Eucalyptus	Branches	43.3	0.13	0.085	0.012	Wasteland
Catechu	Leaves	43.3	0.084	0.055	0.0078	Wasteland
Catechu	Twigs	43.3	0.072	0.047	0.0066	Wasteland
Catechu	Bark	43.3	0.072	0.047	0.0066	Wasteland
Catechu	Branches	43.3	0.072	0.047	0.0066	Wasteland
Bamboo	Leaves	43.3	0.011	0.0074	0.0010	Wasteland
Total		43.3	59.9	39.6	5.5	

Taluk level Residue-wise Data for Jasdan ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	86.6	30.0	19.8	2.8	Wasteland
Others	Twigs	86.6	25.7	17.0	2.4	Wasteland
Others	Bark	86.6	25.7	17.0	2.4	Wasteland
Others	Branches	86.6	25.7	17.0	2.4	Wasteland
Teak	Leaves	86.6	2.8	1.9	0.26	Wasteland
Teak	Twigs	86.6	2.4	1.6	0.23	Wasteland
Teak	Bark	86.6	2.4	1.6	0.23	Wasteland
Teak	Branches	86.6	2.4	1.6	0.23	Wasteland
Bamboo	Stalk	86.6	0.58	0.38	0.053	Wasteland
Eucalyptus	Leaves	86.6	0.30	0.20	0.028	Wasteland
Eucalyptus	Twigs	86.6	0.26	0.17	0.024	Wasteland
Eucalyptus	Bark	86.6	0.26	0.17	0.024	Wasteland
Eucalyptus	Branches	86.6	0.26	0.17	0.024	Wasteland
Catechu	Leaves	86.6	0.17	0.11	0.015	Wasteland
Catechu	Twigs	86.6	0.14	0.095	0.013	Wasteland
Catechu	Bark	86.6	0.14	0.095	0.013	Wasteland
Catechu	Branches	86.6	0.14	0.095	0.013	Wasteland
Bamboo	Leaves	86.6	0.022	0.015	0.0021	Wasteland
Total		86.6	119.6	79.0	11.1	

Taluk level Residue-wise Data for Jetpur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	33.6	11.6	7.7	1.1	Wasteland
Others	Twigs	33.6	10.0	6.6	0.92	Wasteland
Others	Bark	33.6	10.0	6.6	0.92	Wasteland
Others	Branches	33.6	10.0	6.6	0.92	Wasteland
Teak	Leaves	33.6	1.1	0.73	0.10	Wasteland
Teak	Twigs	33.6	0.95	0.63	0.088	Wasteland
Teak	Bark	33.6	0.95	0.63	0.088	Wasteland
Teak	Branches	33.6	0.95	0.63	0.088	Wasteland
Bamboo	Stalk	33.6	0.22	0.15	0.021	Wasteland
Eucalyptus	Leaves	33.6	0.12	0.077	0.011	Wasteland
Eucalyptus	Twigs	33.6	0.10	0.066	0.0093	Wasteland
Eucalyptus	Bark	33.6	0.10	0.066	0.0093	Wasteland
Eucalyptus	Branches	33.6	0.10	0.066	0.0093	Wasteland
Catechu	Leaves	33.6	0.065	0.043	0.0060	Wasteland
Catechu	Twigs	33.6	0.056	0.037	0.0052	Wasteland
Catechu	Bark	33.6	0.056	0.037	0.0052	Wasteland
Catechu	Branches	33.6	0.056	0.037	0.0052	Wasteland
Bamboo	Leaves	33.6	0.0087	0.0057	0.00080	Wasteland
Total		33.6	46.4	30.7	4.3	

Taluk level Residue-wise Data for Kotdasangani ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	27.4	9.5	6.3	0.88	Wasteland
Others	Twigs	27.4	8.1	5.4	0.75	Wasteland
Others	Bark	27.4	8.1	5.4	0.75	Wasteland
Others	Branches	27.4	8.1	5.4	0.75	Wasteland
Teak	Leaves	27.4	0.90	0.60	0.083	Wasteland
Teak	Twigs	27.4	0.77	0.51	0.071	Wasteland
Teak	Bark	27.4	0.77	0.51	0.071	Wasteland
Teak	Branches	27.4	0.77	0.51	0.071	Wasteland
Bamboo	Stalk	27.4	0.18	0.12	0.017	Wasteland
Eucalyptus	Leaves	27.4	0.095	0.063	0.0088	Wasteland
Eucalyptus	Twigs	27.4	0.082	0.054	0.0076	Wasteland
Eucalyptus	Bark	27.4	0.082	0.054	0.0076	Wasteland
Eucalyptus	Branches	27.4	0.082	0.054	0.0076	Wasteland
Catechu	Leaves	27.4	0.053	0.035	0.0049	Wasteland
Catechu	Twigs	27.4	0.045	0.030	0.0042	Wasteland
Catechu	Bark	27.4	0.045	0.030	0.0042	Wasteland
Catechu	Branches	27.4	0.045	0.030	0.0042	Wasteland
Bamboo	Leaves	27.4	0.0071	0.0047	0.00066	Wasteland
Total		27.4	37.8	25.0	3.5	

Taluk level Residue-wise Data for Lodhika ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.82	0.29	0.19	0.026	Wasteland
Others	Twigs	0.82	0.24	0.16	0.023	Wasteland
Others	Bark	0.82	0.24	0.16	0.023	Wasteland
Others	Branches	0.82	0.24	0.16	0.023	Wasteland
Teak	Leaves	0.82	0.027	0.018	0.0025	Wasteland
Teak	Twigs	0.82	0.023	0.015	0.0021	Wasteland
Teak	Bark	0.82	0.023	0.015	0.0021	Wasteland
Teak	Branches	0.82	0.023	0.015	0.0021	Wasteland
Bamboo	Stalk	0.82	0.0055	0.0036	0.00051	Wasteland
Eucalyptus	Leaves	0.82	0.0029	0.0019	0.00027	Wasteland
Eucalyptus	Twigs	0.82	0.0025	0.0016	0.00023	Wasteland
Eucalyptus	Bark	0.82	0.0025	0.0016	0.00023	Wasteland
Eucalyptus	Branches	0.82	0.0025	0.0016	0.00023	Wasteland
Catechu	Leaves	0.82	0.0016	0.0011	0.00015	Wasteland
Catechu	Twigs	0.82	0.0014	0.00090	0.00013	Wasteland
Catechu	Bark	0.82	0.0014	0.00090	0.00013	Wasteland
Catechu	Branches	0.82	0.0014	0.00090	0.00013	Wasteland
Bamboo	Leaves	0.82	0.00021	0.00014	1.97E-05	Wasteland
Total		0.82	1.1	0.75	0.11	

Taluk level Residue-wise Data for Maliya ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	60.9	21.1	14.0	2.0	Wasteland
Others	Twigs	60.9	18.1	12.0	1.7	Wasteland
Others	Bark	60.9	18.1	12.0	1.7	Wasteland
Others	Branches	60.9	18.1	12.0	1.7	Wasteland
Teak	Leaves	60.9	2.0	1.3	0.19	Wasteland
Teak	Twigs	60.9	1.7	1.1	0.16	Wasteland
Teak	Bark	60.9	1.7	1.1	0.16	Wasteland
Teak	Branches	60.9	1.7	1.1	0.16	Wasteland
Bamboo	Stalk	60.9	0.40	0.27	0.037	Wasteland
Eucalyptus	Leaves	60.9	0.21	0.14	0.020	Wasteland
Eucalyptus	Twigs	60.9	0.18	0.12	0.017	Wasteland
Eucalyptus	Bark	60.9	0.18	0.12	0.017	Wasteland
Eucalyptus	Branches	60.9	0.18	0.12	0.017	Wasteland
Catechu	Leaves	60.9	0.12	0.078	0.011	Wasteland
Catechu	Twigs	60.9	0.10	0.067	0.0093	Wasteland
Catechu	Bark	60.9	0.10	0.067	0.0093	Wasteland
Catechu	Branches	60.9	0.10	0.067	0.0093	Wasteland
Bamboo	Leaves	60.9	0.016	0.010	0.0015	Wasteland
Total		60.9	84.1	55.6	7.8	

Taluk level Residue-wise Data for Morvi ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	99.9	34.6	22.9	3.2	Wasteland
Others	Twigs	99.9	29.7	19.6	2.7	Wasteland
Others	Bark	99.9	29.7	19.6	2.7	Wasteland
Others	Branches	99.9	29.7	19.6	2.7	Wasteland
Teak	Leaves	99.9	3.3	2.2	0.30	Wasteland
Teak	Twigs	99.9	2.8	1.9	0.26	Wasteland
Teak	Bark	99.9	2.8	1.9	0.26	Wasteland
Teak	Branches	99.9	2.8	1.9	0.26	Wasteland
Bamboo	Stalk	99.9	0.66	0.44	0.061	Wasteland
Eucalyptus	Leaves	99.9	0.35	0.23	0.032	Wasteland
Eucalyptus	Twigs	99.9	0.30	0.20	0.028	Wasteland
Eucalyptus	Bark	99.9	0.30	0.20	0.028	Wasteland
Eucalyptus	Branches	99.9	0.30	0.20	0.028	Wasteland
Catechu	Leaves	99.9	0.19	0.13	0.018	Wasteland
Catechu	Twigs	99.9	0.17	0.11	0.015	Wasteland
Catechu	Bark	99.9	0.17	0.11	0.015	Wasteland
Catechu	Branches	99.9	0.17	0.11	0.015	Wasteland
Bamboo	Leaves	99.9	0.026	0.017	0.0024	Wasteland
Total		99.9	138.0	91.2	12.8	

Taluk level Residue-wise Data for Paddhari ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	30.9	10.7	7.1	0.99	Wasteland
Others	Twigs	30.9	9.2	6.1	0.85	Wasteland
Others	Bark	30.9	9.2	6.1	0.85	Wasteland
Others	Branches	30.9	9.2	6.1	0.85	Wasteland
Teak	Leaves	30.9	1.0	0.67	0.094	Wasteland
Teak	Twigs	30.9	0.87	0.58	0.081	Wasteland
Teak	Bark	30.9	0.87	0.58	0.081	Wasteland
Teak	Branches	30.9	0.87	0.58	0.081	Wasteland
Bamboo	Stalk	30.9	0.21	0.14	0.019	Wasteland
Eucalyptus	Leaves	30.9	0.11	0.071	0.0100	Wasteland
Eucalyptus	Twigs	30.9	0.092	0.061	0.0085	Wasteland
Eucalyptus	Bark	30.9	0.092	0.061	0.0085	Wasteland
Eucalyptus	Branches	30.9	0.092	0.061	0.0085	Wasteland
Catechu	Leaves	30.9	0.060	0.040	0.0055	Wasteland
Catechu	Twigs	30.9	0.051	0.034	0.0047	Wasteland
Catechu	Bark	30.9	0.051	0.034	0.0047	Wasteland
Catechu	Branches	30.9	0.051	0.034	0.0047	Wasteland
Bamboo	Leaves	30.9	0.0080	0.0053	0.00074	Wasteland
Total		30.9	42.7	28.2	4.0	

Taluk level Residue-wise Data for Rajkot ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	67.2	23.3	15.4	2.2	Wasteland
Others	Twigs	67.2	19.9	13.2	1.8	Wasteland
Others	Bark	67.2	19.9	13.2	1.8	Wasteland
Others	Branches	67.2	19.9	13.2	1.8	Wasteland
Teak	Leaves	67.2	2.2	1.5	0.20	Wasteland
Teak	Twigs	67.2	1.9	1.3	0.18	Wasteland
Teak	Bark	67.2	1.9	1.3	0.18	Wasteland
Teak	Branches	67.2	1.9	1.3	0.18	Wasteland
Bamboo	Stalk	67.2	0.45	0.30	0.041	Wasteland
Eucalyptus	Leaves	67.2	0.23	0.15	0.022	Wasteland
Eucalyptus	Twigs	67.2	0.20	0.13	0.019	Wasteland
Eucalyptus	Bark	67.2	0.20	0.13	0.019	Wasteland
Eucalyptus	Branches	67.2	0.20	0.13	0.019	Wasteland
Catechu	Leaves	67.2	0.13	0.086	0.012	Wasteland
Catechu	Twigs	67.2	0.11	0.074	0.010	Wasteland
Catechu	Bark	67.2	0.11	0.074	0.010	Wasteland
Catechu	Branches	67.2	0.11	0.074	0.010	Wasteland
Bamboo	Leaves	67.2	0.017	0.011	0.0016	Wasteland
Total		67.2	92.8	61.3	8.6	

