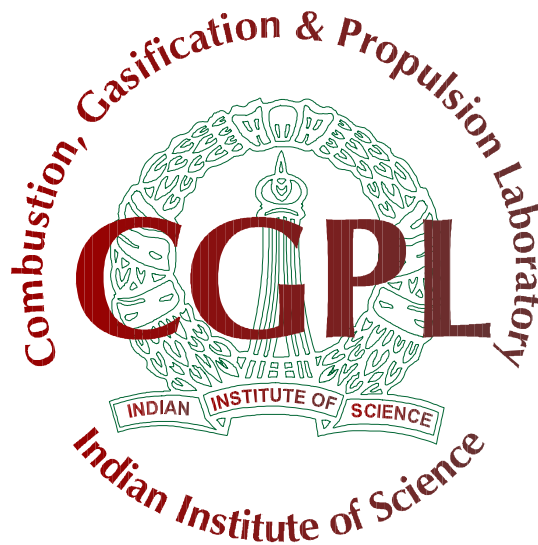


Biomass Mapping for Power Generation for Jammu and Kashmir

Biomass Manual



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Biomass Assessment for Jammu and Kashmir Kharif, Rabi and Agro



Biomass Assessment for Jammu and Kashmir

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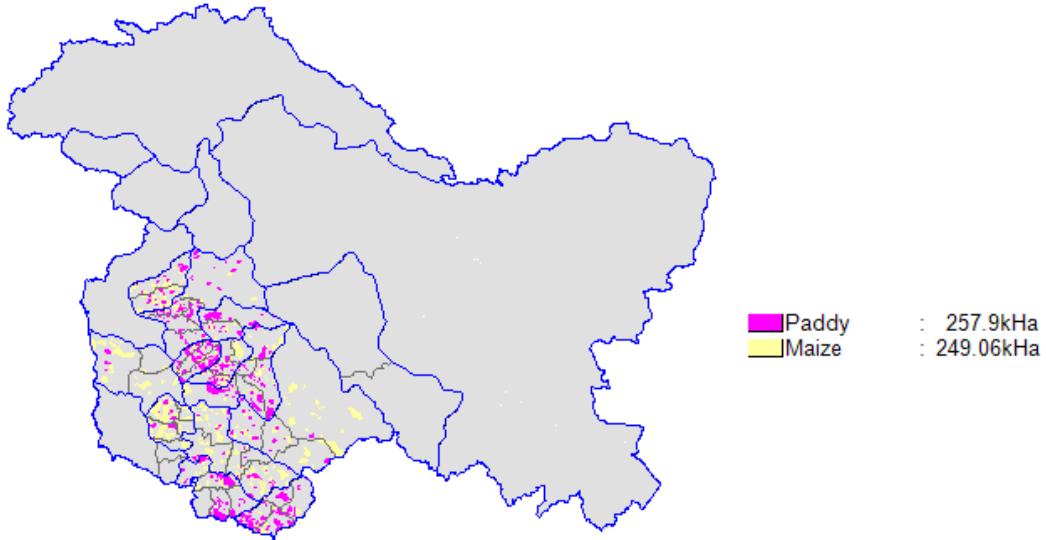
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Kharif

Jammu & Kashmir-Kharif



State Level Residue Wise

State level Residue-wise Data for Jammu & Kashmir; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	249.1	398.1	199.0	99.5	13.9
Maize	Stalks	249.1	398.1	796.1	79.6	10.3
Paddy	Straw	257.9	5.8	8.7	7.0	0.84
Others	Others	0	0	1.2	0.12	0.013
Total		507.0	403.9	1005.1	186.2	25.1

State Level District Wise

State level District-wise Data for Jammu & Kashmir ; Season : Kharif					
District	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Rajauri	51.3	123.2	307.9	55.5	7.5
Punch	27.4	67.7	169.2	30.6	4.1
Doda	54.0	58.4	146.0	26.4	3.6
Jammu	79.7	38.7	95.8	18.3	2.5
Kathua	50.1	36.6	91.2	16.7	2.3
Baramula	57.8	23.4	57.9	11.0	1.5
Anantnag	63.9	20.6	50.5	10.2	1.4
Kupwara	34.2	15.2	37.8	7.0	0.95
Pulwama	36.0	10.0	24.4	5.1	0.67
Srinagar	17.4	7.1	17.5	3.4	0.45
Badgam	35.4	3.0	6.8	2.0	0.26
Total	507.0	403.9	1005.1	186.2	25.1

State-level Taluk-wise

State level Taluk-wise Data for Jammu & Kashmir ; Season : Kharif						
District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Punch	Punch	27.4	67.7	169.2	30.6	4.1
Rajauri	Rajauri	20.6	49.8	124.5	22.4	3.0
Doda	Kishtwar	33.2	38.5	96.2	17.3	2.3
Rajauri	Nowshehra	17.8	37.9	94.6	17.1	2.3
Kathua	Kathua	17.5	32.1	80.3	14.5	2.0
Jammu	Jammu	22.0	21.2	53.0	9.7	1.3
Baramula	Baramula	23.0	18.4	46.0	8.3	1.1
Rajauri	Sunderbani	6.2	16.8	42.0	7.6	1.0
Jammu	Akhnoor	19.1	15.6	39.0	7.2	0.97
Rajauri	Budhal	5.0	13.5	33.8	6.1	0.83

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Doda	Bhaderwah	9.6	10.1	25.1	4.6	0.62
Kupwara	Handwara	20.6	9.9	24.6	4.5	0.61
Anantnag	Anantnag	24.3	7.7	18.7	3.8	0.51
Anantnag	Pahalgam	14.0	7.1	17.5	3.3	0.45
Doda	Ramban	7.9	7.0	17.3	3.2	0.43
Srinagar	Srinagar	11.8	6.8	16.9	3.2	0.43
Kupwara	Kupwara	13.3	5.2	12.9	2.4	0.33
Rajauri	Kalakote	1.9	5.2	13.0	2.3	0.32
Pulwama	Tral	8.4	4.5	11.2	2.1	0.28
Anantnag	Kulgam	12.9	3.8	9.2	1.9	0.25
Pulwama	Shupiyan	8.7	3.9	9.7	1.9	0.25
Doda	Doda	3.2	2.9	7.3	1.3	0.18
Kathua	Bashohli	7.7	2.8	7.0	1.3	0.18
Pulwama	Pulwama	18.8	1.6	3.5	1.1	0.14
Baramula	Sopore	6.9	2.2	5.4	1.1	0.14
Kathua	Hiranagar	20.7	1.6	3.8	0.87	0.11
Badgam	Badgam	17.2	0.96	2.0	0.79	0.099
Jammu	Bishna	32.8	0.66	1.1	0.80	0.096
Badgam	Chadura	10.8	1.2	2.8	0.71	0.092
Anantnag	Doru	4.1	1.3	3.3	0.66	0.088
Baramula	Gulmarg	11.9	1.1	2.5	0.66	0.085
Jammu	Samba	5.8	1.1	2.7	0.59	0.077
Baramula	Bandipora	6.3	1.1	2.6	0.56	0.073
Anantnag	Bijbehara	8.6	0.76	1.7	0.53	0.067
Badgam	Beerwah	7.4	0.86	2.0	0.51	0.066
Baramula	Sonawari	9.8	0.63	1.4	0.43	0.054
Srinagar	Ganderbal	5.5	0.27	0.59	0.21	0.026
Kupwara		0.25	0.15	0.37	0.067	0.0090
Kathua	Billawar	4.2	0.042	0.072	0.051	0.0062
Jammu	Ranbirsingh Pora	0.0041	8.10E-05	0.00014	9.88E-05	1.18E-05
Total		507.0	403.9	1005.1	186.2	25.1

District-level Residue-wise

District level Residue-wise Data for Anantnag; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	22.0	19.3	9.7	4.8	0.68
Maize	Stalks	22.0	19.3	38.7	3.9	0.50
Paddy	Straw	42.0	1.3	1.9	1.5	0.18
Others	Others	0	0	0.25	0.025	0.0028
Total		63.9	20.6	50.5	10.2	1.4

District level Residue-wise Data for Badgam; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	28.4	0.85	1.3	1.0	0.12
Maize	Cobs	7.0	2.2	1.1	0.54	0.076
Maize	Stalks	7.0	2.2	4.3	0.43	0.056
Others	Others	0	0	0.17	0.017	0.0019
Total		35.4	3.0	6.8	2.0	0.26

