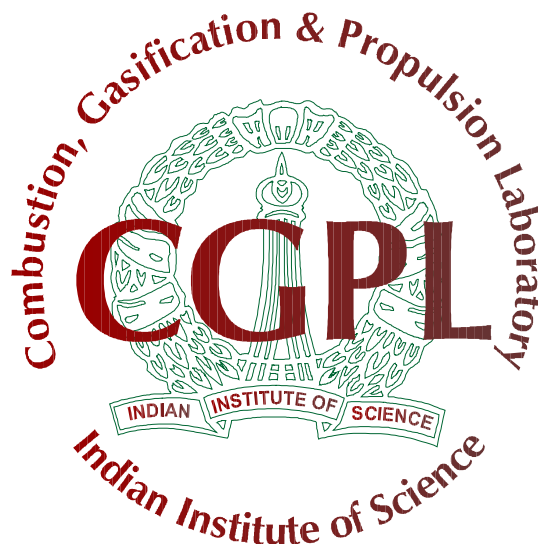


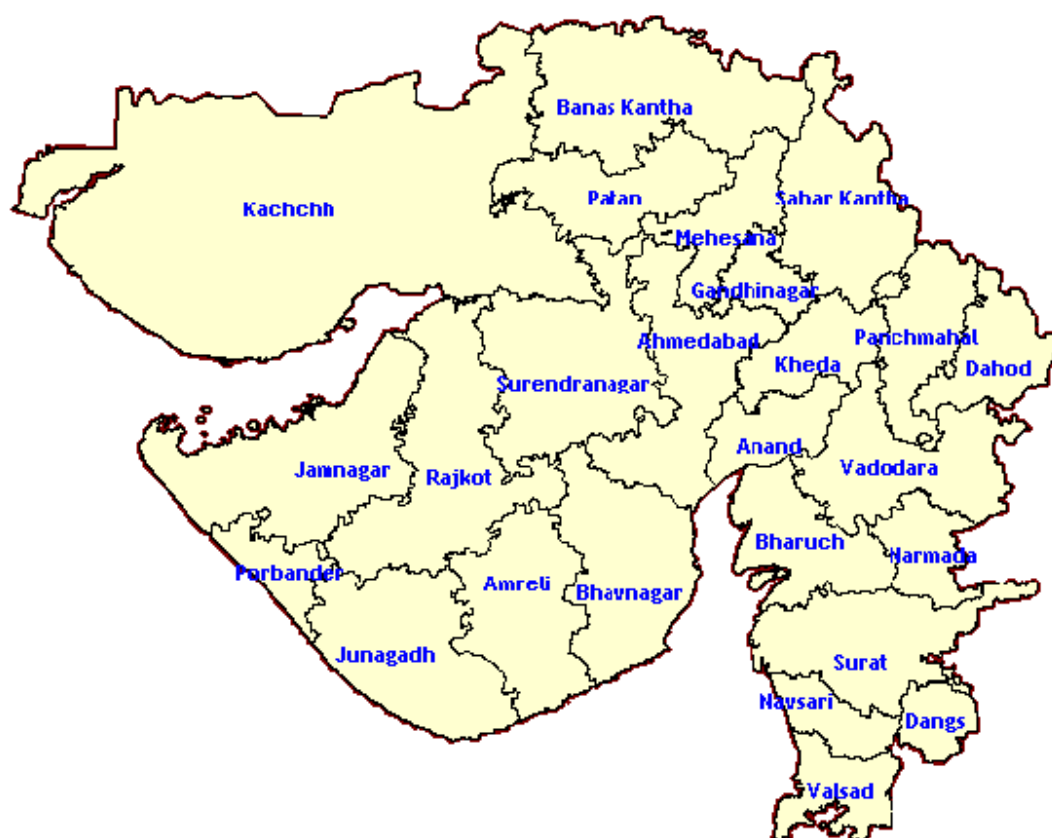
Biomass Mapping for Power Generation for Gujarat