Taluk level Residue-wise Data for Tankara ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.7	0.93	0.61	0.086	Wasteland
Others	Twigs	2.7	0.79	0.52	0.073	Wasteland
Others	Bark	2.7	0.79	0.52	0.073	Wasteland
Others	Branches	2.7	0.79	0.52	0.073	Wasteland
Teak	Leaves	2.7	0.088	0.058	0.0081	Wasteland
Teak	Twigs	2.7	0.075	0.050	0.0070	Wasteland
Teak	Bark	2.7	0.075	0.050	0.0070	Wasteland
Teak	Branches	2.7	0.075	0.050	0.0070	Wasteland
Bamboo	Stalk	2.7	0.018	0.012	0.0016	Wasteland
Eucalyptus	Leaves	2.7	0.0093	0.0061	0.00086	Wasteland
Eucalyptus	Twigs	2.7	0.0080	0.0053	0.00074	Wasteland
Eucalyptus	Bark	2.7	0.0080	0.0053	0.00074	Wasteland
Eucalyptus	Branches	2.7	0.0080	0.0053	0.00074	Wasteland
Catechu	Leaves	2.7	0.0052	0.0034	0.00048	Wasteland
Catechu	Twigs	2.7	0.0044	0.0029	0.00041	Wasteland
Catechu	Bark	2.7	0.0044	0.0029	0.00041	Wasteland
Catechu	Branches	2.7	0.0044	0.0029	0.00041	Wasteland
Bamboo	Leaves	2.7	0.00069	0.00046	6.39E-05	Wasteland
Total		2.7	3.7	2.4	0.34	

Taluk level Residue-wise Data for Upleta ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	64.4	22.3	14.8	2.1	Wasteland
Others	Twigs	64.4	19.1	12.7	1.8	Wasteland
Others	Bark	64.4	19.1	12.7	1.8	Wasteland
Others	Branches	64.4	19.1	12.7	1.8	Wasteland
Teak	Leaves	64.4	2.1	1.4	0.20	Wasteland
Teak	Twigs	64.4	1.8	1.2	0.17	Wasteland
Teak	Bark	64.4	1.8	1.2	0.17	Wasteland
Teak	Branches	64.4	1.8	1.2	0.17	Wasteland
Bamboo	Stalk	64.4	0.43	0.28	0.040	Wasteland
Eucalyptus	Leaves	64.4	0.22	0.15	0.021	Wasteland
Eucalyptus	Twigs	64.4	0.19	0.13	0.018	Wasteland
Eucalyptus	Bark	64.4	0.19	0.13	0.018	Wasteland
Eucalyptus	Branches	64.4	0.19	0.13	0.018	Wasteland
Catechu	Leaves	64.4	0.12	0.082	0.012	Wasteland
Catechu	Twigs	64.4	0.11	0.071	0.0099	Wasteland
Catechu	Bark	64.4	0.11	0.071	0.0099	Wasteland
Catechu	Branches	64.4	0.11	0.071	0.0099	Wasteland
Bamboo	Leaves	64.4	0.017	0.011	0.0015	Wasteland
Total		64.4	89.0	58.8	8.2	

Taluk level Residue-wise Data for Vankaner ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	87.1	30.2	19.9	2.8	Wasteland
Others	Twigs	87.1	25.9	17.1	2.4	Wasteland
Others	Bark	87.1	25.9	17.1	2.4	Wasteland
Others	Branches	87.1	25.9	17.1	2.4	Wasteland
Teak	Leaves	87.1	2.9	1.9	0.26	Wasteland
Teak	Twigs	87.1	2.5	1.6	0.23	Wasteland
Teak	Bark	87.1	2.5	1.6	0.23	Wasteland
Teak	Branches	87.1	2.5	1.6	0.23	Wasteland
Bamboo	Stalk	87.1	0.58	0.38	0.054	Wasteland
Eucalyptus	Leaves	87.1	0.30	0.20	0.028	Wasteland
Eucalyptus	Twigs	87.1	0.26	0.17	0.024	Wasteland
Eucalyptus	Bark	87.1	0.26	0.17	0.024	Wasteland
Eucalyptus	Branches	87.1	0.26	0.17	0.024	Wasteland
Catechu	Leaves	87.1	0.17	0.11	0.016	Wasteland
Catechu	Twigs	87.1	0.14	0.095	0.013	Wasteland
Catechu	Bark	87.1	0.14	0.095	0.013	Wasteland
Catechu	Branches	87.1	0.14	0.095	0.013	Wasteland
Bamboo	Leaves	87.1	0.023	0.015	0.0021	Wasteland
Total		87.1	120.3	79.5	11.1	

Taluk level Residue-wise Data for Bayad ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	9.4	3.3	2.2	0.30	Wasteland
Others	Twigs	9.4	2.8	1.9	0.26	Wasteland
Others	Bark	9.4	2.8	1.9	0.26	Wasteland
Others	Branches	9.4	2.8	1.9	0.26	Wasteland
Teak	Leaves	9.4	0.31	0.21	0.029	Wasteland
Teak	Twigs	9.4	0.27	0.18	0.025	Wasteland
Teak	Bark	9.4	0.27	0.18	0.025	Wasteland
Teak	Branches	9.4	0.27	0.18	0.025	Wasteland
Bamboo	Stalk	9.4	0.063	0.041	0.0058	Wasteland
Eucalyptus	Leaves	9.4	0.033	0.022	0.0030	Wasteland
Eucalyptus	Twigs	9.4	0.028	0.019	0.0026	Wasteland
Eucalyptus	Bark	9.4	0.028	0.019	0.0026	Wasteland
Eucalyptus	Branches	9.4	0.028	0.019	0.0026	Wasteland
Catechu	Leaves	9.4	0.018	0.012	0.0017	Wasteland
Catechu	Twigs	9.4	0.016	0.010	0.0014	Wasteland
Catechu	Bark	9.4	0.016	0.010	0.0014	Wasteland
Catechu	Branches	9.4	0.016	0.010	0.0014	Wasteland
Bamboo	Leaves	9.4	0.0024	0.0016	0.00023	Wasteland
Total		9.4	13.0	8.6	1.2	

Taluk level Residue-wise Data for Bhiloda ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	8.5	3.0	2.0	0.27	Wasteland
Others	Twigs	8.5	2.5	1.7	0.23	Wasteland
Others	Bark	8.5	2.5	1.7	0.23	Wasteland
Others	Branches	8.5	2.5	1.7	0.23	Wasteland
Teak	Leaves	8.5	0.28	0.19	0.026	Wasteland
Teak	Twigs	8.5	0.24	0.16	0.022	Wasteland
Teak	Bark	8.5	0.24	0.16	0.022	Wasteland
Teak	Branches	8.5	0.24	0.16	0.022	Wasteland
Bamboo	Stalk	8.5	0.057	0.038	0.0053	Wasteland
Eucalyptus	Leaves	8.5	0.030	0.020	0.0028	Wasteland
Eucalyptus	Twigs	8.5	0.025	0.017	0.0024	Wasteland
Eucalyptus	Bark	8.5	0.025	0.017	0.0024	Wasteland
Eucalyptus	Branches	8.5	0.025	0.017	0.0024	Wasteland
Catechu	Leaves	8.5	0.017	0.011	0.0015	Wasteland
Catechu	Twigs	8.5	0.014	0.0094	0.0013	Wasteland
Catechu	Bark	8.5	0.014	0.0094	0.0013	Wasteland
Catechu	Branches	8.5	0.014	0.0094	0.0013	Wasteland
Bamboo	Leaves	8.5	0.0022	0.0015	0.00020	Wasteland
Total		8.5	11.8	7.8	1.1	

Taluk level Residue-wise Data for Dhansura ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	6.4	2.2	1.5	0.21	Wasteland
Others	Twigs	6.4	1.9	1.3	0.18	Wasteland
Others	Bark	6.4	1.9	1.3	0.18	Wasteland
Others	Branches	6.4	1.9	1.3	0.18	Wasteland
Teak	Leaves	6.4	0.21	0.14	0.020	Wasteland
Teak	Twigs	6.4	0.18	0.12	0.017	Wasteland
Teak	Bark	6.4	0.18	0.12	0.017	Wasteland
Teak	Branches	6.4	0.18	0.12	0.017	Wasteland
Bamboo	Stalk	6.4	0.043	0.028	0.0040	Wasteland
Eucalyptus	Leaves	6.4	0.022	0.015	0.0021	Wasteland
Eucalyptus	Twigs	6.4	0.019	0.013	0.0018	Wasteland
Eucalyptus	Bark	6.4	0.019	0.013	0.0018	Wasteland
Eucalyptus	Branches	6.4	0.019	0.013	0.0018	Wasteland
Catechu	Leaves	6.4	0.012	0.0082	0.0012	Wasteland
Catechu	Twigs	6.4	0.011	0.0071	0.00099	Wasteland
Catechu	Bark	6.4	0.011	0.0071	0.00099	Wasteland
Catechu	Branches	6.4	0.011	0.0071	0.00099	Wasteland
Bamboo	Leaves	6.4	0.0017	0.0011	0.00015	Wasteland
Total		6.4	8.9	5.9	0.82	

Taluk level Residue-wise Data for Himatnagar ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.1	0.74	0.49	0.068	Wasteland
Others	Twigs	2.1	0.63	0.42	0.058	Wasteland
Others	Bark	2.1	0.63	0.42	0.058	Wasteland
Others	Branches	2.1	0.63	0.42	0.058	Wasteland
Teak	Leaves	2.1	0.070	0.046	0.0065	Wasteland
Teak	Twigs	2.1	0.060	0.040	0.0055	Wasteland
Teak	Bark	2.1	0.060	0.040	0.0055	Wasteland
Teak	Branches	2.1	0.060	0.040	0.0055	Wasteland
Bamboo	Stalk	2.1	0.014	0.0093	0.0013	Wasteland
Eucalyptus	Leaves	2.1	0.0074	0.0049	0.00068	Wasteland
Eucalyptus	Twigs	2.1	0.0063	0.0042	0.00059	Wasteland
Eucalyptus	Bark	2.1	0.0063	0.0042	0.00059	Wasteland
Eucalyptus	Branches	2.1	0.0063	0.0042	0.00059	Wasteland
Catechu	Leaves	2.1	0.0041	0.0027	0.00038	Wasteland
Catechu	Twigs	2.1	0.0035	0.0023	0.00033	Wasteland
Catechu	Bark	2.1	0.0035	0.0023	0.00033	Wasteland
Catechu	Branches	2.1	0.0035	0.0023	0.00033	Wasteland
Bamboo	Leaves	2.1	0.00055	0.00036	5.09E-05	Wasteland
Total		2.1	2.9	1.9	0.27	

Taluk level Residue-wise Data for Idar ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	4.8	1.6	1.1	0.15	Wasteland
Others	Twigs	4.8	1.4	0.93	0.13	Wasteland
Others	Bark	4.8	1.4	0.93	0.13	Wasteland
Others	Branches	4.8	1.4	0.93	0.13	Wasteland
Teak	Leaves	4.8	0.16	0.10	0.014	Wasteland
Teak	Twigs	4.8	0.13	0.088	0.012	Wasteland
Teak	Bark	4.8	0.13	0.088	0.012	Wasteland
Teak	Branches	4.8	0.13	0.088	0.012	Wasteland
Bamboo	Stalk	4.8	0.032	0.021	0.0029	Wasteland
Eucalyptus	Leaves	4.8	0.017	0.011	0.0015	Wasteland
Eucalyptus	Twigs	4.8	0.014	0.0094	0.0013	Wasteland
Eucalyptus	Bark	4.8	0.014	0.0094	0.0013	Wasteland
Eucalyptus	Branches	4.8	0.014	0.0094	0.0013	Wasteland
Catechu	Leaves	4.8	0.0092	0.0061	0.00085	Wasteland
Catechu	Twigs	4.8	0.0079	0.0052	0.00073	Wasteland
Catechu	Bark	4.8	0.0079	0.0052	0.00073	Wasteland
Catechu	Branches	4.8	0.0079	0.0052	0.00073	Wasteland
Bamboo	Leaves	4.8	0.0012	0.00081	0.00011	Wasteland
Total		4.8	6.6	4.3	0.61	

Taluk level Residue-wise Data for Khedbrahma ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	23.6	8.2	5.4	0.76	Wasteland
Others	Twigs	23.6	7.0	4.6	0.65	Wasteland
Others	Bark	23.6	7.0	4.6	0.65	Wasteland
Others	Branches	23.6	7.0	4.6	0.65	Wasteland
Teak	Leaves	23.6	0.77	0.51	0.072	Wasteland
Teak	Twigs	23.6	0.66	0.44	0.061	Wasteland
Teak	Bark	23.6	0.66	0.44	0.061	Wasteland
Teak	Branches	23.6	0.66	0.44	0.061	Wasteland
Bamboo	Stalk	23.6	0.16	0.10	0.014	Wasteland
Eucalyptus	Leaves	23.6	0.082	0.054	0.0076	Wasteland
Eucalyptus	Twigs	23.6	0.070	0.046	0.0065	Wasteland
Eucalyptus	Bark	23.6	0.070	0.046	0.0065	Wasteland
Eucalyptus	Branches	23.6	0.070	0.046	0.0065	Wasteland
Catechu	Leaves	23.6	0.046	0.030	0.0042	Wasteland
Catechu	Twigs	23.6	0.039	0.026	0.0036	Wasteland
Catechu	Bark	23.6	0.039	0.026	0.0036	Wasteland
Catechu	Branches	23.6	0.039	0.026	0.0036	Wasteland
Bamboo	Leaves	23.6	0.0061	0.0040	0.00056	Wasteland
Total		23.6	32.6	21.5	3.0	