District level Residue-wise Data for Baramula; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	24.7	22.7	11.4	5.7	0.80
Maize	Stalks	24.7	22.7	45.5	4.5	0.59
Paddy	Straw	33.1	0.66	0.99	0.79	0.095
Others	Others	0	0	0.13	0.013	0.0015
Total		57.8	23.4	57.9	11.0	1.5

District level Residue-wise Data for Doda; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	49.8	58.3	29.1	14.6	2.0
Maize	Stalks	49.8	58.3	116.6	11.7	1.5
Others	Others	4.1	0.12	0.21	0.15	0.018
Total		54.0	58.4	146.0	26.4	3.6

District level Residue-wise Data for Jammu; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	23.0	37.5	18.8	9.4	1.3
Maize	Stalks	23.0	37.5	75.1	7.5	0.98
Paddy	Straw	56.6	1.1	1.7	1.4	0.16
Others	Others	0	0	0.23	0.023	0.0025
Total		79.7	38.7	95.8	18.3	2.5

District level Residue-wise Data for Kathua; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	14.7	36.2	18.1	9.1	1.3
Maize	Stalks	14.7	36.2	72.5	7.2	0.94
Paddy	Straw	35.4	0.35	0.53	0.42	0.051
Others	Others	0	0	0.071	0.0071	0.00078
Total		50.1	36.6	91.2	16.7	2.3

District level Residue-wise Data for Kupwara; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	23.0	15.0	7.5	3.7	0.52
Maize	Stalks	23.0	15.0	29.9	3.0	0.39
Others	Others	11.2	0.22	0.38	0.27	0.033
Total		34.2	15.2	37.8	7.0	0.95

District level Residue-wise Data for Pulwama; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	11.3	9.3	4.6	2.3	0.32
Maize	Stalks	11.3	9.3	18.5	1.9	0.24
Paddy	Straw	24.7	0.74	1.1	0.89	0.11
Others	Others	0	0	0.15	0.015	0.0016
Total		36.0	10.0	24.4	5.1	0.67

District level Residue-wise Data for Punch; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	23.7	67.6	33.8	16.9	2.4
Maize	Stalks	23.7	67.6	135.2	13.5	1.8
Others	Others	3.6	0.11	0.19	0.13	0.016
Total		27.4	67.7	169.2	30.6	4.1

District level Residue-wise Data for Rajauri; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	45.1	123.1	61.5	30.8	4.3
Maize	Stalks	45.1	123.1	246.2	24.6	3.2
Others	Others	6.3	0.13	0.21	0.15	0.018
Total		51.3	123.2	307.9	55.5	7.5

District level Residue-wise Data for Srinagar; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	4.8	6.8	3.4	1.7	0.24
Maize	Stalks	4.8	6.8	13.7	1.4	0.18
Others	Others	12.6	0.25	0.43	0.31	0.037
Total		17.4	7.1	17.5	3.4	0.45

District-level Taluk-wise

DistrictLevel Taluk-wise Data for Anantnag ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Anantnag	24.3	7.7	18.7	3.8	0.51
Pahalgam	14.0	7.1	17.5	3.3	0.45
Kulgam	12.9	3.8	9.2	1.9	0.25
Doru	4.1	1.3	3.3	0.66	0.088
Bijbehara	8.6	0.76	1.7	0.53	0.067
Total	63.9	20.6	50.5	10.2	1.4

DistrictLevel Taluk-wise Data for Badgam ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Badgam	17.2	0.96	2.0	0.79	0.099
Chadura	10.8	1.2	2.8	0.71	0.092
Beerwah	7.4	0.86	2.0	0.51	0.066
Total	35.4	3.0	6.8	2.0	0.26

DistrictLevel Taluk-wise Data for Baramula ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Baramula	23.0	18.4	46.0	8.3	1.1
Sopore	6.9	2.2	5.4	1.1	0.14
Gulmarg	11.9	1.1	2.5	0.66	0.085
Bandipora	6.3	1.1	2.6	0.56	0.073
Sonawari	9.8	0.63	1.4	0.43	0.054
Total	57.8	23.4	57.9	11.0	1.5

DistrictLevel Taluk-wise Data for Doda ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kishtwar	33.2	38.5	96.2	17.3	2.3
Bhaderwah	9.6	10.1	25.1	4.6	0.62
Ramban	7.9	7.0	17.3	3.2	0.43
Doda	3.2	2.9	7.3	1.3	0.18
Total	54.0	58.4	146.0	26.4	3.6

DistrictLevel Taluk-wise Data for Jammu ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jammu	22.0	21.2	53.0	9.7	1.3
Akhnoor	19.1	15.6	39.0	7.2	0.97
Bishna	32.8	0.66	1.1	0.80	0.096
Samba	5.8	1.1	2.7	0.59	0.077
Ranbirsingh Pora	0.0041	8.10E-05	0.00014	9.88E-05	1.18E-05
Total	79.7	38.7	95.8	18.3	2.5

DistrictLevel Taluk-wise Data for Kathua ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kathua	17.5	32.1	80.3	14.5	2.0
Bashohli	7.7	2.8	7.0	1.3	0.18
Hiranagar	20.7	1.6	3.8	0.87	0.11
Billawar	4.2	0.042	0.072	0.051	0.0062
Total	50.1	36.6	91.2	16.7	2.3

DistrictLevel Taluk-wise Data for Kupwara ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Handwara	20.6	9.9	24.6	4.5	0.61
Kupwara	13.3	5.2	12.9	2.4	0.33
	0.25	0.15	0.37	0.067	0.0090
Total	34.2	15.2	37.8	7.0	0.95

DistrictLevel Taluk-wise Data for Pulwama ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Tral	8.4	4.5	11.2	2.1	0.28
Shupiyan	8.7	3.9	9.7	1.9	0.25
Pulwama	18.8	1.6	3.5	1.1	0.14
Total	36.0	10.0	24.4	5.1	0.67

DistrictLevel Taluk-wise Data for Punch ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Punch	27.4	67.7	169.2	30.6	4.1
Total	27.4	67.7	169.2	30.6	4.1

DistrictLevel Taluk-wise Data for Rajauri ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Rajauri	20.6	49.8	124.5	22.4	3.0
Nowshehra	17.8	37.9	94.6	17.1	2.3
Sunderbani	6.2	16.8	42.0	7.6	1.0
Budhal	5.0	13.5	33.8	6.1	0.83
Kalakote	1.9	5.2	13.0	2.3	0.32
Total	51.3	123.2	307.9	55.5	7.5

DistrictLevel Taluk-wise Data for Srinagar ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Srinagar	11.8	6.8	16.9	3.2	0.43
Ganderbal	5.5	0.27	0.59	0.21	0.026
Total	17.4	7.1	17.5	3.4	0.45

Taluk Level Residue wise

Taluk level Residue-wise Data for Anantnag ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	8.1	7.2	3.6	1.8	0.25
Maize	Stalks	8.1	7.2	14.3	1.4	0.19
Paddy	Straw	16.2	0.49	0.73	0.58	0.070
Others	Others	0	0	0.097	0.0097	0.0011
Total		24.3	7.7	18.7	3.8	0.51

Taluk level Residue-wise Data for Bijbehara ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	8.6	0.76	1.7	0.53	0.067
Total		8.6	0.76	1.7	0.53	0.067

Taluk level Residue-wise Data for Doru ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	4.1	1.3	3.3	0.66	0.088
Total		4.1	1.3	3.3	0.66	0.088

Taluk level Residue-wise Data for Kulgam ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	4.0	3.5	1.8	0.88	0.12
Maize	Stalks	4.0	3.5	7.0	0.70	0.091
Others	Others	8.9	0.27	0.45	0.33	0.039
Total		12.9	3.8	9.2	1.9	0.25

Taluk level Residue-wise Data for Pahalgam ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	7.8	6.9	3.4	1.7	0.24
Maize	Stalks	7.8	6.9	13.8	1.4	0.18
Others	Others	6.2	0.19	0.32	0.23	0.027
Total		14.0	7.1	17.5	3.3	0.45

Taluk level Residue-wise Data for Badgam ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	15.6	0.47	0.70	0.56	0.067
Others	Others	1.6	0.50	1.3	0.23	0.031
Total		17.2	0.96	2.0	0.79	0.099

Taluk level Residue-wise Data for Beerwah ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	7.4	0.86	2.0	0.51	0.066
Total		7.4	0.86	2.0	0.51	0.066

Taluk level Residue-wise Data for Chadura ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	10.8	1.2	2.8	0.71	0.092
Total		10.8	1.2	2.8	0.71	0.092

