Biomass Mapping for Power Generation for Nagaland

Biomass Manual

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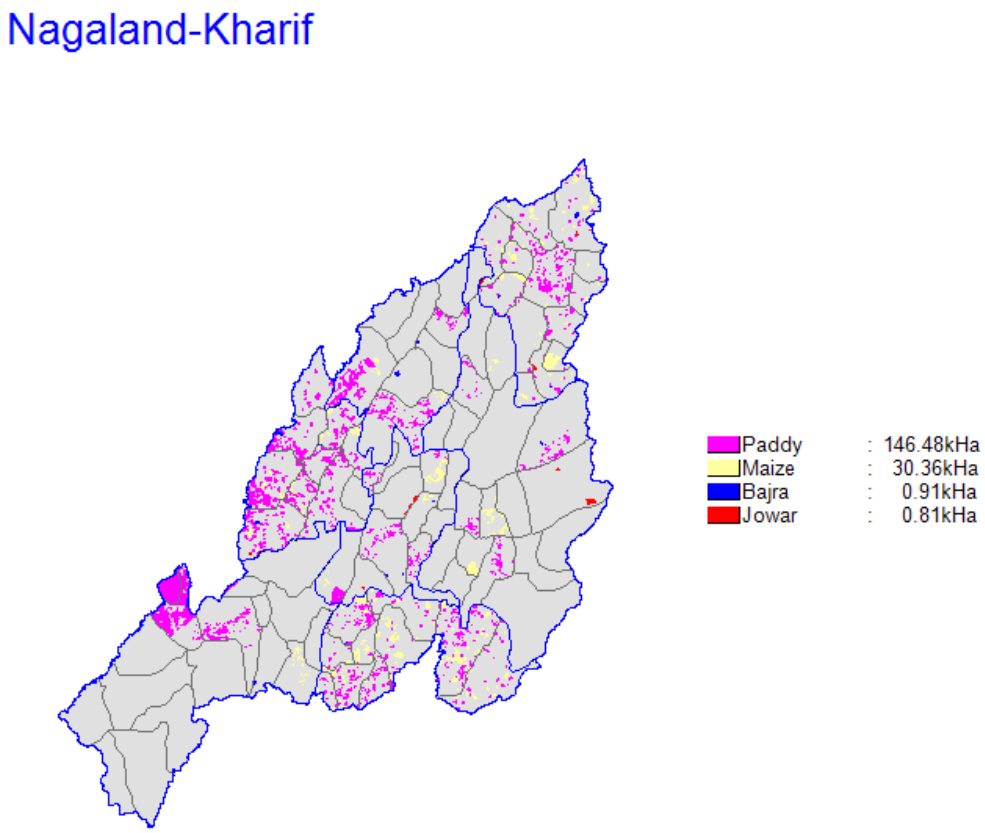
Biomass Assessment for Nagaland Kharif, Rabi,Yearly and Agro

Biomass Assessment for Nagaland

Kharif



State Level Residue Wise

State level Residue-wise Data for Nagaland; Season : Kharif						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Paddy	Straw	146.5	242.5	364.0	36.4	4.4
Paddy	Husk	146.5	242.5	48.5	38.8	4.3
Maize	Stalks	30.4	34.9	69.8	7.0	0.91
Maize	Cobs	30.4	34.9	17.4	1.7	0.24
Others	Others	1.7	1.5	3.9	0.63	0.081
Total		**178.6**	**278.9**	**503.6**	**84.6**	**9.9**

State Level District Wise

State level District-wise Data for Nagaland ; Season : Kharif					
District	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kohima	32.7	99.5	176.7	30.4	3.5
Phek	31.0	39.8	72.7	12.0	1.4
Wokha	28.5	35.4	63.9	10.7	1.3
Mokokchung	24.5	29.8	53.1	9.1	1.1
Mon	21.4	26.5	47.9	8.0	0.94
Tuensang	20.5	24.8	45.9	7.5	0.88
Zunheboto	19.9	23.0	43.4	6.8	0.81
Total	**178.6**	**278.9**	**503.6**	**84.6**	**9.9**

State-level Taluk-wise

State level Taluk-wise Data for Nagaland ; Season : Kharif						
District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kohima	Chumukedima	13.5	43.6	74.2	13.5	1.6
Kohima	Medziphema	8.6	27.8	47.4	8.6	0.99
Mon	Otting	16.3	20.9	35.8	6.5	0.74
Mokokchung	Ongpangkong	16.0	19.2	34.7	5.8	0.68
Kohima	Senjum	5.1	16.4	28.0	5.1	0.59
Phek	Muluri	10.3	13.0	24.2	3.9	0.46
Phek	Chozuba	8.6	11.5	20.0	3.5	0.41
Wokha	Changsu	7.7	9.9	16.8	3.1	0.35
Zunheboto	Satakha	7.8	9.5	16.3	3.0	0.34
Kohima	Khuzama	4.4	8.8	22.0	2.2	0.29
Tuensang	Kiphire	5.7	7.3	12.4	2.3	0.26
Mokokchung	Mongkolemba	5.8	7.1	12.3	2.2	0.25
Tuensang	Noksen	4.8	6.1	10.4	1.9	0.22
Wokha	Bhandari	4.6	6.0	10.2	1.9	0.21