Taluk level Residue-wise Data for Malpur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.00016	5.61E-05	3.71E-05	5.20E-06	Wasteland
Others	Twigs	0.00016	4.81E-05	3.18E-05	4.45E-06	Wasteland
Others	Bark	0.00016	4.81E-05	3.18E-05	4.45E-06	Wasteland
Others	Branches	0.00016	4.81E-05	3.18E-05	4.45E-06	Wasteland
Teak	Leaves	0.00016	5.33E-06	3.52E-06	4.93E-07	Wasteland
Teak	Twigs	0.00016	4.57E-06	3.02E-06	4.22E-07	Wasteland
Teak	Bark	0.00016	4.57E-06	3.02E-06	4.22E-07	Wasteland
Teak	Branches	0.00016	4.57E-06	3.02E-06	4.22E-07	Wasteland
Bamboo	Stalk	0.00016	1.08E-06	7.12E-07	9.97E-08	Wasteland
Eucalyptus	Leaves	0.00016	5.64E-07	3.73E-07	5.22E-08	Wasteland
Eucalyptus	Twigs	0.00016	4.83E-07	3.20E-07	4.47E-08	Wasteland
Eucalyptus	Bark	0.00016	4.83E-07	3.20E-07	4.47E-08	Wasteland
Eucalyptus	Branches	0.00016	4.83E-07	3.20E-07	4.47E-08	Wasteland
Catechu	Leaves	0.00016	3.13E-07	2.07E-07	2.90E-08	Wasteland
Catechu	Twigs	0.00016	2.69E-07	1.78E-07	2.49E-08	Wasteland
Catechu	Bark	0.00016	2.69E-07	1.78E-07	2.49E-08	Wasteland
Catechu	Branches	0.00016	2.69E-07	1.78E-07	2.49E-08	Wasteland
Bamboo	Leaves	0.00016	4.19E-08	2.77E-08	3.88E-09	Wasteland
Total		0.00016	0.00022	0.00015	2.07E-05	

Taluk level Residue-wise Data for Meghraj ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.4	0.48	0.32	0.045	Wasteland
Others	Twigs	1.4	0.41	0.27	0.038	Wasteland
Others	Bark	1.4	0.41	0.27	0.038	Wasteland
Others	Branches	1.4	0.41	0.27	0.038	Wasteland
Teak	Leaves	1.4	0.046	0.030	0.0042	Wasteland
Teak	Twigs	1.4	0.039	0.026	0.0036	Wasteland
Teak	Bark	1.4	0.039	0.026	0.0036	Wasteland
Teak	Branches	1.4	0.039	0.026	0.0036	Wasteland
Bamboo	Stalk	1.4	0.0093	0.0061	0.00086	Wasteland
Eucalyptus	Leaves	1.4	0.0048	0.0032	0.00045	Wasteland
Eucalyptus	Twigs	1.4	0.0042	0.0027	0.00038	Wasteland
Eucalyptus	Bark	1.4	0.0042	0.0027	0.00038	Wasteland
Eucalyptus	Branches	1.4	0.0042	0.0027	0.00038	Wasteland
Catechu	Leaves	1.4	0.0027	0.0018	0.00025	Wasteland
Catechu	Twigs	1.4	0.0023	0.0015	0.00021	Wasteland
Catechu	Bark	1.4	0.0023	0.0015	0.00021	Wasteland
Catechu	Branches	1.4	0.0023	0.0015	0.00021	Wasteland
Bamboo	Leaves	1.4	0.00036	0.00024	3.33E-05	Wasteland
Total		1.4	1.9	1.3	0.18	

Taluk level Residue-wise Data for Modasa ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.8	0.95	0.63	0.088	Wasteland
Others	Twigs	2.8	0.82	0.54	0.076	Wasteland
Others	Bark	2.8	0.82	0.54	0.076	Wasteland
Others	Branches	2.8	0.82	0.54	0.076	Wasteland
Teak	Leaves	2.8	0.090	0.060	0.0084	Wasteland
Teak	Twigs	2.8	0.078	0.051	0.0072	Wasteland
Teak	Bark	2.8	0.078	0.051	0.0072	Wasteland
Teak	Branches	2.8	0.078	0.051	0.0072	Wasteland
Bamboo	Stalk	2.8	0.018	0.012	0.0017	Wasteland
Eucalyptus	Leaves	2.8	0.0096	0.0063	0.00089	Wasteland
Eucalyptus	Twigs	2.8	0.0082	0.0054	0.00076	Wasteland
Eucalyptus	Bark	2.8	0.0082	0.0054	0.00076	Wasteland
Eucalyptus	Branches	2.8	0.0082	0.0054	0.00076	Wasteland
Catechu	Leaves	2.8	0.0053	0.0035	0.00049	Wasteland
Catechu	Twigs	2.8	0.0046	0.0030	0.00042	Wasteland
Catechu	Bark	2.8	0.0046	0.0030	0.00042	Wasteland
Catechu	Branches	2.8	0.0046	0.0030	0.00042	Wasteland
Bamboo	Leaves	2.8	0.00071	0.00047	6.58E-05	Wasteland
Total		2.8	3.8	2.5	0.35	

Taluk level Residue-wise Data for Prantij ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.28	0.098	0.065	0.0091	Wasteland
Others	Twigs	0.28	0.084	0.055	0.0078	Wasteland
Others	Bark	0.28	0.084	0.055	0.0078	Wasteland
Others	Branches	0.28	0.084	0.055	0.0078	Wasteland
Teak	Leaves	0.28	0.0093	0.0061	0.00086	Wasteland
Teak	Twigs	0.28	0.0080	0.0053	0.00074	Wasteland
Teak	Bark	0.28	0.0080	0.0053	0.00074	Wasteland
Teak	Branches	0.28	0.0080	0.0053	0.00074	Wasteland
Bamboo	Stalk	0.28	0.0019	0.0012	0.00017	Wasteland
Eucalyptus	Leaves	0.28	0.00098	0.00065	9.09E-05	Wasteland
Eucalyptus	Twigs	0.28	0.00084	0.00056	7.79E-05	Wasteland
Eucalyptus	Bark	0.28	0.00084	0.00056	7.79E-05	Wasteland
Eucalyptus	Branches	0.28	0.00084	0.00056	7.79E-05	Wasteland
Catechu	Leaves	0.28	0.00055	0.00036	5.05E-05	Wasteland
Catechu	Twigs	0.28	0.00047	0.00031	4.33E-05	Wasteland
Catechu	Bark	0.28	0.00047	0.00031	4.33E-05	Wasteland
Catechu	Branches	0.28	0.00047	0.00031	4.33E-05	Wasteland
Bamboo	Leaves	0.28	7.30E-05	4.82E-05	6.75E-06	Wasteland
Total		0.28	0.39	0.26	0.036	

Taluk level Residue-wise Data for Talod ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.3	0.45	0.30	0.042	Wasteland
Others	Twigs	1.3	0.39	0.26	0.036	Wasteland
Others	Bark	1.3	0.39	0.26	0.036	Wasteland
Others	Branches	1.3	0.39	0.26	0.036	Wasteland
Teak	Leaves	1.3	0.043	0.028	0.0040	Wasteland
Teak	Twigs	1.3	0.037	0.024	0.0034	Wasteland
Teak	Bark	1.3	0.037	0.024	0.0034	Wasteland
Teak	Branches	1.3	0.037	0.024	0.0034	Wasteland
Bamboo	Stalk	1.3	0.0087	0.0057	0.00080	Wasteland
Eucalyptus	Leaves	1.3	0.0046	0.0030	0.00042	Wasteland
Eucalyptus	Twigs	1.3	0.0039	0.0026	0.00036	Wasteland
Eucalyptus	Bark	1.3	0.0039	0.0026	0.00036	Wasteland
Eucalyptus	Branches	1.3	0.0039	0.0026	0.00036	Wasteland
Catechu	Leaves	1.3	0.0025	0.0017	0.00023	Wasteland
Catechu	Twigs	1.3	0.0022	0.0014	0.00020	Wasteland
Catechu	Bark	1.3	0.0022	0.0014	0.00020	Wasteland
Catechu	Branches	1.3	0.0022	0.0014	0.00020	Wasteland
Bamboo	Leaves	1.3	0.00034	0.00022	3.13E-05	Wasteland
Total		1.3	1.8	1.2	0.17	

Taluk level Residue-wise Data for Vadali ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.5	0.87	0.58	0.081	Wasteland
Others	Twigs	2.5	0.75	0.49	0.069	Wasteland
Others	Bark	2.5	0.75	0.49	0.069	Wasteland
Others	Branches	2.5	0.75	0.49	0.069	Wasteland
Teak	Leaves	2.5	0.083	0.055	0.0077	Wasteland
Teak	Twigs	2.5	0.071	0.047	0.0066	Wasteland
Teak	Bark	2.5	0.071	0.047	0.0066	Wasteland
Teak	Branches	2.5	0.071	0.047	0.0066	Wasteland
Bamboo	Stalk	2.5	0.017	0.011	0.0016	Wasteland
Eucalyptus	Leaves	2.5	0.0088	0.0058	0.00081	Wasteland
Eucalyptus	Twigs	2.5	0.0075	0.0050	0.00070	Wasteland
Eucalyptus	Bark	2.5	0.0075	0.0050	0.00070	Wasteland
Eucalyptus	Branches	2.5	0.0075	0.0050	0.00070	Wasteland
Catechu	Leaves	2.5	0.0049	0.0032	0.00045	Wasteland
Catechu	Twigs	2.5	0.0042	0.0028	0.00039	Wasteland
Catechu	Bark	2.5	0.0042	0.0028	0.00039	Wasteland
Catechu	Branches	2.5	0.0042	0.0028	0.00039	Wasteland
Bamboo	Leaves	2.5	0.00065	0.00043	6.03E-05	Wasteland
Total		2.5	3.5	2.3	0.32	

Taluk level Residue-wise Data for Vijaynagar ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	3.1	1.1	0.71	0.100	Wasteland
Others	Twigs	3.1	0.92	0.61	0.086	Wasteland
Others	Bark	3.1	0.92	0.61	0.086	Wasteland
Others	Branches	3.1	0.92	0.61	0.086	Wasteland
Teak	Leaves	3.1	0.10	0.068	0.0095	Wasteland
Teak	Twigs	3.1	0.088	0.058	0.0081	Wasteland
Teak	Bark	3.1	0.088	0.058	0.0081	Wasteland
Teak	Branches	3.1	0.088	0.058	0.0081	Wasteland
Bamboo	Stalk	3.1	0.021	0.014	0.0019	Wasteland
Eucalyptus	Leaves	3.1	0.011	0.0072	0.0010	Wasteland
Eucalyptus	Twigs	3.1	0.0093	0.0061	0.00086	Wasteland
Eucalyptus	Bark	3.1	0.0093	0.0061	0.00086	Wasteland
Eucalyptus	Branches	3.1	0.0093	0.0061	0.00086	Wasteland
Catechu	Leaves	3.1	0.0060	0.0040	0.00056	Wasteland
Catechu	Twigs	3.1	0.0052	0.0034	0.00048	Wasteland
Catechu	Bark	3.1	0.0052	0.0034	0.00048	Wasteland
Catechu	Branches	3.1	0.0052	0.0034	0.00048	Wasteland
Bamboo	Leaves	3.1	0.00080	0.00053	7.45E-05	Wasteland
Total		3.1	4.3	2.8	0.40	

Taluk level Residue-wise Data for Bardoli ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.0	0.35	0.23	0.033	Wasteland
Others	Twigs	1.0	0.30	0.20	0.028	Wasteland
Others	Bark	1.0	0.30	0.20	0.028	Wasteland
Others	Branches	1.0	0.30	0.20	0.028	Wasteland
Teak	Leaves	1.0	0.033	0.022	0.0031	Wasteland
Teak	Twigs	1.0	0.029	0.019	0.0026	Wasteland
Teak	Bark	1.0	0.029	0.019	0.0026	Wasteland
Teak	Branches	1.0	0.029	0.019	0.0026	Wasteland
Bamboo	Stalk	1.0	0.0067	0.0045	0.00062	Wasteland
Eucalyptus	Leaves	1.0	0.0035	0.0023	0.00033	Wasteland
Eucalyptus	Twigs	1.0	0.0030	0.0020	0.00028	Wasteland
Eucalyptus	Bark	1.0	0.0030	0.0020	0.00028	Wasteland
Eucalyptus	Branches	1.0	0.0030	0.0020	0.00028	Wasteland
Catechu	Leaves	1.0	0.0020	0.0013	0.00018	Wasteland
Catechu	Twigs	1.0	0.0017	0.0011	0.00016	Wasteland
Catechu	Bark	1.0	0.0017	0.0011	0.00016	Wasteland
Catechu	Branches	1.0	0.0017	0.0011	0.00016	Wasteland
Bamboo	Leaves	1.0	0.00026	0.00017	2.43E-05	Wasteland
Total		1.0	1.4	0.93	0.13	