Taluk level Residue-wise Data for Bandipora ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	6.3	1.1	2.6	0.56	0.073
Total		6.3	1.1	2.6	0.56	0.073

Taluk level Residue-wise Data for Baramula ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	20.0	18.4	9.2	4.6	0.64
Maize	Stalks	20.0	18.4	36.7	3.7	0.48
Others	Others	3.0	0.060	0.10	0.074	0.0088
Total		23.0	18.4	46.0	8.3	1.1

Taluk level Residue-wise Data for Gulmarg ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	11.9	1.1	2.5	0.66	0.085
Total		11.9	1.1	2.5	0.66	0.085

Taluk level Residue-wise Data for Sonawari ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	9.8	0.63	1.4	0.43	0.054
Total		9.8	0.63	1.4	0.43	0.054

Taluk level Residue-wise Data for Sopore ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	2.3	2.1	1.0	0.52	0.073
Maize	Stalks	2.3	2.1	4.2	0.42	0.054
Others	Others	4.6	0.092	0.16	0.11	0.013
Total		6.9	2.2	5.4	1.1	0.14

Taluk level Residue-wise Data for Bhaderwah ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	8.6	10.0	5.0	2.5	0.35
Maize	Stalks	8.6	10.0	20.1	2.0	0.26
Others	Others	1.0	0.031	0.053	0.038	0.0045
Total		9.6	10.1	25.1	4.6	0.62

Taluk level Residue-wise Data for Doda ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	2.5	2.9	1.5	0.73	0.10
Maize	Stalks	2.5	2.9	5.8	0.58	0.075
Others	Others	0.76	0.023	0.039	0.028	0.0033
Total		3.2	2.9	7.3	1.3	0.18

Taluk level Residue-wise Data for Kishtwar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	32.9	38.5	19.2	9.6	1.3
Maize	Stalks	32.9	38.5	77.0	7.7	1.0
Others	Others	0.33	0.0100	0.017	0.012	0.0015
Total		33.2	38.5	96.2	17.3	2.3

Taluk level Residue-wise Data for Ramban ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	5.9	6.9	3.4	1.7	0.24
Maize	Stalks	5.9	6.9	13.8	1.4	0.18
Others	Others	2.0	0.060	0.10	0.073	0.0088
Total		7.9	7.0	17.3	3.2	0.43

Taluk level Residue-wise Data for Akhnoor ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	9.5	15.5	7.7	3.9	0.54
Maize	Stalks	9.5	15.5	30.9	3.1	0.40
Others	Others	9.6	0.19	0.33	0.23	0.028
Total		19.1	15.6	39.0	7.2	0.97

Taluk level Residue-wise Data for Bishna ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	32.8	0.66	0.98	0.79	0.094
Others	Others	0	0	0.13	0.013	0.0014
Total		32.8	0.66	1.1	0.80	0.096

Taluk level Residue-wise Data for Jammu ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	12.9	21.1	10.5	5.3	0.74
Maize	Stalks	12.9	21.1	42.1	4.2	0.55
Others	Others	9.1	0.18	0.31	0.22	0.027
Total		22.0	21.2	53.0	9.7	1.3

Taluk level Residue-wise Data for Ranbirsingh Pora ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.0041	8.10E-05	0.00014	9.88E-05	1.18E-05
Total		0.0041	8.10E-05	0.00014	9.88E-05	1.18E-05

Taluk level Residue-wise Data for Samba ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	5.8	1.1	2.7	0.59	0.077
Total		5.8	1.1	2.7	0.59	0.077

Taluk level Residue-wise Data for Bashohli ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	1.1	2.8	1.4	0.69	0.097
Maize	Stalks	1.1	2.8	5.5	0.55	0.072
Others	Others	6.6	0.066	0.11	0.080	0.0096
Total		7.7	2.8	7.0	1.3	0.18

Taluk level Residue-wise Data for Billawar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	4.2	0.042	0.072	0.051	0.0062
Total		4.2	0.042	0.072	0.051	0.0062

Taluk level Residue-wise Data for Hiranagar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	20.7	1.6	3.8	0.87	0.11
Total		20.7	1.6	3.8	0.87	0.11

Taluk level Residue-wise Data for Kathua ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	13.0	32.1	16.0	8.0	1.1
Maize	Stalks	13.0	32.1	64.2	6.4	0.83
Others	Others	4.5	0.045	0.076	0.055	0.0065
Total		17.5	32.1	80.3	14.5	2.0

Taluk level Residue-wise Data for Handwara ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	15.0	9.7	4.9	2.4	0.34
Maize	Stalks	15.0	9.7	19.5	1.9	0.25
Others	Others	5.6	0.11	0.19	0.14	0.016
Total		20.6	9.9	24.6	4.5	0.61

Taluk level Residue-wise Data for Kupwara ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	7.8	5.1	2.5	1.3	0.18
Maize	Stalks	7.8	5.1	10.1	1.0	0.13
Others	Others	5.5	0.11	0.19	0.14	0.016
Total		13.3	5.2	12.9	2.4	0.33

Taluk level Residue-wise Data for Pulwama ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	17.6	0.53	0.79	0.63	0.076
Others	Others	1.3	1.1	2.7	0.49	0.066
Total		18.8	1.6	3.5	1.1	0.14

Taluk level Residue-wise Data for Shupiyan ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	4.6	3.8	1.9	0.95	0.13
Maize	Stalks	4.6	3.8	7.6	0.76	0.099
Others	Others	4.0	0.12	0.21	0.15	0.018
Total		8.7	3.9	9.7	1.9	0.25

Taluk level Residue-wise Data for Tral ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	5.4	4.4	2.2	1.1	0.15
Maize	Stalks	5.4	4.4	8.8	0.88	0.11
Others	Others	3.1	0.092	0.16	0.11	0.013
Total		8.4	4.5	11.2	2.1	0.28

Taluk level Residue-wise Data for Punch ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	23.7	67.6	33.8	16.9	2.4
Maize	Stalks	23.7	67.6	135.2	13.5	1.8
Others	Others	3.6	0.11	0.19	0.13	0.016
Total		27.4	67.7	169.2	30.6	4.1

Taluk level Residue-wise Data for Budhal ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	5.0	13.5	6.8	3.4	0.47
Maize	Stalks	5.0	13.5	27.1	2.7	0.35
Total		5.0	13.5	33.8	6.1	0.83

Taluk level Residue-wise Data for Kalakote ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	1.9	5.2	2.6	1.3	0.18
Maize	Stalks	1.9	5.2	10.4	1.0	0.13
Total		1.9	5.2	13.0	2.3	0.32

Taluk level Residue-wise Data for Nowshehra ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	13.8	37.8	18.9	9.4	1.3
Maize	Stalks	13.8	37.8	75.6	7.6	0.98
Others	Others	3.9	0.078	0.13	0.096	0.011
Total		17.8	37.9	94.6	17.1	2.3

Taluk level Residue-wise Data for Rajauri ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	18.2	49.8	24.9	12.4	1.7
Maize	Stalks	18.2	49.8	99.5	10.0	1.3
Others	Others	2.3	0.047	0.080	0.057	0.0069
Total		20.6	49.8	124.5	22.4	3.0

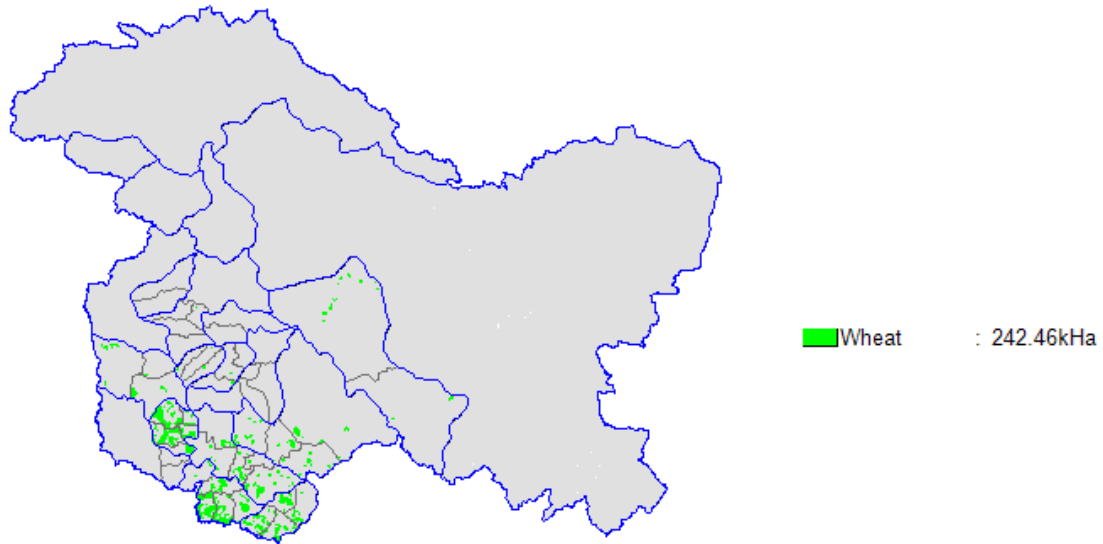
Taluk level Residue-wise Data for Sunderbani ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	6.2	16.8	8.4	4.2	0.59
Maize	Stalks	6.2	16.8	33.6	3.4	0.44
Total		6.2	16.8	42.0	7.6	1.0