Biomass Manual



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



Biomass Assessment for Gujarat

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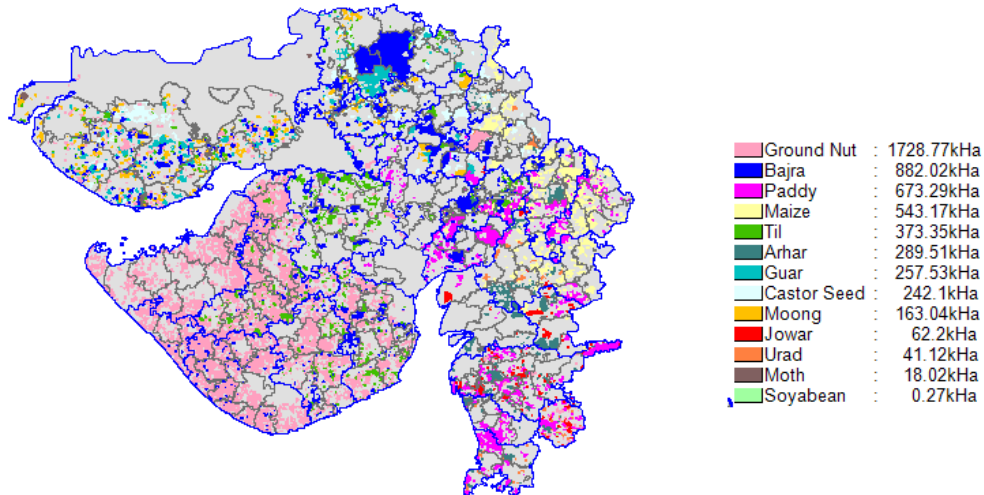
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Kharif

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
Thehangs	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	Nakhrana	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	Malpurmalpur	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
Maheana	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 Thedangs; 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	6.0

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
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	16.8

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	5.3

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
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	44.0

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	2.6

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

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
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	17.5

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	16.7

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	15.9

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
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	9.0

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	21.4

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
Mundra	18.1	13.2	29.0	6.4	0.84
Gandhidham	2.0	2.5	9.9	4.9	0.63
Lakhpatt	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	43.0

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	15.6

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	15.2

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	3.0

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	5.1

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	17.7

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	15.2

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	4.1

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
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	30.6

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	20.5

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	14.7

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	12.9

DistrictLevel Taluk-wise Data for Thehangs ; 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	1.5

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	12.4

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	5.6

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 Viramgam ; 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 Ankla ; 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 Devgadbaria ; 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 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

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

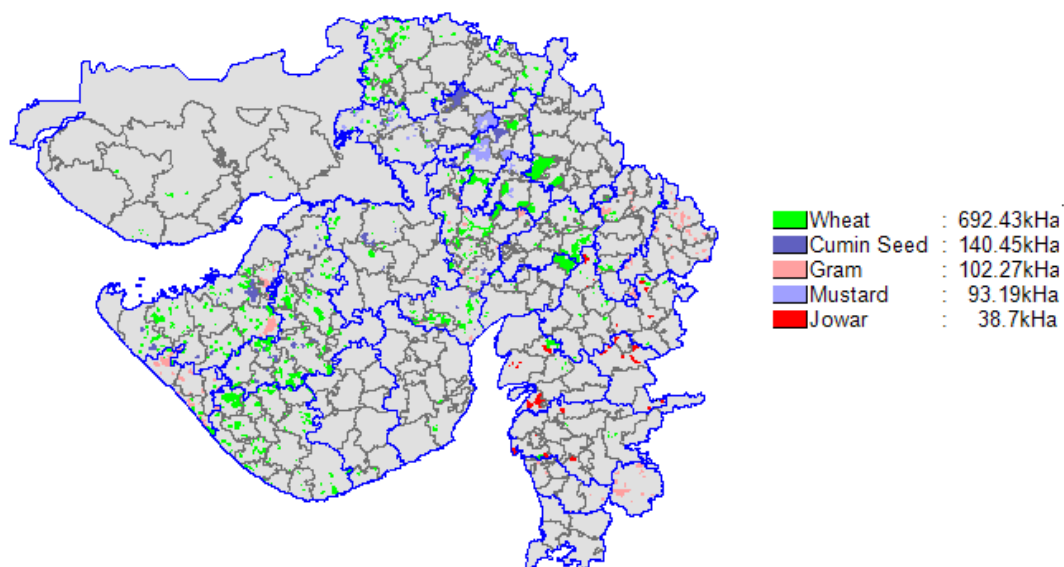
Taluk level Residue-wise Data for Pardi ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	1.7	4.3	6.4	0.64	0.077
Paddy	Husk	1.7	4.3	0.85	0.68	0.075
Others	Others	0.59	0.33	0.50	0.20	0.026
Total		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
Thehangs	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	Shiher	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
Dhandhuka	14.6	14.6	25.3	5.5	0.74