Taluk level Residue-wise Data for Choryasi ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	5.1	1.8	1.2	0.16	Wasteland
Others	Twigs	5.1	1.5	1.0	0.14	Wasteland
Others	Bark	5.1	1.5	1.0	0.14	Wasteland
Others	Branches	5.1	1.5	1.0	0.14	Wasteland
Teak	Leaves	5.1	0.17	0.11	0.016	Wasteland
Teak	Twigs	5.1	0.14	0.096	0.013	Wasteland
Teak	Bark	5.1	0.14	0.096	0.013	Wasteland
Teak	Branches	5.1	0.14	0.096	0.013	Wasteland
Bamboo	Stalk	5.1	0.034	0.023	0.0032	Wasteland
Eucalyptus	Leaves	5.1	0.018	0.012	0.0017	Wasteland
Eucalyptus	Twigs	5.1	0.015	0.010	0.0014	Wasteland
Eucalyptus	Bark	5.1	0.015	0.010	0.0014	Wasteland
Eucalyptus	Branches	5.1	0.015	0.010	0.0014	Wasteland
Catechu	Leaves	5.1	0.0099	0.0066	0.00092	Wasteland
Catechu	Twigs	5.1	0.0085	0.0056	0.00079	Wasteland
Catechu	Bark	5.1	0.0085	0.0056	0.00079	Wasteland
Catechu	Branches	5.1	0.0085	0.0056	0.00079	Wasteland
Bamboo	Leaves	5.1	0.0013	0.00088	0.00012	Wasteland
Total		5.1	7.1	4.7	0.66	

Taluk level Residue-wise Data for Kamrej ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.4	0.82	0.54	0.076	Wasteland
Others	Twigs	2.4	0.70	0.46	0.065	Wasteland
Others	Bark	2.4	0.70	0.46	0.065	Wasteland
Others	Branches	2.4	0.70	0.46	0.065	Wasteland
Teak	Leaves	2.4	0.078	0.051	0.0072	Wasteland
Teak	Twigs	2.4	0.067	0.044	0.0062	Wasteland
Teak	Bark	2.4	0.067	0.044	0.0062	Wasteland
Teak	Branches	2.4	0.067	0.044	0.0062	Wasteland
Bamboo	Stalk	2.4	0.016	0.010	0.0015	Wasteland
Eucalyptus	Leaves	2.4	0.0082	0.0054	0.00076	Wasteland
Eucalyptus	Twigs	2.4	0.0071	0.0047	0.00065	Wasteland
Eucalyptus	Bark	2.4	0.0071	0.0047	0.00065	Wasteland
Eucalyptus	Branches	2.4	0.0071	0.0047	0.00065	Wasteland
Catechu	Leaves	2.4	0.0046	0.0030	0.00042	Wasteland
Catechu	Twigs	2.4	0.0039	0.0026	0.00036	Wasteland
Catechu	Bark	2.4	0.0039	0.0026	0.00036	Wasteland
Catechu	Branches	2.4	0.0039	0.0026	0.00036	Wasteland
Bamboo	Leaves	2.4	0.00061	0.00040	5.66E-05	Wasteland
Total		2.4	3.3	2.2	0.30	

Taluk level Residue-wise Data for Mahuva ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	5.0	1.7	1.1	0.16	Wasteland
Others	Twigs	5.0	1.5	0.97	0.14	Wasteland
Others	Bark	5.0	1.5	0.97	0.14	Wasteland
Others	Branches	5.0	1.5	0.97	0.14	Wasteland
Teak	Leaves	5.0	0.16	0.11	0.015	Wasteland
Teak	Twigs	5.0	0.14	0.092	0.013	Wasteland
Teak	Bark	5.0	0.14	0.092	0.013	Wasteland
Teak	Branches	5.0	0.14	0.092	0.013	Wasteland
Bamboo	Stalk	5.0	0.033	0.022	0.0031	Wasteland
Eucalyptus	Leaves	5.0	0.017	0.011	0.0016	Wasteland
Eucalyptus	Twigs	5.0	0.015	0.0098	0.0014	Wasteland
Eucalyptus	Bark	5.0	0.015	0.0098	0.0014	Wasteland
Eucalyptus	Branches	5.0	0.015	0.0098	0.0014	Wasteland
Catechu	Leaves	5.0	0.0096	0.0063	0.00089	Wasteland
Catechu	Twigs	5.0	0.0082	0.0054	0.00076	Wasteland
Catechu	Bark	5.0	0.0082	0.0054	0.00076	Wasteland
Catechu	Branches	5.0	0.0082	0.0054	0.00076	Wasteland
Bamboo	Leaves	5.0	0.0013	0.00085	0.00012	Wasteland
Total		5.0	6.9	4.5	0.63	

Taluk level Residue-wise Data for Mandvi ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	21.8	7.5	5.0	0.70	Wasteland
Others	Twigs	21.8	6.5	4.3	0.60	Wasteland
Others	Bark	21.8	6.5	4.3	0.60	Wasteland
Others	Branches	21.8	6.5	4.3	0.60	Wasteland
Teak	Leaves	21.8	0.72	0.47	0.066	Wasteland
Teak	Twigs	21.8	0.61	0.41	0.057	Wasteland
Teak	Bark	21.8	0.61	0.41	0.057	Wasteland
Teak	Branches	21.8	0.61	0.41	0.057	Wasteland
Bamboo	Stalk	21.8	0.14	0.096	0.013	Wasteland
Eucalyptus	Leaves	21.8	0.076	0.050	0.0070	Wasteland
Eucalyptus	Twigs	21.8	0.065	0.043	0.0060	Wasteland
Eucalyptus	Bark	21.8	0.065	0.043	0.0060	Wasteland
Eucalyptus	Branches	21.8	0.065	0.043	0.0060	Wasteland
Catechu	Leaves	21.8	0.042	0.028	0.0039	Wasteland
Catechu	Twigs	21.8	0.036	0.024	0.0033	Wasteland
Catechu	Bark	21.8	0.036	0.024	0.0033	Wasteland
Catechu	Branches	21.8	0.036	0.024	0.0033	Wasteland
Bamboo	Leaves	21.8	0.0056	0.0037	0.00052	Wasteland
Total		21.8	30.1	19.9	2.8	

Taluk level Residue-wise Data for Mangrol ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	20.6	7.1	4.7	0.66	Wasteland
Others	Twigs	20.6	6.1	4.0	0.56	Wasteland
Others	Bark	20.6	6.1	4.0	0.56	Wasteland
Others	Branches	20.6	6.1	4.0	0.56	Wasteland
Teak	Leaves	20.6	0.68	0.45	0.063	Wasteland
Teak	Twigs	20.6	0.58	0.38	0.054	Wasteland
Teak	Bark	20.6	0.58	0.38	0.054	Wasteland
Teak	Branches	20.6	0.58	0.38	0.054	Wasteland
Bamboo	Stalk	20.6	0.14	0.090	0.013	Wasteland
Eucalyptus	Leaves	20.6	0.072	0.047	0.0066	Wasteland
Eucalyptus	Twigs	20.6	0.061	0.041	0.0057	Wasteland
Eucalyptus	Bark	20.6	0.061	0.041	0.0057	Wasteland
Eucalyptus	Branches	20.6	0.061	0.041	0.0057	Wasteland
Catechu	Leaves	20.6	0.040	0.026	0.0037	Wasteland
Catechu	Twigs	20.6	0.034	0.023	0.0032	Wasteland
Catechu	Bark	20.6	0.034	0.023	0.0032	Wasteland
Catechu	Branches	20.6	0.034	0.023	0.0032	Wasteland
Bamboo	Leaves	20.6	0.0053	0.0035	0.00049	Wasteland
Total		20.6	28.4	18.8	2.6	

Taluk level Residue-wise Data for Nizar ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.0	0.71	0.47	0.065	Wasteland
Others	Twigs	2.0	0.61	0.40	0.056	Wasteland
Others	Bark	2.0	0.61	0.40	0.056	Wasteland
Others	Branches	2.0	0.61	0.40	0.056	Wasteland
Teak	Leaves	2.0	0.067	0.044	0.0062	Wasteland
Teak	Twigs	2.0	0.057	0.038	0.0053	Wasteland
Teak	Bark	2.0	0.057	0.038	0.0053	Wasteland
Teak	Branches	2.0	0.057	0.038	0.0053	Wasteland
Bamboo	Stalk	2.0	0.014	0.0090	0.0013	Wasteland
Eucalyptus	Leaves	2.0	0.0071	0.0047	0.00066	Wasteland
Eucalyptus	Twigs	2.0	0.0061	0.0040	0.00056	Wasteland
Eucalyptus	Bark	2.0	0.0061	0.0040	0.00056	Wasteland
Eucalyptus	Branches	2.0	0.0061	0.0040	0.00056	Wasteland
Catechu	Leaves	2.0	0.0039	0.0026	0.00036	Wasteland
Catechu	Twigs	2.0	0.0034	0.0022	0.00031	Wasteland
Catechu	Bark	2.0	0.0034	0.0022	0.00031	Wasteland
Catechu	Branches	2.0	0.0034	0.0022	0.00031	Wasteland
Bamboo	Leaves	2.0	0.00053	0.00035	4.88E-05	Wasteland
Total		2.0	2.8	1.9	0.26	

Taluk level Residue-wise Data for Olpad ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	6.4	2.2	1.5	0.20	Wasteland
Others	Twigs	6.4	1.9	1.2	0.17	Wasteland
Others	Bark	6.4	1.9	1.2	0.17	Wasteland
Others	Branches	6.4	1.9	1.2	0.17	Wasteland
Teak	Leaves	6.4	0.21	0.14	0.019	Wasteland
Teak	Twigs	6.4	0.18	0.12	0.017	Wasteland
Teak	Bark	6.4	0.18	0.12	0.017	Wasteland
Teak	Branches	6.4	0.18	0.12	0.017	Wasteland
Bamboo	Stalk	6.4	0.042	0.028	0.0039	Wasteland
Eucalyptus	Leaves	6.4	0.022	0.015	0.0020	Wasteland
Eucalyptus	Twigs	6.4	0.019	0.013	0.0018	Wasteland
Eucalyptus	Bark	6.4	0.019	0.013	0.0018	Wasteland
Eucalyptus	Branches	6.4	0.019	0.013	0.0018	Wasteland
Catechu	Leaves	6.4	0.012	0.0081	0.0011	Wasteland
Catechu	Twigs	6.4	0.011	0.0070	0.00097	Wasteland
Catechu	Bark	6.4	0.011	0.0070	0.00097	Wasteland
Catechu	Branches	6.4	0.011	0.0070	0.00097	Wasteland
Bamboo	Leaves	6.4	0.0016	0.0011	0.00015	Wasteland
Total		6.4	8.8	5.8	0.81	

Taluk level Residue-wise Data for Palsana ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.76	0.26	0.17	0.024	Wasteland
Others	Twigs	0.76	0.22	0.15	0.021	Wasteland
Others	Bark	0.76	0.22	0.15	0.021	Wasteland
Others	Branches	0.76	0.22	0.15	0.021	Wasteland
Teak	Leaves	0.76	0.025	0.016	0.0023	Wasteland
Teak	Twigs	0.76	0.021	0.014	0.0020	Wasteland
Teak	Bark	0.76	0.021	0.014	0.0020	Wasteland
Teak	Branches	0.76	0.021	0.014	0.0020	Wasteland
Bamboo	Stalk	0.76	0.0050	0.0033	0.00046	Wasteland
Eucalyptus	Leaves	0.76	0.0026	0.0017	0.00024	Wasteland
Eucalyptus	Twigs	0.76	0.0023	0.0015	0.00021	Wasteland
Eucalyptus	Bark	0.76	0.0023	0.0015	0.00021	Wasteland
Eucalyptus	Branches	0.76	0.0023	0.0015	0.00021	Wasteland
Catechu	Leaves	0.76	0.0015	0.00097	0.00014	Wasteland
Catechu	Twigs	0.76	0.0013	0.00083	0.00012	Wasteland
Catechu	Bark	0.76	0.0013	0.00083	0.00012	Wasteland
Catechu	Branches	0.76	0.0013	0.00083	0.00012	Wasteland
Bamboo	Leaves	0.76	0.00020	0.00013	1.81E-05	Wasteland
Total		0.76	1.0	0.69	0.097	