Taluk level Residue-wise Data for Ganderbal ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	5.5	0.27	0.59	0.21	0.026
Total		5.5	0.27	0.59	0.21	0.026

Taluk level Residue-wise Data for Srinagar ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	4.7	6.7	3.3	1.7	0.23
Maize	Stalks	4.7	6.7	13.4	1.3	0.17
Others	Others	7.2	0.14	0.24	0.18	0.021
Total		11.8	6.8	16.9	3.2	0.43

Rabi

Jammu & Kashmir-Rabi



State-level Residue-wise

State level Residue-wise Data for Jammu & Kashmir; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	242.5	369.9	554.9	111.0	14.4
Wheat	Pod	242.5	369.9	111.0	22.2	3.1
Total		242.5	369.9	665.9	133.2	17.5

State-level District-wise

State level District-wise Data for Jammu & Kashmir ; Season : Rabi					
District	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jammu	95.5	170.9	307.6	61.5	8.1
Kathua	48.7	74.1	133.3	26.7	3.5
Rajauri	38.9	47.1	84.8	17.0	2.2
Udhampur	35.9	44.5	80.1	16.0	2.1
Punch	11.3	22.3	40.1	8.0	1.1
Doda	9.1	8.7	15.7	3.1	0.41
Kargil	1.6	1.4	2.6	0.51	0.068
Badgam	0.51	0.41	0.73	0.15	0.019
Pulwama	0.41	0.31	0.55	0.11	0.014
Baramula	0.51	0.20	0.36	0.073	0.0096
Total	242.5	369.9	665.9	133.2	17.5

State-level Taluk-wise

State level Taluk-wise Data for Jammu & Kashmir ; Season : Rabi						
District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Jammu	Ranbirsingh Pora	39.8	71.3	128.3	25.7	3.4
Jammu	Bishna	35.1	62.8	113.1	22.6	3.0
Kathua	Hiranagar	20.7	31.4	56.6	11.3	1.5
Jammu	Jammu	14.8	26.4	47.6	9.5	1.3
Kathua	Kathua	14.7	22.4	40.3	8.1	1.1
Punch	Punch	11.3	22.3	40.1	8.0	1.1
Udhampur	Ramnagar	13.3	16.5	29.7	5.9	0.78
Udhampur	Udhampur	13.0	16.2	29.1	5.8	0.77
Rajauri	Nowshehra	13.3	16.1	29.0	5.8	0.76
Rajauri	Rajauri	12.8	15.5	27.9	5.6	0.73
Kathua	Billawar	6.7	10.2	18.4	3.7	0.48
Kathua	Bashohli	6.6	10.0	18.1	3.6	0.48
Jammu	Samba	5.3	9.5	17.2	3.4	0.45
Udhampur	Gool Gulab Garh	5.6	6.9	12.5	2.5	0.33

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Rajauri	Kalakote	5.3	6.4	11.6	2.3	0.31
Rajauri	Sunderbani	5.0	6.1	10.9	2.2	0.29
Udhampur	Reasi	2.6	3.2	5.7	1.1	0.15
Rajauri	Budhal	2.4	3.0	5.3	1.1	0.14
Doda	Kishtwar	2.8	2.7	4.9	0.97	0.13
Doda	Doda	2.3	2.3	4.1	0.81	0.11
Doda	Ramban	2.2	2.1	3.8	0.75	0.099
Udhampur	Chenani	1.4	1.8	3.2	0.63	0.083
Doda	Bhaderwah	1.7	1.7	3.0	0.60	0.079
Kargil	Kargil	1.5	1.3	2.3	0.46	0.061
Jammu	Akhnoor	0.46	0.83	1.5	0.30	0.039
Badgam	Badgam	0.26	0.21	0.37	0.074	0.0098
Pulwama	Shupiyan	0.25	0.19	0.34	0.068	0.0089
Badgam	Chadura	0.22	0.18	0.32	0.064	0.0085
Baramula	Sonawari	0.42	0.17	0.31	0.061	0.0080
Kargil	Zanskar	0.17	0.15	0.27	0.055	0.0072
Pulwama	Pulwama	0.16	0.12	0.21	0.042	0.0055
Baramula	Sopore	0.078	0.031	0.056	0.011	0.0015
Badgam	Beerwah	0.028	0.023	0.041	0.0081	0.0011
Baramula	Baramula	0.0040	0.0016	0.0029	0.00058	7.62E-05
Total		242.5	369.9	665.9	133.2	17.5

District-level Residue-wise

District level Residue-wise Data for Badgam; 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	0.41	0.73	0.15	0.019
Total		0.51	0.41	0.73	0.15	0.019

District level Residue-wise Data for Baramula; 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	0.20	0.36	0.073	0.0096
Total		0.51	0.20	0.36	0.073	0.0096

District level Residue-wise Data for Doda; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	9.1	8.7	13.1	2.6	0.34
Wheat	Pod	9.1	8.7	2.6	0.52	0.073
Total		9.1	8.7	15.7	3.1	0.41

District level Residue-wise Data for Jammu; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	95.5	170.9	256.3	51.3	6.7
Wheat	Pod	95.5	170.9	51.3	10.3	1.4
Total		95.5	170.9	307.6	61.5	8.1

District level Residue-wise Data for Kargil; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	1.6	1.4	2.1	0.43	0.056
Others	Others	0	0	0.43	0.086	0.012
Total		1.6	1.4	2.6	0.51	0.068

District level Residue-wise Data for Kathua; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	48.7	74.1	111.1	22.2	2.9
Wheat	Pod	48.7	74.1	22.2	4.4	0.62
Total		48.7	74.1	133.3	26.7	3.5

District level Residue-wise Data for Pulwama; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.41	0.31	0.55	0.11	0.014
Total		0.41	0.31	0.55	0.11	0.014

District level Residue-wise Data for Punch; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	11.3	22.3	33.4	6.7	0.87
Wheat	Pod	11.3	22.3	6.7	1.3	0.19
Total		11.3	22.3	40.1	8.0	1.1

District level Residue-wise Data for Rajauri; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	38.9	47.1	70.7	14.1	1.8
Wheat	Pod	38.9	47.1	14.1	2.8	0.40
Total		38.9	47.1	84.8	17.0	2.2

District level Residue-wise Data for Udhampur; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	35.9	44.5	66.8	13.4	1.7
Wheat	Pod	35.9	44.5	13.4	2.7	0.37
Total		35.9	44.5	80.1	16.0	2.1

District-level Taluk-wise

DistrictLevel Taluk-wise Data for Badgam ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Badgam	0.26	0.21	0.37	0.074	0.0098
Chadura	0.22	0.18	0.32	0.064	0.0085
Beerwah	0.028	0.023	0.041	0.0081	0.0011
Total	0.51	0.41	0.73	0.15	0.019

DistrictLevel Taluk-wise Data for Baramula ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sonawari	0.42	0.17	0.31	0.061	0.0080
Sopore	0.078	0.031	0.056	0.011	0.0015
Baramula	0.0040	0.0016	0.0029	0.00058	7.62E-05
Total	0.51	0.20	0.36	0.073	0.0096

DistrictLevel Taluk-wise Data for Doda ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kishtwar	2.8	2.7	4.9	0.97	0.13
Doda	2.3	2.3	4.1	0.81	0.11
Ramban	2.2	2.1	3.8	0.75	0.099
Bhaderwah	1.7	1.7	3.0	0.60	0.079
Total	9.1	8.7	15.7	3.1	0.41

DistrictLevel Taluk-wise Data for Jammu ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Ranbirsingh Pora	39.8	71.3	128.3	25.7	3.4
Bishna	35.1	62.8	113.1	22.6	3.0
Jammu	14.8	26.4	47.6	9.5	1.3
Samba	5.3	9.5	17.2	3.4	0.45
Akhnoor	0.46	0.83	1.5	0.30	0.039
Total	95.5	170.9	307.6	61.5	8.1