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
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	7.2

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	1.4

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	2.8

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	3.1

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	2.7

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	1.3

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
Devgadbaria	0.044	0.027	0.030	0.024	0.0031
Total	27.1	16.9	18.8	14.6	1.9

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	3.2

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	7.1

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	11.9

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	1.8

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
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	4.0

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	7.0

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	0.40

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	0.15

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	2.2

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	5.6

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	2.0

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

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
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	11.6

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	3.1

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	1.2

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	3.3

DistrictLevel Taluk-wise Data for Thedangs ; 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	0.35

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	1.7

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

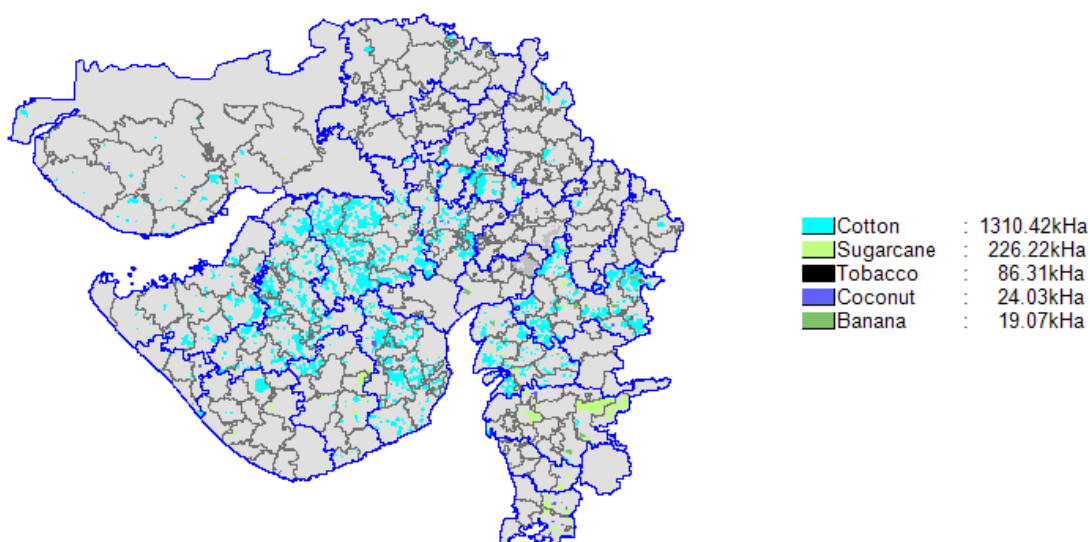
Taluk level Residue-wise Data for Shinor ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.00040	0.00093	0.0017	0.00028	3.75E-05
Total		0.00040	0.00093	0.0017	0.00028	3.75E-05

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
Thehangs	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
Maheana	Maheana	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	Lakhpur	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 Dangas	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	75.6

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	61.3

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	7.7

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
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	10.4

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	75.8

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
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	70.0

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	1.4

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	55.4

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
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	25.8

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	14.5

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
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	25.0

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	9.1

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

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
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	13.7

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	2.8

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	1.6

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	3.7

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	78.0

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

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
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	17.0

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	21.6

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	98.3

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	0.0018

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	94.6

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	3.8

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 Gadhadra ; 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 Vandsa ; 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 Kotdasangani ; 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

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