Taluk level Residue-wise Data for Sonagadh ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	41.6	14.4	11.5	1.6	Wasteland
Others	Twigs	41.6	12.4	9.9	1.4	Wasteland
Others	Bark	41.6	12.4	9.9	1.4	Wasteland
Others	Branches	41.6	12.4	9.9	1.4	Wasteland
Teak	Leaves	41.6	1.4	1.1	0.15	Wasteland
Teak	Twigs	41.6	1.2	0.94	0.13	Wasteland
Teak	Bark	41.6	1.2	0.94	0.13	Wasteland
Teak	Branches	41.6	1.2	0.94	0.13	Wasteland
Bamboo	Stalk	41.6	0.28	0.22	0.031	Wasteland
Eucalyptus	Leaves	41.6	0.14	0.12	0.016	Wasteland
Eucalyptus	Twigs	41.6	0.12	0.099	0.014	Wasteland
Eucalyptus	Bark	41.6	0.12	0.099	0.014	Wasteland
Eucalyptus	Branches	41.6	0.12	0.099	0.014	Wasteland
Catechu	Leaves	41.6	0.080	0.064	0.0090	Wasteland
Catechu	Twigs	41.6	0.069	0.055	0.0077	Wasteland
Catechu	Bark	41.6	0.069	0.055	0.0077	Wasteland
Catechu	Branches	41.6	0.069	0.055	0.0077	Wasteland
Bamboo	Leaves	41.6	0.011	0.0086	0.0012	Wasteland
Total		41.6	57.5	46.0	6.4	

Taluk level Residue-wise Data for Surat City ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	0.73	0.25	0.17	0.023	Wasteland
Others	Twigs	0.73	0.22	0.14	0.020	Wasteland
Others	Bark	0.73	0.22	0.14	0.020	Wasteland
Others	Branches	0.73	0.22	0.14	0.020	Wasteland
Teak	Leaves	0.73	0.024	0.016	0.0022	Wasteland
Teak	Twigs	0.73	0.021	0.014	0.0019	Wasteland
Teak	Bark	0.73	0.021	0.014	0.0019	Wasteland
Teak	Branches	0.73	0.021	0.014	0.0019	Wasteland
Bamboo	Stalk	0.73	0.0049	0.0032	0.00045	Wasteland
Eucalyptus	Leaves	0.73	0.0025	0.0017	0.00024	Wasteland
Eucalyptus	Twigs	0.73	0.0022	0.0014	0.00020	Wasteland
Eucalyptus	Bark	0.73	0.0022	0.0014	0.00020	Wasteland
Eucalyptus	Branches	0.73	0.0022	0.0014	0.00020	Wasteland
Catechu	Leaves	0.73	0.0014	0.00094	0.00013	Wasteland
Catechu	Twigs	0.73	0.0012	0.00080	0.00011	Wasteland
Catechu	Bark	0.73	0.0012	0.00080	0.00011	Wasteland
Catechu	Branches	0.73	0.0012	0.00080	0.00011	Wasteland
Bamboo	Leaves	0.73	0.00019	0.00013	1.75E-05	Wasteland
Total		0.73	1.0	0.67	0.094	

Taluk level Residue-wise Data for Uchchhal ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.4	0.84	0.56	0.078	Wasteland
Others	Twigs	2.4	0.72	0.48	0.067	Wasteland
Others	Bark	2.4	0.72	0.48	0.067	Wasteland
Others	Branches	2.4	0.72	0.48	0.067	Wasteland
Teak	Leaves	2.4	0.080	0.053	0.0074	Wasteland
Teak	Twigs	2.4	0.069	0.045	0.0063	Wasteland
Teak	Bark	2.4	0.069	0.045	0.0063	Wasteland
Teak	Branches	2.4	0.069	0.045	0.0063	Wasteland
Bamboo	Stalk	2.4	0.016	0.011	0.0015	Wasteland
Eucalyptus	Leaves	2.4	0.0085	0.0056	0.00078	Wasteland
Eucalyptus	Twigs	2.4	0.0073	0.0048	0.00067	Wasteland
Eucalyptus	Bark	2.4	0.0073	0.0048	0.00067	Wasteland
Eucalyptus	Branches	2.4	0.0073	0.0048	0.00067	Wasteland
Catechu	Leaves	2.4	0.0047	0.0031	0.00044	Wasteland
Catechu	Twigs	2.4	0.0040	0.0027	0.00037	Wasteland
Catechu	Bark	2.4	0.0040	0.0027	0.00037	Wasteland
Catechu	Branches	2.4	0.0040	0.0027	0.00037	Wasteland
Bamboo	Leaves	2.4	0.00063	0.00042	5.82E-05	Wasteland
Total		2.4	3.4	2.2	0.31	

Taluk level Residue-wise Data for Umarpada ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	10.4	3.6	2.4	0.33	Wasteland
Others	Twigs	10.4	3.1	2.0	0.28	Wasteland
Others	Bark	10.4	3.1	2.0	0.28	Wasteland
Others	Branches	10.4	3.1	2.0	0.28	Wasteland
Teak	Leaves	10.4	0.34	0.22	0.031	Wasteland
Teak	Twigs	10.4	0.29	0.19	0.027	Wasteland
Teak	Bark	10.4	0.29	0.19	0.027	Wasteland
Teak	Branches	10.4	0.29	0.19	0.027	Wasteland
Bamboo	Stalk	10.4	0.069	0.045	0.0064	Wasteland
Eucalyptus	Leaves	10.4	0.036	0.024	0.0033	Wasteland
Eucalyptus	Twigs	10.4	0.031	0.020	0.0029	Wasteland
Eucalyptus	Bark	10.4	0.031	0.020	0.0029	Wasteland
Eucalyptus	Branches	10.4	0.031	0.020	0.0029	Wasteland
Catechu	Leaves	10.4	0.020	0.013	0.0019	Wasteland
Catechu	Twigs	10.4	0.017	0.011	0.0016	Wasteland
Catechu	Bark	10.4	0.017	0.011	0.0016	Wasteland
Catechu	Branches	10.4	0.017	0.011	0.0016	Wasteland
Bamboo	Leaves	10.4	0.0027	0.0018	0.00025	Wasteland
Total		10.4	14.3	9.5	1.3	

Taluk level Residue-wise Data for Valod ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.1	0.74	0.49	0.069	Wasteland
Others	Twigs	2.1	0.64	0.42	0.059	Wasteland
Others	Bark	2.1	0.64	0.42	0.059	Wasteland
Others	Branches	2.1	0.64	0.42	0.059	Wasteland
Teak	Leaves	2.1	0.070	0.046	0.0065	Wasteland
Teak	Twigs	2.1	0.060	0.040	0.0056	Wasteland
Teak	Bark	2.1	0.060	0.040	0.0056	Wasteland
Teak	Branches	2.1	0.060	0.040	0.0056	Wasteland
Bamboo	Stalk	2.1	0.014	0.0094	0.0013	Wasteland
Eucalyptus	Leaves	2.1	0.0074	0.0049	0.00069	Wasteland
Eucalyptus	Twigs	2.1	0.0064	0.0042	0.00059	Wasteland
Eucalyptus	Bark	2.1	0.0064	0.0042	0.00059	Wasteland
Eucalyptus	Branches	2.1	0.0064	0.0042	0.00059	Wasteland
Catechu	Leaves	2.1	0.0041	0.0027	0.00038	Wasteland
Catechu	Twigs	2.1	0.0035	0.0023	0.00033	Wasteland
Catechu	Bark	2.1	0.0035	0.0023	0.00033	Wasteland
Catechu	Branches	2.1	0.0035	0.0023	0.00033	Wasteland
Bamboo	Leaves	2.1	0.00055	0.00037	5.12E-05	Wasteland
Total		2.1	3.0	2.0	0.27	

Taluk level Residue-wise Data for Vyara ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	32.1	11.1	7.3	1.0	Wasteland
Others	Twigs	32.1	9.5	6.3	0.88	Wasteland
Others	Bark	32.1	9.5	6.3	0.88	Wasteland
Others	Branches	32.1	9.5	6.3	0.88	Wasteland
Teak	Leaves	32.1	1.1	0.70	0.098	Wasteland
Teak	Twigs	32.1	0.90	0.60	0.084	Wasteland
Teak	Bark	32.1	0.90	0.60	0.084	Wasteland
Teak	Branches	32.1	0.90	0.60	0.084	Wasteland
Bamboo	Stalk	32.1	0.21	0.14	0.020	Wasteland
Eucalyptus	Leaves	32.1	0.11	0.074	0.010	Wasteland
Eucalyptus	Twigs	32.1	0.096	0.063	0.0089	Wasteland
Eucalyptus	Bark	32.1	0.096	0.063	0.0089	Wasteland
Eucalyptus	Branches	32.1	0.096	0.063	0.0089	Wasteland
Catechu	Leaves	32.1	0.062	0.041	0.0057	Wasteland
Catechu	Twigs	32.1	0.053	0.035	0.0049	Wasteland
Catechu	Bark	32.1	0.053	0.035	0.0049	Wasteland
Catechu	Branches	32.1	0.053	0.035	0.0049	Wasteland
Bamboo	Leaves	32.1	0.0083	0.0055	0.00077	Wasteland
Total		32.1	44.3	29.3	4.1	

Taluk level Residue-wise Data for Chotila ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	87.8	30.4	20.1	2.8	Wasteland
Others	Twigs	87.8	26.1	17.2	2.4	Wasteland
Others	Bark	87.8	26.1	17.2	2.4	Wasteland
Others	Branches	87.8	26.1	17.2	2.4	Wasteland
Teak	Leaves	87.8	2.9	1.9	0.27	Wasteland
Teak	Twigs	87.8	2.5	1.6	0.23	Wasteland
Teak	Bark	87.8	2.5	1.6	0.23	Wasteland
Teak	Branches	87.8	2.5	1.6	0.23	Wasteland
Bamboo	Stalk	87.8	0.58	0.39	0.054	Wasteland
Eucalyptus	Leaves	87.8	0.31	0.20	0.028	Wasteland
Eucalyptus	Twigs	87.8	0.26	0.17	0.024	Wasteland
Eucalyptus	Bark	87.8	0.26	0.17	0.024	Wasteland
Eucalyptus	Branches	87.8	0.26	0.17	0.024	Wasteland
Catechu	Leaves	87.8	0.17	0.11	0.016	Wasteland
Catechu	Twigs	87.8	0.15	0.096	0.013	Wasteland
Catechu	Bark	87.8	0.15	0.096	0.013	Wasteland
Catechu	Branches	87.8	0.15	0.096	0.013	Wasteland
Bamboo	Leaves	87.8	0.023	0.015	0.0021	Wasteland
Total		87.8	121.3	80.2	11.2	

Taluk level Residue-wise Data for Chuda ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	15.4	5.3	3.5	0.49	Wasteland
Others	Twigs	15.4	4.6	3.0	0.42	Wasteland
Others	Bark	15.4	4.6	3.0	0.42	Wasteland
Others	Branches	15.4	4.6	3.0	0.42	Wasteland
Teak	Leaves	15.4	0.51	0.33	0.047	Wasteland
Teak	Twigs	15.4	0.43	0.29	0.040	Wasteland
Teak	Bark	15.4	0.43	0.29	0.040	Wasteland
Teak	Branches	15.4	0.43	0.29	0.040	Wasteland
Bamboo	Stalk	15.4	0.10	0.068	0.0095	Wasteland
Eucalyptus	Leaves	15.4	0.054	0.035	0.0050	Wasteland
Eucalyptus	Twigs	15.4	0.046	0.030	0.0043	Wasteland
Eucalyptus	Bark	15.4	0.046	0.030	0.0043	Wasteland
Eucalyptus	Branches	15.4	0.046	0.030	0.0043	Wasteland
Catechu	Leaves	15.4	0.030	0.020	0.0028	Wasteland
Catechu	Twigs	15.4	0.026	0.017	0.0024	Wasteland
Catechu	Bark	15.4	0.026	0.017	0.0024	Wasteland
Catechu	Branches	15.4	0.026	0.017	0.0024	Wasteland
Bamboo	Leaves	15.4	0.0040	0.0026	0.00037	Wasteland
Total		15.4	21.3	14.1	2.0	

Taluk level Residue-wise Data for Dasada ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	104.2	36.1	23.9	3.3	Wasteland
Others	Twigs	104.2	31.0	20.5	2.9	Wasteland
Others	Bark	104.2	31.0	20.5	2.9	Wasteland
Others	Branches	104.2	31.0	20.5	2.9	Wasteland
Teak	Leaves	104.2	3.4	2.3	0.32	Wasteland
Teak	Twigs	104.2	2.9	1.9	0.27	Wasteland
Teak	Bark	104.2	2.9	1.9	0.27	Wasteland
Teak	Branches	104.2	2.9	1.9	0.27	Wasteland
Bamboo	Stalk	104.2	0.69	0.46	0.064	Wasteland
Eucalyptus	Leaves	104.2	0.36	0.24	0.034	Wasteland
Eucalyptus	Twigs	104.2	0.31	0.21	0.029	Wasteland
Eucalyptus	Bark	104.2	0.31	0.21	0.029	Wasteland
Eucalyptus	Branches	104.2	0.31	0.21	0.029	Wasteland
Catechu	Leaves	104.2	0.20	0.13	0.019	Wasteland
Catechu	Twigs	104.2	0.17	0.11	0.016	Wasteland
Catechu	Bark	104.2	0.17	0.11	0.016	Wasteland
Catechu	Branches	104.2	0.17	0.11	0.016	Wasteland
Bamboo	Leaves	104.2	0.027	0.018	0.0025	Wasteland
Total		104.2	144.0	95.2	13.3	