DistrictLevel Taluk-wise Data for Kargil ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kargil	1.5	1.3	2.3	0.46	0.061
Zanskar	0.17	0.15	0.27	0.055	0.0072
Total	1.6	1.4	2.6	0.51	0.068

DistrictLevel Taluk-wise Data for Kathua ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Hiranagar	20.7	31.4	56.6	11.3	1.5
Kathua	14.7	22.4	40.3	8.1	1.1
Billawar	6.7	10.2	18.4	3.7	0.48
Bashohli	6.6	10.0	18.1	3.6	0.48
Total	48.7	74.1	133.3	26.7	3.5

DistrictLevel Taluk-wise Data for Pulwama ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Shupiyani	0.25	0.19	0.34	0.068	0.0089
Pulwama	0.16	0.12	0.21	0.042	0.0055
Total	0.41	0.31	0.55	0.11	0.014

DistrictLevel Taluk-wise Data for Punch ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Punch	11.3	22.3	40.1	8.0	1.1
Total	11.3	22.3	40.1	8.0	1.1

DistrictLevel Taluk-wise Data for Rajauri ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Nowshetra	13.3	16.1	29.0	5.8	0.76
Rajauri	12.8	15.5	27.9	5.6	0.73
Kalakote	5.3	6.4	11.6	2.3	0.31
Sunderbani	5.0	6.1	10.9	2.2	0.29
Budhal	2.4	3.0	5.3	1.1	0.14
Total	38.9	47.1	84.8	17.0	2.2

DistrictLevel Taluk-wise Data for Udhampur ; Season : Rabi					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Ramnagar	13.3	16.5	29.7	5.9	0.78
Udhampur	13.0	16.2	29.1	5.8	0.77
Gool Gulab Garh	5.6	6.9	12.5	2.5	0.33
Reasi	2.6	3.2	5.7	1.1	0.15
Chenani	1.4	1.8	3.2	0.63	0.083
Total	35.9	44.5	80.1	16.0	2.1

Taluk-level Residue-wise

Taluk level Residue-wise Data for Badgam ; 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	0.21	0.37	0.074	0.0098
Total		0.26	0.21	0.37	0.074	0.0098

Taluk level Residue-wise Data for Beerwah ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.028	0.023	0.041	0.0081	0.0011
Total		0.028	0.023	0.041	0.0081	0.0011

Taluk level Residue-wise Data for Chadura ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.22	0.18	0.32	0.064	0.0085
Total		0.22	0.18	0.32	0.064	0.0085

Taluk level Residue-wise Data for Baramula ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.0040	0.0016	0.0029	0.00058	7.62E-05
Total		0.0040	0.0016	0.0029	0.00058	7.62E-05

Taluk level Residue-wise Data for Sonawari ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.42	0.17	0.31	0.061	0.0080
Total		0.42	0.17	0.31	0.061	0.0080

Taluk level Residue-wise Data for Sopore ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.078	0.031	0.056	0.011	0.0015
Total		0.078	0.031	0.056	0.011	0.0015

Taluk level Residue-wise Data for Bhaderwah ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	1.7	1.7	2.5	0.50	0.065
Others	Others	0	0	0.50	0.100	0.014
Total		1.7	1.7	3.0	0.60	0.079

Taluk level Residue-wise Data for Doda ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	2.3	2.3	3.4	0.68	0.088
Others	Others	0	0	0.68	0.14	0.019
Total		2.3	2.3	4.1	0.81	0.11

Taluk level Residue-wise Data for Kishtwar ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	2.8	2.7	4.0	0.81	0.11
Others	Others	0	0	0.81	0.16	0.023
Total		2.8	2.7	4.9	0.97	0.13

Taluk level Residue-wise Data for Ramban ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	2.2	2.1	3.1	0.63	0.081
Others	Others	0	0	0.63	0.13	0.018
Total		2.2	2.1	3.8	0.75	0.099

Taluk level Residue-wise Data for Akhnoor ; 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	0.83	1.5	0.30	0.039
Total		0.46	0.83	1.5	0.30	0.039

Taluk level Residue-wise Data for Bishna ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	35.1	62.8	94.3	18.9	2.5
Wheat	Pod	35.1	62.8	18.9	3.8	0.53
Total		35.1	62.8	113.1	22.6	3.0

Taluk level Residue-wise Data for Jammu ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	14.8	26.4	39.6	7.9	1.0
Wheat	Pod	14.8	26.4	7.9	1.6	0.22
Total		14.8	26.4	47.6	9.5	1.3

Taluk level Residue-wise Data for Ranbirsingh Pora ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	39.8	71.3	106.9	21.4	2.8
Wheat	Pod	39.8	71.3	21.4	4.3	0.60
Total		39.8	71.3	128.3	25.7	3.4

Taluk level Residue-wise Data for Samba ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	5.3	9.5	14.3	2.9	0.37
Wheat	Pod	5.3	9.5	2.9	0.57	0.080
Total		5.3	9.5	17.2	3.4	0.45

Taluk level Residue-wise Data for Kargil ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.5	1.3	2.3	0.46	0.061
Total		1.5	1.3	2.3	0.46	0.061

Taluk level Residue-wise Data for Zanskar ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.17	0.15	0.27	0.055	0.0072
Total		0.17	0.15	0.27	0.055	0.0072

Taluk level Residue-wise Data for Bashohli ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	6.6	10.0	15.0	3.0	0.39
Wheat	Pod	6.6	10.0	3.0	0.60	0.084
Total		6.6	10.0	18.1	3.6	0.48

Taluk level Residue-wise Data for Billawar ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	6.7	10.2	15.3	3.1	0.40
Wheat	Pod	6.7	10.2	3.1	0.61	0.086
Total		6.7	10.2	18.4	3.7	0.48

Taluk level Residue-wise Data for Hiranagar ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	20.7	31.4	47.2	9.4	1.2
Wheat	Pod	20.7	31.4	9.4	1.9	0.26
Total		20.7	31.4	56.6	11.3	1.5

Taluk level Residue-wise Data for Kathua ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	14.7	22.4	33.5	6.7	0.87
Wheat	Pod	14.7	22.4	6.7	1.3	0.19
Total		14.7	22.4	40.3	8.1	1.1

Taluk level Residue-wise Data for Pulwama ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.16	0.12	0.21	0.042	0.0055
Total		0.16	0.12	0.21	0.042	0.0055

Taluk level Residue-wise Data for Shupiyan ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.25	0.19	0.34	0.068	0.0089
Total		0.25	0.19	0.34	0.068	0.0089

Taluk level Residue-wise Data for Punch ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	11.3	22.3	33.4	6.7	0.87
Wheat	Pod	11.3	22.3	6.7	1.3	0.19
Total		11.3	22.3	40.1	8.0	1.1

Taluk level Residue-wise Data for Budhal ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	2.4	3.0	4.4	0.89	0.12
Others	Others	0	0	0.89	0.18	0.025
Total		2.4	3.0	5.3	1.1	0.14

Taluk level Residue-wise Data for Kalakote ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	5.3	6.4	9.7	1.9	0.25
Wheat	Pod	5.3	6.4	1.9	0.39	0.054
Total		5.3	6.4	11.6	2.3	0.31

Taluk level Residue-wise Data for Nowshehra ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	13.3	16.1	24.2	4.8	0.63
Wheat	Pod	13.3	16.1	4.8	0.97	0.14
Total		13.3	16.1	29.0	5.8	0.76

Taluk level Residue-wise Data for Rajauri ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	12.8	15.5	23.3	4.7	0.60
Wheat	Pod	12.8	15.5	4.7	0.93	0.13
Total		12.8	15.5	27.9	5.6	0.73

Taluk level Residue-wise Data for Sunderbani ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	5.0	6.1	9.1	1.8	0.24
Wheat	Pod	5.0	6.1	1.8	0.36	0.051
Total		5.0	6.1	10.9	2.2	0.29

Taluk level Residue-wise Data for Chenani ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	1.4	1.8	2.6	0.53	0.068
Others	Others	0	0	0.53	0.11	0.015
Total		1.4	1.8	3.2	0.63	0.083

Taluk level Residue-wise Data for Gool Gulab Garh ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	5.6	6.9	10.4	2.1	0.27
Wheat	Pod	5.6	6.9	2.1	0.42	0.058
Total		5.6	6.9	12.5	2.5	0.33