Taluk level Residue-wise Data for Dhrangadhra ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	44.2	15.3	10.1	1.4	Wasteland
Others	Twigs	44.2	13.1	8.7	1.2	Wasteland
Others	Bark	44.2	13.1	8.7	1.2	Wasteland
Others	Branches	44.2	13.1	8.7	1.2	Wasteland
Teak	Leaves	44.2	1.5	0.96	0.13	Wasteland
Teak	Twigs	44.2	1.2	0.82	0.12	Wasteland
Teak	Bark	44.2	1.2	0.82	0.12	Wasteland
Teak	Branches	44.2	1.2	0.82	0.12	Wasteland
Bamboo	Stalk	44.2	0.29	0.19	0.027	Wasteland
Eucalyptus	Leaves	44.2	0.15	0.10	0.014	Wasteland
Eucalyptus	Twigs	44.2	0.13	0.087	0.012	Wasteland
Eucalyptus	Bark	44.2	0.13	0.087	0.012	Wasteland
Eucalyptus	Branches	44.2	0.13	0.087	0.012	Wasteland
Catechu	Leaves	44.2	0.085	0.056	0.0079	Wasteland
Catechu	Twigs	44.2	0.073	0.048	0.0068	Wasteland
Catechu	Bark	44.2	0.073	0.048	0.0068	Wasteland
Catechu	Branches	44.2	0.073	0.048	0.0068	Wasteland
Bamboo	Leaves	44.2	0.011	0.0075	0.0011	Wasteland
Total		44.2	61.0	40.3	5.6	

Taluk level Residue-wise Data for Halvad ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	47.5	16.4	10.9	1.5	Wasteland
Others	Twigs	47.5	14.1	9.3	1.3	Wasteland
Others	Bark	47.5	14.1	9.3	1.3	Wasteland
Others	Branches	47.5	14.1	9.3	1.3	Wasteland
Teak	Leaves	47.5	1.6	1.0	0.14	Wasteland
Teak	Twigs	47.5	1.3	0.88	0.12	Wasteland
Teak	Bark	47.5	1.3	0.88	0.12	Wasteland
Teak	Branches	47.5	1.3	0.88	0.12	Wasteland
Bamboo	Stalk	47.5	0.32	0.21	0.029	Wasteland
Eucalyptus	Leaves	47.5	0.17	0.11	0.015	Wasteland
Eucalyptus	Twigs	47.5	0.14	0.094	0.013	Wasteland
Eucalyptus	Bark	47.5	0.14	0.094	0.013	Wasteland
Eucalyptus	Branches	47.5	0.14	0.094	0.013	Wasteland
Catechu	Leaves	47.5	0.092	0.061	0.0085	Wasteland
Catechu	Twigs	47.5	0.079	0.052	0.0073	Wasteland
Catechu	Bark	47.5	0.079	0.052	0.0073	Wasteland
Catechu	Branches	47.5	0.079	0.052	0.0073	Wasteland
Bamboo	Leaves	47.5	0.012	0.0081	0.0011	Wasteland
Total		47.5	65.5	43.3	6.1	

Taluk level Residue-wise Data for Lakhtar ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	32.3	11.2	7.4	1.0	Wasteland
Others	Twigs	32.3	9.6	6.3	0.89	Wasteland
Others	Bark	32.3	9.6	6.3	0.89	Wasteland
Others	Branches	32.3	9.6	6.3	0.89	Wasteland
Teak	Leaves	32.3	1.1	0.70	0.098	Wasteland
Teak	Twigs	32.3	0.91	0.60	0.084	Wasteland
Teak	Bark	32.3	0.91	0.60	0.084	Wasteland
Teak	Branches	32.3	0.91	0.60	0.084	Wasteland
Bamboo	Stalk	32.3	0.21	0.14	0.020	Wasteland
Eucalyptus	Leaves	32.3	0.11	0.074	0.010	Wasteland
Eucalyptus	Twigs	32.3	0.096	0.064	0.0089	Wasteland
Eucalyptus	Bark	32.3	0.096	0.064	0.0089	Wasteland
Eucalyptus	Branches	32.3	0.096	0.064	0.0089	Wasteland
Catechu	Leaves	32.3	0.062	0.041	0.0058	Wasteland
Catechu	Twigs	32.3	0.053	0.035	0.0049	Wasteland
Catechu	Bark	32.3	0.053	0.035	0.0049	Wasteland
Catechu	Branches	32.3	0.053	0.035	0.0049	Wasteland
Bamboo	Leaves	32.3	0.0083	0.0055	0.00077	Wasteland
Total		32.3	44.6	29.5	4.1	

Taluk level Residue-wise Data for Limbdi ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	49.9	17.3	11.4	1.6	Wasteland
Others	Twigs	49.9	14.8	9.8	1.4	Wasteland
Others	Bark	49.9	14.8	9.8	1.4	Wasteland
Others	Branches	49.9	14.8	9.8	1.4	Wasteland
Teak	Leaves	49.9	1.6	1.1	0.15	Wasteland
Teak	Twigs	49.9	1.4	0.93	0.13	Wasteland
Teak	Bark	49.9	1.4	0.93	0.13	Wasteland
Teak	Branches	49.9	1.4	0.93	0.13	Wasteland
Bamboo	Stalk	49.9	0.33	0.22	0.031	Wasteland
Eucalyptus	Leaves	49.9	0.17	0.11	0.016	Wasteland
Eucalyptus	Twigs	49.9	0.15	0.098	0.014	Wasteland
Eucalyptus	Bark	49.9	0.15	0.098	0.014	Wasteland
Eucalyptus	Branches	49.9	0.15	0.098	0.014	Wasteland
Catechu	Leaves	49.9	0.096	0.064	0.0089	Wasteland
Catechu	Twigs	49.9	0.083	0.055	0.0077	Wasteland
Catechu	Bark	49.9	0.083	0.055	0.0077	Wasteland
Catechu	Branches	49.9	0.083	0.055	0.0077	Wasteland
Bamboo	Leaves	49.9	0.013	0.0085	0.0012	Wasteland
Total		49.9	68.9	45.6	6.4	

Taluk level Residue-wise Data for Muli ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	23.4	8.1	5.4	0.75	Wasteland
Others	Twigs	23.4	6.9	4.6	0.64	Wasteland
Others	Bark	23.4	6.9	4.6	0.64	Wasteland
Others	Branches	23.4	6.9	4.6	0.64	Wasteland
Teak	Leaves	23.4	0.77	0.51	0.071	Wasteland
Teak	Twigs	23.4	0.66	0.44	0.061	Wasteland
Teak	Bark	23.4	0.66	0.44	0.061	Wasteland
Teak	Branches	23.4	0.66	0.44	0.061	Wasteland
Bamboo	Stalk	23.4	0.16	0.10	0.014	Wasteland
Eucalyptus	Leaves	23.4	0.081	0.054	0.0075	Wasteland
Eucalyptus	Twigs	23.4	0.070	0.046	0.0065	Wasteland
Eucalyptus	Bark	23.4	0.070	0.046	0.0065	Wasteland
Eucalyptus	Branches	23.4	0.070	0.046	0.0065	Wasteland
Catechu	Leaves	23.4	0.045	0.030	0.0042	Wasteland
Catechu	Twigs	23.4	0.039	0.026	0.0036	Wasteland
Catechu	Bark	23.4	0.039	0.026	0.0036	Wasteland
Catechu	Branches	23.4	0.039	0.026	0.0036	Wasteland
Bamboo	Leaves	23.4	0.0060	0.0040	0.00056	Wasteland
Total		23.4	32.3	21.4	3.0	

Taluk level Residue-wise Data for Sayla ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	60.2	20.9	13.8	1.9	Wasteland
Others	Twigs	60.2	17.9	11.8	1.7	Wasteland
Others	Bark	60.2	17.9	11.8	1.7	Wasteland
Others	Branches	60.2	17.9	11.8	1.7	Wasteland
Teak	Leaves	60.2	2.0	1.3	0.18	Wasteland
Teak	Twigs	60.2	1.7	1.1	0.16	Wasteland
Teak	Bark	60.2	1.7	1.1	0.16	Wasteland
Teak	Branches	60.2	1.7	1.1	0.16	Wasteland
Bamboo	Stalk	60.2	0.40	0.26	0.037	Wasteland
Eucalyptus	Leaves	60.2	0.21	0.14	0.019	Wasteland
Eucalyptus	Twigs	60.2	0.18	0.12	0.017	Wasteland
Eucalyptus	Bark	60.2	0.18	0.12	0.017	Wasteland
Eucalyptus	Branches	60.2	0.18	0.12	0.017	Wasteland
Catechu	Leaves	60.2	0.12	0.077	0.011	Wasteland
Catechu	Twigs	60.2	0.100	0.066	0.0092	Wasteland
Catechu	Bark	60.2	0.100	0.066	0.0092	Wasteland
Catechu	Branches	60.2	0.100	0.066	0.0092	Wasteland
Bamboo	Leaves	60.2	0.016	0.010	0.0014	Wasteland
Total		60.2	83.2	55.0	7.7	

Taluk level Residue-wise Data for Vadhvan ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	18.1	6.3	4.1	0.58	Wasteland
Others	Twigs	18.1	5.4	3.6	0.50	Wasteland
Others	Bark	18.1	5.4	3.6	0.50	Wasteland
Others	Branches	18.1	5.4	3.6	0.50	Wasteland
Teak	Leaves	18.1	0.60	0.39	0.055	Wasteland
Teak	Twigs	18.1	0.51	0.34	0.047	Wasteland
Teak	Bark	18.1	0.51	0.34	0.047	Wasteland
Teak	Branches	18.1	0.51	0.34	0.047	Wasteland
Bamboo	Stalk	18.1	0.12	0.080	0.011	Wasteland
Eucalyptus	Leaves	18.1	0.063	0.042	0.0058	Wasteland
Eucalyptus	Twigs	18.1	0.054	0.036	0.0050	Wasteland
Eucalyptus	Bark	18.1	0.054	0.036	0.0050	Wasteland
Eucalyptus	Branches	18.1	0.054	0.036	0.0050	Wasteland
Catechu	Leaves	18.1	0.035	0.023	0.0032	Wasteland
Catechu	Twigs	18.1	0.030	0.020	0.0028	Wasteland
Catechu	Bark	18.1	0.030	0.020	0.0028	Wasteland
Catechu	Branches	18.1	0.030	0.020	0.0028	Wasteland
Bamboo	Leaves	18.1	0.0047	0.0031	0.00043	Wasteland
Total		18.1	25.0	16.5	2.3	

Taluk level Residue-wise Data for Dangs ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	55.4	19.2	12.7	1.8	Wasteland
Others	Twigs	55.4	16.5	10.9	1.5	Wasteland
Others	Bark	55.4	16.5	10.9	1.5	Wasteland
Others	Branches	55.4	16.5	10.9	1.5	Wasteland
Teak	Leaves	55.4	1.8	1.2	0.17	Wasteland
Teak	Twigs	55.4	1.6	1.0	0.14	Wasteland
Teak	Bark	55.4	1.6	1.0	0.14	Wasteland
Teak	Branches	55.4	1.6	1.0	0.14	Wasteland
Bamboo	Stalk	55.4	0.37	0.24	0.034	Wasteland
Eucalyptus	Leaves	55.4	0.19	0.13	0.018	Wasteland
Eucalyptus	Twigs	55.4	0.17	0.11	0.015	Wasteland
Eucalyptus	Bark	55.4	0.17	0.11	0.015	Wasteland
Eucalyptus	Branches	55.4	0.17	0.11	0.015	Wasteland
Catechu	Leaves	55.4	0.11	0.071	0.0099	Wasteland
Catechu	Twigs	55.4	0.092	0.061	0.0085	Wasteland
Catechu	Bark	55.4	0.092	0.061	0.0085	Wasteland
Catechu	Branches	55.4	0.092	0.061	0.0085	Wasteland
Bamboo	Leaves	55.4	0.014	0.0095	0.0013	Wasteland
Total		55.4	76.6	50.6	7.1	

Taluk level Residue-wise Data for Chhota-Udepur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	17.9	6.2	4.1	0.58	Wasteland
Others	Twigs	17.9	5.3	3.5	0.49	Wasteland
Others	Bark	17.9	5.3	3.5	0.49	Wasteland
Others	Branches	17.9	5.3	3.5	0.49	Wasteland
Teak	Leaves	17.9	0.59	0.39	0.055	Wasteland
Teak	Twigs	17.9	0.51	0.33	0.047	Wasteland
Teak	Bark	17.9	0.51	0.33	0.047	Wasteland
Teak	Branches	17.9	0.51	0.33	0.047	Wasteland
Bamboo	Stalk	17.9	0.12	0.079	0.011	Wasteland
Eucalyptus	Leaves	17.9	0.062	0.041	0.0058	Wasteland
Eucalyptus	Twigs	17.9	0.054	0.035	0.0050	Wasteland
Eucalyptus	Bark	17.9	0.054	0.035	0.0050	Wasteland
Eucalyptus	Branches	17.9	0.054	0.035	0.0050	Wasteland
Catechu	Leaves	17.9	0.035	0.023	0.0032	Wasteland
Catechu	Twigs	17.9	0.030	0.020	0.0028	Wasteland
Catechu	Bark	17.9	0.030	0.020	0.0028	Wasteland
Catechu	Branches	17.9	0.030	0.020	0.0028	Wasteland
Bamboo	Leaves	17.9	0.0046	0.0031	0.00043	Wasteland
Total		17.9	24.8	16.4	2.3	

Taluk level Residue-wise Data for Dabhoi ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	24.2	8.4	5.6	0.78	Wasteland
Others	Twigs	24.2	7.2	4.8	0.67	Wasteland
Others	Bark	24.2	7.2	4.8	0.67	Wasteland
Others	Branches	24.2	7.2	4.8	0.67	Wasteland
Teak	Leaves	24.2	0.80	0.53	0.074	Wasteland
Teak	Twigs	24.2	0.68	0.45	0.063	Wasteland
Teak	Bark	24.2	0.68	0.45	0.063	Wasteland
Teak	Branches	24.2	0.68	0.45	0.063	Wasteland
Bamboo	Stalk	24.2	0.16	0.11	0.015	Wasteland
Eucalyptus	Leaves	24.2	0.084	0.056	0.0078	Wasteland
Eucalyptus	Twigs	24.2	0.072	0.048	0.0067	Wasteland
Eucalyptus	Bark	24.2	0.072	0.048	0.0067	Wasteland
Eucalyptus	Branches	24.2	0.072	0.048	0.0067	Wasteland
Catechu	Leaves	24.2	0.047	0.031	0.0043	Wasteland
Catechu	Twigs	24.2	0.040	0.027	0.0037	Wasteland
Catechu	Bark	24.2	0.040	0.027	0.0037	Wasteland
Catechu	Branches	24.2	0.040	0.027	0.0037	Wasteland
Bamboo	Leaves	24.2	0.0063	0.0041	0.00058	Wasteland
Total		24.2	33.5	22.1	3.1	

Taluk level Residue-wise Data for Jetpur-Pavi ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	15.9	5.5	3.6	0.51	Wasteland
Others	Twigs	15.9	4.7	3.1	0.44	Wasteland
Others	Bark	15.9	4.7	3.1	0.44	Wasteland
Others	Branches	15.9	4.7	3.1	0.44	Wasteland
Teak	Leaves	15.9	0.52	0.35	0.048	Wasteland
Teak	Twigs	15.9	0.45	0.30	0.041	Wasteland
Teak	Bark	15.9	0.45	0.30	0.041	Wasteland
Teak	Branches	15.9	0.45	0.30	0.041	Wasteland
Bamboo	Stalk	15.9	0.11	0.070	0.0098	Wasteland
Eucalyptus	Leaves	15.9	0.055	0.037	0.0051	Wasteland
Eucalyptus	Twigs	15.9	0.047	0.031	0.0044	Wasteland
Eucalyptus	Bark	15.9	0.047	0.031	0.0044	Wasteland
Eucalyptus	Branches	15.9	0.047	0.031	0.0044	Wasteland
Catechu	Leaves	15.9	0.031	0.020	0.0028	Wasteland
Catechu	Twigs	15.9	0.026	0.017	0.0024	Wasteland
Catechu	Bark	15.9	0.026	0.017	0.0024	Wasteland
Catechu	Branches	15.9	0.026	0.017	0.0024	Wasteland
Bamboo	Leaves	15.9	0.0041	0.0027	0.00038	Wasteland
Total		15.9	22.0	14.5	2.0	

Taluk level Residue-wise Data for Karjan ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	6.4	2.2	1.5	0.20	Wasteland
Others	Twigs	6.4	1.9	1.2	0.17	Wasteland
Others	Bark	6.4	1.9	1.2	0.17	Wasteland
Others	Branches	6.4	1.9	1.2	0.17	Wasteland
Teak	Leaves	6.4	0.21	0.14	0.019	Wasteland
Teak	Twigs	6.4	0.18	0.12	0.017	Wasteland
Teak	Bark	6.4	0.18	0.12	0.017	Wasteland
Teak	Branches	6.4	0.18	0.12	0.017	Wasteland
Bamboo	Stalk	6.4	0.042	0.028	0.0039	Wasteland
Eucalyptus	Leaves	6.4	0.022	0.015	0.0020	Wasteland
Eucalyptus	Twigs	6.4	0.019	0.013	0.0018	Wasteland
Eucalyptus	Bark	6.4	0.019	0.013	0.0018	Wasteland
Eucalyptus	Branches	6.4	0.019	0.013	0.0018	Wasteland
Catechu	Leaves	6.4	0.012	0.0081	0.0011	Wasteland
Catechu	Twigs	6.4	0.011	0.0070	0.00097	Wasteland
Catechu	Bark	6.4	0.011	0.0070	0.00097	Wasteland
Catechu	Branches	6.4	0.011	0.0070	0.00097	Wasteland
Bamboo	Leaves	6.4	0.0016	0.0011	0.00015	Wasteland
Total		6.4	8.8	5.8	0.81	

Taluk level Residue-wise Data for Kawant ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	7.0	2.4	1.6	0.22	Wasteland
Others	Twigs	7.0	2.1	1.4	0.19	Wasteland
Others	Bark	7.0	2.1	1.4	0.19	Wasteland
Others	Branches	7.0	2.1	1.4	0.19	Wasteland
Teak	Leaves	7.0	0.23	0.15	0.021	Wasteland
Teak	Twigs	7.0	0.20	0.13	0.018	Wasteland
Teak	Bark	7.0	0.20	0.13	0.018	Wasteland
Teak	Branches	7.0	0.20	0.13	0.018	Wasteland
Bamboo	Stalk	7.0	0.046	0.031	0.0043	Wasteland
Eucalyptus	Leaves	7.0	0.024	0.016	0.0022	Wasteland
Eucalyptus	Twigs	7.0	0.021	0.014	0.0019	Wasteland
Eucalyptus	Bark	7.0	0.021	0.014	0.0019	Wasteland
Eucalyptus	Branches	7.0	0.021	0.014	0.0019	Wasteland
Catechu	Leaves	7.0	0.013	0.0089	0.0012	Wasteland
Catechu	Twigs	7.0	0.012	0.0076	0.0011	Wasteland
Catechu	Bark	7.0	0.012	0.0076	0.0011	Wasteland
Catechu	Branches	7.0	0.012	0.0076	0.0011	Wasteland
Bamboo	Leaves	7.0	0.0018	0.0012	0.00017	Wasteland
Total		7.0	9.6	6.4	0.89	

Taluk level Residue-wise Data for Naswadi ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	9.6	3.3	2.2	0.31	Wasteland
Others	Twigs	9.6	2.8	1.9	0.26	Wasteland
Others	Bark	9.6	2.8	1.9	0.26	Wasteland
Others	Branches	9.6	2.8	1.9	0.26	Wasteland
Teak	Leaves	9.6	0.32	0.21	0.029	Wasteland
Teak	Twigs	9.6	0.27	0.18	0.025	Wasteland
Teak	Bark	9.6	0.27	0.18	0.025	Wasteland
Teak	Branches	9.6	0.27	0.18	0.025	Wasteland
Bamboo	Stalk	9.6	0.064	0.042	0.0059	Wasteland
Eucalyptus	Leaves	9.6	0.033	0.022	0.0031	Wasteland
Eucalyptus	Twigs	9.6	0.029	0.019	0.0026	Wasteland
Eucalyptus	Bark	9.6	0.029	0.019	0.0026	Wasteland
Eucalyptus	Branches	9.6	0.029	0.019	0.0026	Wasteland
Catechu	Leaves	9.6	0.019	0.012	0.0017	Wasteland
Catechu	Twigs	9.6	0.016	0.010	0.0015	Wasteland
Catechu	Bark	9.6	0.016	0.010	0.0015	Wasteland
Catechu	Branches	9.6	0.016	0.010	0.0015	Wasteland
Bamboo	Leaves	9.6	0.0025	0.0016	0.00023	Wasteland
Total		9.6	13.2	8.7	1.2	

Taluk level Residue-wise Data for Padra ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	11.1	3.9	2.5	0.36	Wasteland
Others	Twigs	11.1	3.3	2.2	0.31	Wasteland
Others	Bark	11.1	3.3	2.2	0.31	Wasteland
Others	Branches	11.1	3.3	2.2	0.31	Wasteland
Teak	Leaves	11.1	0.37	0.24	0.034	Wasteland
Teak	Twigs	11.1	0.31	0.21	0.029	Wasteland
Teak	Bark	11.1	0.31	0.21	0.029	Wasteland
Teak	Branches	11.1	0.31	0.21	0.029	Wasteland
Bamboo	Stalk	11.1	0.074	0.049	0.0068	Wasteland
Eucalyptus	Leaves	11.1	0.039	0.026	0.0036	Wasteland
Eucalyptus	Twigs	11.1	0.033	0.022	0.0031	Wasteland
Eucalyptus	Bark	11.1	0.033	0.022	0.0031	Wasteland
Eucalyptus	Branches	11.1	0.033	0.022	0.0031	Wasteland
Catechu	Leaves	11.1	0.022	0.014	0.0020	Wasteland
Catechu	Twigs	11.1	0.018	0.012	0.0017	Wasteland
Catechu	Bark	11.1	0.018	0.012	0.0017	Wasteland
Catechu	Branches	11.1	0.018	0.012	0.0017	Wasteland
Bamboo	Leaves	11.1	0.0029	0.0019	0.00027	Wasteland
Total		11.1	15.4	10.2	1.4	

Taluk level Residue-wise Data for Sankheda ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	27.7	9.6	6.3	0.89	Wasteland
Others	Twigs	27.7	8.2	5.4	0.76	Wasteland
Others	Bark	27.7	8.2	5.4	0.76	Wasteland
Others	Branches	27.7	8.2	5.4	0.76	Wasteland
Teak	Leaves	27.7	0.91	0.60	0.084	Wasteland
Teak	Twigs	27.7	0.78	0.52	0.072	Wasteland
Teak	Bark	27.7	0.78	0.52	0.072	Wasteland
Teak	Branches	27.7	0.78	0.52	0.072	Wasteland
Bamboo	Stalk	27.7	0.18	0.12	0.017	Wasteland
Eucalyptus	Leaves	27.7	0.096	0.064	0.0089	Wasteland
Eucalyptus	Twigs	27.7	0.083	0.055	0.0077	Wasteland
Eucalyptus	Bark	27.7	0.083	0.055	0.0077	Wasteland
Eucalyptus	Branches	27.7	0.083	0.055	0.0077	Wasteland
Catechu	Leaves	27.7	0.054	0.035	0.0050	Wasteland
Catechu	Twigs	27.7	0.046	0.030	0.0043	Wasteland
Catechu	Bark	27.7	0.046	0.030	0.0043	Wasteland
Catechu	Branches	27.7	0.046	0.030	0.0043	Wasteland
Bamboo	Leaves	27.7	0.0072	0.0047	0.00066	Wasteland
Total		27.7	38.3	25.3	3.5	

Taluk level Residue-wise Data for Savli ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	28.4	9.8	6.5	0.91	Wasteland
Others	Twigs	28.4	8.4	5.6	0.78	Wasteland
Others	Bark	28.4	8.4	5.6	0.78	Wasteland
Others	Branches	28.4	8.4	5.6	0.78	Wasteland
Teak	Leaves	28.4	0.93	0.62	0.086	Wasteland
Teak	Twigs	28.4	0.80	0.53	0.074	Wasteland
Teak	Bark	28.4	0.80	0.53	0.074	Wasteland
Teak	Branches	28.4	0.80	0.53	0.074	Wasteland
Bamboo	Stalk	28.4	0.19	0.12	0.017	Wasteland
Eucalyptus	Leaves	28.4	0.099	0.065	0.0091	Wasteland
Eucalyptus	Twigs	28.4	0.085	0.056	0.0078	Wasteland
Eucalyptus	Bark	28.4	0.085	0.056	0.0078	Wasteland
Eucalyptus	Branches	28.4	0.085	0.056	0.0078	Wasteland
Catechu	Leaves	28.4	0.055	0.036	0.0051	Wasteland
Catechu	Twigs	28.4	0.047	0.031	0.0044	Wasteland
Catechu	Bark	28.4	0.047	0.031	0.0044	Wasteland
Catechu	Branches	28.4	0.047	0.031	0.0044	Wasteland
Bamboo	Leaves	28.4	0.0073	0.0048	0.00068	Wasteland
Total		28.4	39.2	25.9	3.6	