Taluk level Residue-wise Data for Rammagar ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	13.3	16.5	24.8	5.0	0.64
Wheat	Pod	13.3	16.5	5.0	0.99	0.14
Total		13.3	16.5	29.7	5.9	0.78

Taluk level Residue-wise Data for Reasi ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	2.6	3.2	4.8	0.95	0.12
Others	Others	0	0	0.95	0.19	0.027
Total		2.6	3.2	5.7	1.1	0.15

Taluk level Residue-wise Data for Udhampur ; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	13.0	16.2	24.2	4.8	0.63
Wheat	Pod	13.0	16.2	4.8	0.97	0.14
Total		13.0	16.2	29.1	5.8	0.77

Agro

State-level Residue-wise

State level Residue-wise Data for Jammu & Kashmir; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	242.5	369.9	554.9	111.0	14.4
Maize	Cobs	249.1	398.1	199.0	99.5	13.9
Maize	Stalks	249.1	398.1	796.1	79.6	10.3
Wheat	Pod	242.5	369.9	111.0	22.2	3.1
Paddy	Straw	257.9	5.8	8.7	7.0	0.84
Others	Others	0	0	1.2	0.12	0.013
Total		749.4	773.8	1670.9	319.4	42.7

State-level District-wise

State level District-wise Data for Jammu & Kashmir ; Biomass Class : Agro						
District	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)	
Jammu	175.1	209.6	403.4	79.8	10.6	
Rajauri	90.3	170.3	392.7	72.5	9.8	
Kathua	98.8	110.6	224.5	43.4	5.8	
Punch	38.7	90.0	209.3	38.6	5.2	
Doda	63.0	67.1	161.6	29.5	4.0	
Udhampur	35.9	44.5	80.1	16.0	2.1	
Baramula	58.3	23.6	58.3	11.1	1.5	
Anantnag	63.9	20.6	50.5	10.2	1.4	
Kupwara	34.2	15.2	37.8	7.0	0.95	
Pulwama	36.4	10.3	25.0	5.2	0.69	
Srinagar	17.4	7.1	17.5	3.4	0.45	
Badgam	35.9	3.4	7.6	2.2	0.28	
Kargil	1.6	1.4	2.6	0.51	0.068	
Total		749.4	773.8	1670.9	319.4	42.7

State-level Taluk-wise

State level Taluk-wise Data for Jammu & Kashmir ; Biomass Class : Agro						
District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Punch	Punch	38.7	90.0	209.3	38.6	5.2
Rajauri	Rajauri	33.4	65.3	152.4	28.0	3.8
Jammu	Ranbirsingh Pora	39.8	71.3	128.3	25.7	3.4
Rajauri	Nowshehra	31.1	54.0	123.6	22.9	3.1
Jammu	Bishna	67.9	63.5	114.2	23.4	3.1
Kathua	Kathua	32.2	54.5	120.5	22.5	3.0
Jammu	Jammu	36.7	47.7	100.5	19.2	2.6
Doda	Kishtwar	36.0	41.2	101.1	18.3	2.5
Kathua	Hiranagar	41.4	33.0	60.4	12.2	1.6
Rajauri	Sunderbani	11.2	22.9	53.0	9.8	1.3
Baramula	Baramula	23.0	18.4	46.0	8.3	1.1
Jammu	Akhnoor	19.5	16.5	40.5	7.5	1.0
Rajauri	Budhal	7.4	16.5	39.2	7.2	0.97
Udhampur	Ramnagar	13.3	16.5	29.7	5.9	0.78
Udhampur	Udhampur	13.0	16.2	29.1	5.8	0.77
Doda	Bhaderwah	11.3	11.7	28.1	5.2	0.70
Kathua	Bashohli	14.3	12.9	25.1	4.9	0.65
Rajauri	Kalakote	7.2	11.6	24.6	4.7	0.62
Kupwara	Handwara	20.6	9.9	24.6	4.5	0.61
Jammu	Samba	11.2	10.7	19.9	4.0	0.53
Doda	Ramban	10.1	9.0	21.1	3.9	0.53
Anantnag	Anantnag	24.3	7.7	18.7	3.8	0.51
Kathua	Billawar	10.9	10.3	18.5	3.7	0.49
Anantnag	Pahalgam	14.0	7.1	17.5	3.3	0.45
Srinagar	Srinagar	11.8	6.8	16.9	3.2	0.43
Udhampur	Gool Gulab Garh	5.6	6.9	12.5	2.5	0.33
Kupwara	Kupwara	13.3	5.2	12.9	2.4	0.33
Doda	Doda	5.6	5.2	11.4	2.1	0.29
Pulwama	Tral	8.4	4.5	11.2	2.1	0.28
Pulwama	Shupiyan	8.9	4.1	10.1	1.9	0.26
Anantnag	Kulgam	12.9	3.8	9.2	1.9	0.25
Udhampur	Reasi	2.6	3.2	5.7	1.1	0.15
Pulwama	Pulwama	19.0	1.7	3.7	1.2	0.15

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Baramula	Sopore	6.9	2.2	5.4	1.1	0.14
Badgam	Badgam	17.4	1.2	2.4	0.87	0.11
Badgam	Chadura	11.0	1.4	3.1	0.78	0.10
Anantnag	Doru	4.1	1.3	3.3	0.66	0.088
Baramula	Gulmarg	11.9	1.1	2.5	0.66	0.085
Udhampur	Chenani	1.4	1.8	3.2	0.63	0.083
Baramula	Bandipora	6.3	1.1	2.6	0.56	0.073
Anantnag	Bijbehara	8.6	0.76	1.7	0.53	0.067
Badgam	Beerwah	7.5	0.88	2.1	0.51	0.067
Baramula	Sonawari	10.2	0.80	1.7	0.49	0.062
Kargil	Kargil	1.5	1.3	2.3	0.46	0.061
Srinagar	Ganderbal	5.5	0.27	0.59	0.21	0.026
Kupwara		0.25	0.15	0.37	0.067	0.0090
Kargil	Zanskar	0.17	0.15	0.27	0.055	0.0072
Total		749.4	773.8	1670.9	319.4	42.7

District-level Residue-wise

District level Residue-wise Data for Anantnag; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	22.0	19.3	9.7	4.8	0.68
Maize	Stalks	22.0	19.3	38.7	3.9	0.50
Paddy	Straw	42.0	1.3	1.9	1.5	0.18
Others	Others	0	0	0.25	0.025	0.0028
Total		63.9	20.6	50.5	10.2	1.4

District level Residue-wise Data for Badgam; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	28.4	0.85	1.3	1.0	0.12
Maize	Cobs	7.0	2.2	1.1	0.54	0.076
Maize	Stalks	7.0	2.2	4.3	0.43	0.056
Others	Others	0.51	0.41	0.90	0.16	0.021
Total		35.9	3.4	7.6	2.2	0.28

District level Residue-wise Data for Baramula; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	24.7	22.7	11.4	5.7	0.80
Maize	Stalks	24.7	22.7	45.5	4.5	0.59
Paddy	Straw	33.1	0.66	0.99	0.79	0.095
Others	Others	0.51	0.20	0.50	0.086	0.011
Total		58.3	23.6	58.3	11.1	1.5

District level Residue-wise Data for Doda; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	49.8	58.3	29.1	14.6	2.0
Maize	Stalks	49.8	58.3	116.6	11.7	1.5
Wheat	Stalks	9.1	8.7	13.1	2.6	0.34
Wheat	Pod	9.1	8.7	2.6	0.52	0.073
Others	Others	4.1	0.12	0.21	0.15	0.018
Total		63.0	67.1	161.6	29.5	4.0

District level Residue-wise Data for Jammu; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	95.5	170.9	256.3	51.3	6.7
Wheat	Pod	95.5	170.9	51.3	10.3	1.4
Maize	Cobs	23.0	37.5	18.8	9.4	1.3
Maize	Stalks	23.0	37.5	75.1	7.5	0.98
Paddy	Straw	56.6	1.1	1.7	1.4	0.16
Others	Others	0	0	0.23	0.023	0.0025
Total		175.1	209.6	403.4	79.8	10.6

District level Residue-wise Data for Kargil; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	1.6	1.4	2.1	0.43	0.056
Others	Others	0	0	0.43	0.086	0.012
Total		1.6	1.4	2.6	0.51	0.068

District level Residue-wise Data for Kathua; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	48.7	74.1	111.1	22.2	2.9
Maize	Cobs	14.7	36.2	18.1	9.1	1.3
Maize	Stalks	14.7	36.2	72.5	7.2	0.94
Wheat	Pod	48.7	74.1	22.2	4.4	0.62
Paddy	Straw	35.4	0.35	0.53	0.42	0.051
Others	Others	0	0	0.071	0.0071	0.00078
Total		98.8	110.6	224.5	43.4	5.8

District level Residue-wise Data for Kupwara; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	23.0	15.0	7.5	3.7	0.52
Maize	Stalks	23.0	15.0	29.9	3.0	0.39
Others	Others	11.2	0.22	0.38	0.27	0.033
Total		34.2	15.2	37.8	7.0	0.95

District level Residue-wise Data for Pulwama; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	11.3	9.3	4.6	2.3	0.32
Maize	Stalks	11.3	9.3	18.5	1.9	0.24
Paddy	Straw	24.7	0.74	1.1	0.89	0.11
Others	Others	0.41	0.31	0.70	0.12	0.016
Total		36.4	10.3	25.0	5.2	0.69

District level Residue-wise Data for Punch; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	23.7	67.6	33.8	16.9	2.4
Maize	Stalks	23.7	67.6	135.2	13.5	1.8
Wheat	Stalks	11.3	22.3	33.4	6.7	0.87
Wheat	Pod	11.3	22.3	6.7	1.3	0.19
Others	Others	3.6	0.11	0.19	0.13	0.016
Total		38.7	90.0	209.3	38.6	5.2

District level Residue-wise Data for Rajauri; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	45.1	123.1	61.5	30.8	4.3
Maize	Stalks	45.1	123.1	246.2	24.6	3.2
Wheat	Stalks	38.9	47.1	70.7	14.1	1.8
Wheat	Pod	38.9	47.1	14.1	2.8	0.40
Others	Others	6.3	0.13	0.21	0.15	0.018
Total		90.3	170.3	392.7	72.5	9.8

District level Residue-wise Data for Srinagar; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Cobs	4.8	6.8	3.4	1.7	0.24
Maize	Stalks	4.8	6.8	13.7	1.4	0.18
Others	Others	12.6	0.25	0.43	0.31	0.037
Total		17.4	7.1	17.5	3.4	0.45

District level Residue-wise Data for Udhampur; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wheat	Stalks	35.9	44.5	66.8	13.4	1.7
Wheat	Pod	35.9	44.5	13.4	2.7	0.37
Total		35.9	44.5	80.1	16.0	2.1

District-level Taluk-wise

DistrictLevel Taluk-wise Data for Anantnag ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Anantnag	24.3	7.7	18.7	3.8	0.51
Pahalgam	14.0	7.1	17.5	3.3	0.45
Kulgam	12.9	3.8	9.2	1.9	0.25
Doru	4.1	1.3	3.3	0.66	0.088
Bijbehara	8.6	0.76	1.7	0.53	0.067
Total	63.9	20.6	50.5	10.2	1.4

DistrictLevel Taluk-wise Data for Badgam ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Badgam	17.4	1.2	2.4	0.87	0.11
Chadura	11.0	1.4	3.1	0.78	0.10
Beerwah	7.5	0.88	2.1	0.51	0.067
Total	35.9	3.4	7.6	2.2	0.28

DistrictLevel Taluk-wise Data for Baramula ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Baramula	23.0	18.4	46.0	8.3	1.1
Sopore	6.9	2.2	5.4	1.1	0.14
Gulmarg	11.9	1.1	2.5	0.66	0.085
Bandipora	6.3	1.1	2.6	0.56	0.073
Sonawari	10.2	0.80	1.7	0.49	0.062
Total	58.3	23.6	58.3	11.1	1.5

DistrictLevel Taluk-wise Data for Doda ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kishtwar	36.0	41.2	101.1	18.3	2.5
Bhaderwah	11.3	11.7	28.1	5.2	0.70
Ramban	10.1	9.0	21.1	3.9	0.53
Doda	5.6	5.2	11.4	2.1	0.29
Total	63.0	67.1	161.6	29.5	4.0

DistrictLevel Taluk-wise Data for Jammu ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Ranbirsingh Pora	39.8	71.3	128.3	25.7	3.4
Bishna	67.9	63.5	114.2	23.4	3.1
Jammu	36.7	47.7	100.5	19.2	2.6
Akhnoor	19.5	16.5	40.5	7.5	1.0
Samba	11.2	10.7	19.9	4.0	0.53
Total	175.1	209.6	403.4	79.8	10.6

DistrictLevel Taluk-wise Data for Kargil ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kargil	1.5	1.3	2.3	0.46	0.061
Zanskar	0.17	0.15	0.27	0.055	0.0072
Total	1.6	1.4	2.6	0.51	0.068

DistrictLevel Taluk-wise Data for Kathua ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kathua	32.2	54.5	120.5	22.5	3.0
Hiranagar	41.4	33.0	60.4	12.2	1.6
Bashohli	14.3	12.9	25.1	4.9	0.65
Billawar	10.9	10.3	18.5	3.7	0.49
Total	98.8	110.6	224.5	43.4	5.8

DistrictLevel Taluk-wise Data for Kupwara ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Handwara	20.6	9.9	24.6	4.5	0.61
Kupwara	13.3	5.2	12.9	2.4	0.33
	0.25	0.15	0.37	0.067	0.0090
Total	34.2	15.2	37.8	7.0	0.95

DistrictLevel Taluk-wise Data for Pulwama ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Tral	8.4	4.5	11.2	2.1	0.28
Shupiyan	8.9	4.1	10.1	1.9	0.26
Pulwama	19.0	1.7	3.7	1.2	0.15
Total	36.4	10.3	25.0	5.2	0.69

DistrictLevel Taluk-wise Data for Punch ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Punch	38.7	90.0	209.3	38.6	5.2
Total	38.7	90.0	209.3	38.6	5.2

DistrictLevel Taluk-wise Data for Rajauri ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Rajauri	33.4	65.3	152.4	28.0	3.8
Nowshehra	31.1	54.0	123.6	22.9	3.1
Sunderbani	11.2	22.9	53.0	9.8	1.3
Budhal	7.4	16.5	39.2	7.2	0.97
Kalakote	7.2	11.6	24.6	4.7	0.62
Total	90.3	170.3	392.7	72.5	9.8

DistrictLevel Taluk-wise Data for Srinagar ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Srinagar	11.8	6.8	16.9	3.2	0.43
Ganderbal	5.5	0.27	0.59	0.21	0.026
Total	17.4	7.1	17.5	3.4	0.45

DistrictLevel Taluk-wise Data for Udhampur ; Biomass Class : Agro					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Ramnagar	13.3	16.5	29.7	5.9	0.78
Udhampur	13.0	16.2	29.1	5.8	0.77
Gool Gulab Garh	5.6	6.9	12.5	2.5	0.33
Reasi	2.6	3.2	5.7	1.1	0.15
Chenani	1.4	1.8	3.2	0.63	0.083
Total	35.9	44.5	80.1	16.0	2.1

Taluk-level Residue-wise

Taluk level Residue-wise Data for Bishnupur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.033	0.037	0.10	0.080	0.011
Total		0.033	0.037	0.10	0.080	0.011

Taluk level Residue-wise Data for Moinrag ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Coffee	Pruning & Wastes	0.12	0.0014	0.48	0.38	0.053
Others	Others	0.056	0.25	0.013	0.0013	0.00019
Total		0.18	0.25	0.49	0.38	0.054

Taluk level Residue-wise Data for Chakpikarong ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.72	0.43	2.8	0.69	0.096
Maize	Stalks	4.8	3.6	7.2	0.72	0.094
Total		5.5	4.0	10.0	1.4	0.19

Taluk level Residue-wise Data for Chandel ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	8.4	6.3	12.6	1.3	0.16
Others	Others	0.62	0.39	3.9	0.63	0.087
Total		9.0	6.7	16.5	1.9	0.25

Taluk level Residue-wise Data for Tengnoupal ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.7	1.1	3.2	0.60	0.079
Maize	Stalks	3.6	2.7	5.4	0.54	0.070
Cotton	Stalks	0.16	0.099	0.59	0.47	0.066
Total		5.4	3.9	9.2	1.6	0.22

Taluk level Residue-wise Data for Churachandpur ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	10.5	11.9	23.8	2.4	0.31
Cotton	Stalks	0.46	0.55	1.8	1.4	0.20
Maize	Cobs	10.5	11.9	6.0	0.60	0.083
Paddy	Straw	2.8	3.6	5.4	0.54	0.065
Paddy	Husk	2.8	3.6	0.72	0.58	0.063
Others	Others	0.63	1.0	2.6	0.28	0.038
Total		14.4	17.1	40.3	5.8	0.76