Taluk level Residue-wise Data for Shinor ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	6.3	2.2	1.4	0.20	Wasteland
Others	Twigs	6.3	1.9	1.2	0.17	Wasteland
Others	Bark	6.3	1.9	1.2	0.17	Wasteland
Others	Branches	6.3	1.9	1.2	0.17	Wasteland
Teak	Leaves	6.3	0.21	0.14	0.019	Wasteland
Teak	Twigs	6.3	0.18	0.12	0.016	Wasteland
Teak	Bark	6.3	0.18	0.12	0.016	Wasteland
Teak	Branches	6.3	0.18	0.12	0.016	Wasteland
Bamboo	Stalk	6.3	0.042	0.028	0.0039	Wasteland
Eucalyptus	Leaves	6.3	0.022	0.015	0.0020	Wasteland
Eucalyptus	Twigs	6.3	0.019	0.012	0.0017	Wasteland
Eucalyptus	Bark	6.3	0.019	0.012	0.0017	Wasteland
Eucalyptus	Branches	6.3	0.019	0.012	0.0017	Wasteland
Catechu	Leaves	6.3	0.012	0.0081	0.0011	Wasteland
Catechu	Twigs	6.3	0.010	0.0069	0.00097	Wasteland
Catechu	Bark	6.3	0.010	0.0069	0.00097	Wasteland
Catechu	Branches	6.3	0.010	0.0069	0.00097	Wasteland
Bamboo	Leaves	6.3	0.0016	0.0011	0.00015	Wasteland
Total		6.3	8.7	5.8	0.81	

Taluk level Residue-wise Data for Vadodara ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	14.7	5.1	3.4	0.47	Wasteland
Others	Twigs	14.7	4.4	2.9	0.40	Wasteland
Others	Bark	14.7	4.4	2.9	0.40	Wasteland
Others	Branches	14.7	4.4	2.9	0.40	Wasteland
Teak	Leaves	14.7	0.48	0.32	0.045	Wasteland
Teak	Twigs	14.7	0.41	0.27	0.038	Wasteland
Teak	Bark	14.7	0.41	0.27	0.038	Wasteland
Teak	Branches	14.7	0.41	0.27	0.038	Wasteland
Bamboo	Stalk	14.7	0.097	0.064	0.0090	Wasteland
Eucalyptus	Leaves	14.7	0.051	0.034	0.0047	Wasteland
Eucalyptus	Twigs	14.7	0.044	0.029	0.0040	Wasteland
Eucalyptus	Bark	14.7	0.044	0.029	0.0040	Wasteland
Eucalyptus	Branches	14.7	0.044	0.029	0.0040	Wasteland
Catechu	Leaves	14.7	0.028	0.019	0.0026	Wasteland
Catechu	Twigs	14.7	0.024	0.016	0.0022	Wasteland
Catechu	Bark	14.7	0.024	0.016	0.0022	Wasteland
Catechu	Branches	14.7	0.024	0.016	0.0022	Wasteland
Bamboo	Leaves	14.7	0.0038	0.0025	0.00035	Wasteland
Total		14.7	20.3	13.4	1.9	

Taluk level Residue-wise Data for Vaghodiya ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	27.5	9.5	6.3	0.88	Wasteland
Others	Twigs	27.5	8.2	5.4	0.75	Wasteland
Others	Bark	27.5	8.2	5.4	0.75	Wasteland
Others	Branches	27.5	8.2	5.4	0.75	Wasteland
Teak	Leaves	27.5	0.90	0.60	0.084	Wasteland
Teak	Twigs	27.5	0.77	0.51	0.072	Wasteland
Teak	Bark	27.5	0.77	0.51	0.072	Wasteland
Teak	Branches	27.5	0.77	0.51	0.072	Wasteland
Bamboo	Stalk	27.5	0.18	0.12	0.017	Wasteland
Eucalyptus	Leaves	27.5	0.096	0.063	0.0088	Wasteland
Eucalyptus	Twigs	27.5	0.082	0.054	0.0076	Wasteland
Eucalyptus	Bark	27.5	0.082	0.054	0.0076	Wasteland
Eucalyptus	Branches	27.5	0.082	0.054	0.0076	Wasteland
Catechu	Leaves	27.5	0.053	0.035	0.0049	Wasteland
Catechu	Twigs	27.5	0.046	0.030	0.0042	Wasteland
Catechu	Bark	27.5	0.046	0.030	0.0042	Wasteland
Catechu	Branches	27.5	0.046	0.030	0.0042	Wasteland
Bamboo	Leaves	27.5	0.0071	0.0047	0.00066	Wasteland
Total		27.5	37.9	25.1	3.5	

Taluk level Residue-wise Data for Dharampur ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	15.9	5.5	3.6	0.51	Wasteland
Others	Twigs	15.9	4.7	3.1	0.44	Wasteland
Others	Bark	15.9	4.7	3.1	0.44	Wasteland
Others	Branches	15.9	4.7	3.1	0.44	Wasteland
Teak	Leaves	15.9	0.52	0.34	0.048	Wasteland
Teak	Twigs	15.9	0.45	0.30	0.041	Wasteland
Teak	Bark	15.9	0.45	0.30	0.041	Wasteland
Teak	Branches	15.9	0.45	0.30	0.041	Wasteland
Bamboo	Stalk	15.9	0.11	0.070	0.0098	Wasteland
Eucalyptus	Leaves	15.9	0.055	0.036	0.0051	Wasteland
Eucalyptus	Twigs	15.9	0.047	0.031	0.0044	Wasteland
Eucalyptus	Bark	15.9	0.047	0.031	0.0044	Wasteland
Eucalyptus	Branches	15.9	0.047	0.031	0.0044	Wasteland
Catechu	Leaves	15.9	0.031	0.020	0.0028	Wasteland
Catechu	Twigs	15.9	0.026	0.017	0.0024	Wasteland
Catechu	Bark	15.9	0.026	0.017	0.0024	Wasteland
Catechu	Branches	15.9	0.026	0.017	0.0024	Wasteland
Bamboo	Leaves	15.9	0.0041	0.0027	0.00038	Wasteland
Total		15.9	21.9	14.5	2.0	

Taluk level Residue-wise Data for Kaprada ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	36.0	12.5	8.2	1.2	Wasteland
Others	Twigs	36.0	10.7	7.1	0.99	Wasteland
Others	Bark	36.0	10.7	7.1	0.99	Wasteland
Others	Branches	36.0	10.7	7.1	0.99	Wasteland
Teak	Leaves	36.0	1.2	0.78	0.11	Wasteland
Teak	Twigs	36.0	1.0	0.67	0.094	Wasteland
Teak	Bark	36.0	1.0	0.67	0.094	Wasteland
Teak	Branches	36.0	1.0	0.67	0.094	Wasteland
Bamboo	Stalk	36.0	0.24	0.16	0.022	Wasteland
Eucalyptus	Leaves	36.0	0.13	0.083	0.012	Wasteland
Eucalyptus	Twigs	36.0	0.11	0.071	0.0099	Wasteland
Eucalyptus	Bark	36.0	0.11	0.071	0.0099	Wasteland
Eucalyptus	Branches	36.0	0.11	0.071	0.0099	Wasteland
Catechu	Leaves	36.0	0.070	0.046	0.0064	Wasteland
Catechu	Twigs	36.0	0.060	0.039	0.0055	Wasteland
Catechu	Bark	36.0	0.060	0.039	0.0055	Wasteland
Catechu	Branches	36.0	0.060	0.039	0.0055	Wasteland
Bamboo	Leaves	36.0	0.0093	0.0061	0.00086	Wasteland
Total		36.0	49.7	32.8	4.6	

Taluk level Residue-wise Data for Pardi ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	1.4	0.48	0.32	0.045	Wasteland
Others	Twigs	1.4	0.41	0.27	0.038	Wasteland
Others	Bark	1.4	0.41	0.27	0.038	Wasteland
Others	Branches	1.4	0.41	0.27	0.038	Wasteland
Teak	Leaves	1.4	0.046	0.030	0.0042	Wasteland
Teak	Twigs	1.4	0.039	0.026	0.0036	Wasteland
Teak	Bark	1.4	0.039	0.026	0.0036	Wasteland
Teak	Branches	1.4	0.039	0.026	0.0036	Wasteland
Bamboo	Stalk	1.4	0.0093	0.0061	0.00086	Wasteland
Eucalyptus	Leaves	1.4	0.0048	0.0032	0.00045	Wasteland
Eucalyptus	Twigs	1.4	0.0042	0.0027	0.00038	Wasteland
Eucalyptus	Bark	1.4	0.0042	0.0027	0.00038	Wasteland
Eucalyptus	Branches	1.4	0.0042	0.0027	0.00038	Wasteland
Catechu	Leaves	1.4	0.0027	0.0018	0.00025	Wasteland
Catechu	Twigs	1.4	0.0023	0.0015	0.00021	Wasteland
Catechu	Bark	1.4	0.0023	0.0015	0.00021	Wasteland
Catechu	Branches	1.4	0.0023	0.0015	0.00021	Wasteland
Bamboo	Leaves	1.4	0.00036	0.00024	3.33E-05	Wasteland
Total		1.4	1.9	1.3	0.18	

Taluk level Residue-wise Data for Umargaon ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	14.7	5.1	3.4	0.47	Wasteland
Others	Twigs	14.7	4.4	2.9	0.41	Wasteland
Others	Bark	14.7	4.4	2.9	0.41	Wasteland
Others	Branches	14.7	4.4	2.9	0.41	Wasteland
Teak	Leaves	14.7	0.48	0.32	0.045	Wasteland
Teak	Twigs	14.7	0.42	0.27	0.038	Wasteland
Teak	Bark	14.7	0.42	0.27	0.038	Wasteland
Teak	Branches	14.7	0.42	0.27	0.038	Wasteland
Bamboo	Stalk	14.7	0.098	0.065	0.0091	Wasteland
Eucalyptus	Leaves	14.7	0.051	0.034	0.0047	Wasteland
Eucalyptus	Twigs	14.7	0.044	0.029	0.0041	Wasteland
Eucalyptus	Bark	14.7	0.044	0.029	0.0041	Wasteland
Eucalyptus	Branches	14.7	0.044	0.029	0.0041	Wasteland
Catechu	Leaves	14.7	0.029	0.019	0.0026	Wasteland
Catechu	Twigs	14.7	0.024	0.016	0.0023	Wasteland
Catechu	Bark	14.7	0.024	0.016	0.0023	Wasteland
Catechu	Branches	14.7	0.024	0.016	0.0023	Wasteland
Bamboo	Leaves	14.7	0.0038	0.0025	0.00035	Wasteland
Total		14.7	20.4	13.5	1.9	

Taluk level Residue-wise Data for Valsad ; Biomass Class : Wasteland						
Species	Biomass	Area (kHa)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	Biomass Class
Others	Leaves	2.3	0.79	0.52	0.073	Wasteland
Others	Twigs	2.3	0.67	0.45	0.062	Wasteland
Others	Bark	2.3	0.67	0.45	0.062	Wasteland
Others	Branches	2.3	0.67	0.45	0.062	Wasteland
Teak	Leaves	2.3	0.075	0.049	0.0069	Wasteland
Teak	Twigs	2.3	0.064	0.042	0.0059	Wasteland
Teak	Bark	2.3	0.064	0.042	0.0059	Wasteland
Teak	Branches	2.3	0.064	0.042	0.0059	Wasteland
Bamboo	Stalk	2.3	0.015	0.0100	0.0014	Wasteland
Eucalyptus	Leaves	2.3	0.0079	0.0052	0.00073	Wasteland
Eucalyptus	Twigs	2.3	0.0068	0.0045	0.00063	Wasteland
Eucalyptus	Bark	2.3	0.0068	0.0045	0.00063	Wasteland
Eucalyptus	Branches	2.3	0.0068	0.0045	0.00063	Wasteland
Catechu	Leaves	2.3	0.0044	0.0029	0.00041	Wasteland
Catechu	Twigs	2.3	0.0038	0.0025	0.00035	Wasteland
Catechu	Bark	2.3	0.0038	0.0025	0.00035	Wasteland
Catechu	Branches	2.3	0.0038	0.0025	0.00035	Wasteland
Bamboo	Leaves	2.3	0.00059	0.00039	5.43E-05	Wasteland
Total		2.3	3.1	2.1	0.29	

Note:

Agro, Kharif, Rabi and Yearly

'Others' contributes to collection of crops whose Power Potential is less than 0.05MWyre. These residues will not be separately listed instead they are aggregated into 'Others'.

The Tolerance for the above data at Taluk level is about 25%. The residue-wise data at taluk level may have a tolerance of more than 25% depending on spatial availability of agro-area and spatial aggregation as compared to statistically reported crop area. District Survey instituted by MNRE [Ministry of New & Renewable Energy] was done and biomass was reported for period beyond 1999 of the States country wide. The updated crop data at the district level is used as an input to construct the Biomass Atlas enabling spatial extraction of the biomass data tables above.

Forest and Wastelands:

The species wise area will be same for each class of forest because of the fact that the species are heterogeneously distributed in each packet of a state as given by FSI (Forest Survey of India). The assessed biomass potential for wasteland is a projection based on the species in a-forested area. For this assessment wasteland is considered as an extension of forest lands.