Taluk level Residue-wise Data for Churachandpur North ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	0.24	0.29	0.91	0.72	0.10
Others	Others	0.49	0.71	1.7	0.23	0.030
Total		0.72	0.99	2.6	0.95	0.13

Taluk level Residue-wise Data for Singngat ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	0.50	0.59	1.9	1.5	0.21
Others	Others	0.86	1.1	3.5	0.50	0.068
Total		1.4	1.7	5.4	2.0	0.28

Taluk level Residue-wise Data for Thanlon ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Cotton	Stalks	0.72	0.86	2.7	2.2	0.30
Paddy	Straw	10.9	14.0	21.1	2.1	0.25
Paddy	Husk	10.9	14.0	2.8	2.2	0.25
Maize	Stalks	4.7	5.4	10.7	1.1	0.14
Others	Others	0.45	0.48	5.6	0.87	0.12
Total		16.8	20.7	42.9	8.5	1.1

Taluk level Residue-wise Data for Tipaimukh ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	20.6	23.3	46.6	4.7	0.61
Maize	Cobs	20.6	23.3	11.6	1.2	0.16
Cotton	Stalks	0.34	0.41	1.3	1.0	0.15
Others	Others	0.22	0.17	1.2	0.20	0.027
Total		21.2	23.9	60.8	7.1	0.94

Taluk level Residue-wise Data for Imphal East I ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	8.8	6.9	10.3	1.0	0.12
Paddy	Husk	8.8	6.9	1.4	1.1	0.12
Others	Others	0.40	0.60	1.2	0.12	0.016
Total		9.2	7.5	12.8	2.2	0.26

Taluk level Residue-wise Data for Imphal East II ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	4.4	8.4	16.8	1.7	0.22
Paddy	Straw	10.4	8.1	12.2	1.2	0.15
Paddy	Husk	10.4	8.1	1.6	1.3	0.14
Maize	Cobs	4.4	8.4	4.2	0.42	0.059
Others	Others	0.018	0.022	0.030	0.0035	0.00044
Total		14.8	16.5	34.8	4.6	0.57

Taluk level Residue-wise Data for Imphal West I ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.11	0.10	0.20	0.031	0.0037
Total		0.11	0.10	0.20	0.031	0.0037

Taluk level Residue-wise Data for Imphal West II ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	13.0	10.2	15.3	1.5	0.18
Paddy	Husk	13.0	10.2	2.0	1.6	0.18
Others	Others	0.59	1.1	2.6	0.27	0.035
Total		13.6	11.2	19.9	3.4	0.40

Taluk level Residue-wise Data for Jiribam ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	5.0	9.7	19.4	1.9	0.25
Maize	Cobs	5.0	9.7	4.9	0.49	0.068
Others	Others	1.1	0.91	1.5	0.27	0.031
Total		6.1	10.6	25.8	2.7	0.35

Taluk level Residue-wise Data for Maomaram ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	5.9	4.2	8.3	1.3	0.17
Total		5.9	4.2	8.3	1.3	0.17

Taluk level Residue-wise Data for Paomata ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	13.8	10.8	16.2	1.6	0.19
Paddy	Husk	13.8	10.8	2.2	1.7	0.19
Others	Others	0.89	0.80	2.3	0.65	0.090
Maize	Stalks	4.2	2.1	4.2	0.42	0.055
Total		19.0	13.7	24.9	4.4	0.53

Taluk level Residue-wise Data for Sadar Hills East ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	16.1	8.0	16.1	1.6	0.21
Paddy	Straw	6.2	4.9	7.3	0.73	0.087
Paddy	Husk	6.2	4.9	0.97	0.78	0.086
Maize	Cobs	16.1	8.0	4.0	0.40	0.056
Others	Others	0.28	0.28	0.64	0.32	0.044
Total		22.6	13.2	29.0	3.8	0.48

Taluk level Residue-wise Data for Sadar Hills West ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	3.8	2.9	4.9	0.87	0.10
Total		3.8	2.9	4.9	0.87	0.10

Taluk level Residue-wise Data for Nungba ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	11.6	24.7	49.3	4.9	0.64
Paddy	Straw	17.1	13.3	20.0	2.0	0.24
Paddy	Husk	17.1	13.3	2.7	2.1	0.23
Maize	Cobs	11.6	24.7	12.3	1.2	0.17
Cotton	Stalks	0.18	0.35	0.68	0.54	0.076
Others	Others	1.0	0.86	1.7	0.43	0.059
Total		29.9	39.2	86.7	11.3	1.4

Taluk level Residue-wise Data for Tamenglang ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	2.9	6.1	12.1	1.2	0.16
Others	Others	2.1	1.8	5.6	0.81	0.10
Total		5.0	7.9	17.8	2.0	0.26

Taluk level Residue-wise Data for Tamenglong North ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	13.6	28.8	57.7	5.8	0.75
Maize	Cobs	13.6	28.8	14.4	1.4	0.20
Others	Others	1.5	1.6	2.9	0.81	0.11
Total		15.1	30.4	75.0	8.0	1.1

Taluk level Residue-wise Data for Tamenglong West ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	3.2	6.8	13.7	1.4	0.18
Others	Others	0.93	0.99	5.4	0.79	0.11
Paddy	Straw	4.6	4.6	6.9	0.69	0.083
Paddy	Husk	4.6	4.6	0.93	0.74	0.081
Cotton	Stalks	0.17	0.30	0.66	0.53	0.074
Total		9.0	12.8	27.6	4.1	0.53

Taluk level Residue-wise Data for Kakching ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	10.1	7.6	11.4	1.1	0.14
Paddy	Husk	10.1	7.6	1.5	1.2	0.13
Others	Others	0.53	0.34	0.61	0.13	0.018
Total		10.7	7.9	13.5	2.5	0.29

Taluk level Residue-wise Data for Thoubal ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	15.9	11.9	17.9	1.8	0.21
Paddy	Husk	15.9	11.9	2.4	1.9	0.21
Others	Others	0.088	0.037	0.15	0.11	0.016
Total		16.0	12.0	20.4	3.8	0.44

Taluk level Residue-wise Data for Khamjong Chassad ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	5.7	18.5	37.0	3.7	0.48
Maize	Cobs	5.7	18.5	9.2	0.92	0.13
Others	Others	2.0	2.2	3.7	0.84	0.10
Total		7.8	20.7	50.0	5.5	0.71

Taluk level Residue-wise Data for Phungyar Paisat ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	10.6	34.3	68.5	6.9	0.89
Maize	Cobs	10.6	34.3	17.1	1.7	0.24
Others	Others	0.63	0.63	1.2	0.39	0.051
Total		11.2	34.9	86.9	9.0	1.2

Taluk level Residue-wise Data for Ukhrul Central ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	11.8	38.1	76.2	7.6	0.99
Maize	Cobs	11.8	38.1	19.1	1.9	0.27
Coffee	Pruning & Wastes	0.33	0.0079	1.3	1.1	0.15
Others	Others	1.6	1.6	2.9	0.78	0.100
Total		13.6	39.7	99.5	11.4	1.5

Taluk level Residue-wise Data for Ukhrul North ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.16	0.20	0.62	0.22	0.030
Total		0.16	0.20	0.62	0.22	0.030

Taluk level Residue-wise Data for Ukhrul South ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	8.7	28.2	56.3	5.6	0.73
Maize	Cobs	8.7	28.2	14.1	1.4	0.20
Others	Others	1.8	1.2	2.2	0.63	0.085
Paddy	Straw	2.5	3.0	4.5	0.45	0.054
Paddy	Husk	2.5	3.0	0.60	0.48	0.053
Total		13.0	32.4	77.7	8.6	1.1

Note:

Biomass Data for 'Yearly' for 'Jammu and Kashmir' is not Available , i.e. Perennial crops data are not available at CGPL

Others' contributes to collection of crops whose Power Potential is less than 0.05MWyre. These residues will not be separately listed instead they are aggregated into 'Others'.

The Tolerance for the above data at Taluk level is about 25%. The residue-wise data at taluk level may have a tolerance of more than 25% depending on spatial availability of agro-area and spatial aggregation as compared to statistically reported crop area. District Survey instituted by MNRE [Ministry of New & Renewable Energy] was done and biomass was reported for period beyond 1999 of the States country wide. The updated crop data at the district level is used as an input to construct the Biomass Atlas Enabling spatial extraction of the biomass data tables above.