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Wokha	Aitepyong	5.0	5.6	11.9	1.6	0.19
Tuensang	Noklak	4.2	5.3	9.2	1.7	0.19
Phek	Chizame	4.0	5.4	9.1	1.7	0.19
Wokha	Ralan	3.7	4.7	8.2	1.4	0.17
Zunheboto	Pughobeta	4.2	4.4	9.9	1.2	0.15
Mokokchung	Changtongya	2.7	3.4	5.8	1.1	0.12
Phek	Pfutser	2.6	3.3	6.2	0.97	0.11
Zunheboto	Satpo	2.6	3.2	5.4	0.99	0.11
Wokha	Sanis	2.3	3.0	5.2	0.94	0.11
Wokha	Lotsu	2.4	3.0	5.4	0.92	0.11
Zunheboto	V.K	2.4	2.9	5.0	0.90	0.10
Kohima	Nikhekhu	0.84	2.7	4.6	0.84	0.097
Wokha	Baghty	2.1	2.5	4.9	0.75	0.089
Tuensang	Shamator	2.6	2.6	6.4	0.64	0.085
Zunheboto	Suruhoto	2.3	2.5	5.6	0.66	0.083
Tuensang	Chessore	1.3	1.7	2.8	0.51	0.059
Phek	Khezhakeno	1.2	1.6	2.8	0.48	0.055
Phek	Phek Sadar	1.5	1.6	3.6	0.43	0.055
Phek	Chetheba	1.1	1.5	2.6	0.45	0.052
Mon	Wakching	1.1	1.3	2.7	0.36	0.044
Mon	Monyakshu	1.1	1.1	2.7	0.27	0.036
Phek	Phokhungri	0.76	0.97	1.8	0.29	0.034
Mon	Chen	0.62	0.79	1.4	0.24	0.028
Tuensang	Longnmatra	0.84	0.84	2.1	0.21	0.028
Mon	Hunta	0.66	0.71	1.6	0.21	0.026
Tuensang	Longleng	0.73	0.73	1.8	0.18	0.024
Phek	Sekruzu (Phugwu)	0.48	0.56	1.2	0.16	0.019
Phek	Sakraba	0.50	0.52	1.3	0.13	0.017
Mon	Mopong	0.43	0.45	0.87	0.14	0.017
Wokha	Changpang	0.30	0.39	0.67	0.12	0.014
Zunheboto	Asukhomi	0.39	0.39	0.99	0.099	0.013
Tuensang	Panso	0.29	0.29	0.70	0.097	0.013
Kohima	Sechu	0.19	0.19	0.51	0.085	0.011
Mon	Aboi	0.29	0.32	0.70	0.086	0.011
Mon	Tizit	0.30	0.32	0.72	0.084	0.011
Wokha	Sungro	0.27	0.29	0.66	0.078	0.0098
Mon	Naginimora	0.25	0.23	0.50	0.073	0.0091
Mon	Tobu	0.16	0.16	0.39	0.041	0.0053
Mokokchung	Kupolong	0.085	0.085	0.22	0.037	0.0048

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Zunheboto	Atoizu	0.19	0.095	0.23	0.035	0.0046
Mon	Longchen	0.13	0.13	0.31	0.034	0.0044
Mon	Longching	0.062	0.072	0.14	0.021	0.0025
Mon	Phomching	0.032	0.039	0.071	0.012	0.0014
Mokokchung	Chuchuyimlang	0.016	0.016	0.043	0.0072	0.00092
Kohima	Kezocha	0.011	0.011	0.028	0.0047	0.00061
Zunheboto	Ghatashi	0.013	0.0066	0.016	0.0024	0.00032
Total		**178.6**	**278.9**	**503.6**	**84.6**	**9.9**

District-level Residue-wise

District level Residue-wise Data for Kohima; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	28.0	90.3	135.7	13.6	1.6
Paddy	Husk	28.0	90.3	18.1	14.5	1.6
Maize	Stalks	4.5	9.0	17.9	1.8	0.23
Maize	Cobs	4.5	9.0	4.5	0.45	0.063
Others	Others	0.20	0.20	0.53	0.089	0.011
Total		**32.7**	**99.5**	**176.7**	**30.4**	**3.5**

District level Residue-wise Data for Mokokchung; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	21.5	26.9	40.3	4.0	0.48
Paddy	Husk	21.5	26.9	5.4	4.3	0.47
Maize	Stalks	2.9	2.9	5.7	0.57	0.074
Others	Others	0.10	0.10	1.7	0.19	0.026
Total		**24.5**	**29.8**	**53.1**	**9.1**	**1.1**

District level Residue-wise Data for Mon; 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	23.0	34.5	3.4	0.41
Paddy	Husk	17.8	23.0	4.6	3.7	0.40
Maize	Stalks	3.2	3.2	6.4	0.64	0.084
Others	Others	0.41	0.31	2.4	0.28	0.038
Total		**21.4**	**26.5**	**47.9**	**8.0**	**0.94**

District level Residue-wise Data for Phek; Season : Kharif						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Paddy	Straw	24.9	33.6	50.5	5.0	0.61
Paddy	Husk	24.9	33.6	6.7	5.4	0.59
Maize	Stalks	6.0	6.1	12.2	1.2	0.16
Others	Others	0.10	0.10	3.3	0.35	0.049
Total		**31.0**	**39.8**	**72.7**	**12.0**	**1.4**

District level Residue-wise Data for Tuensang; Season : Kharif						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Paddy	Straw	16.0	20.3	30.5	3.0	0.37
Paddy	Husk	16.0	20.3	4.1	3.3	0.36
Maize	Stalks	4.2	4.2	8.4	0.84	0.11
Others	Others	0.31	0.31	2.9	0.33	0.045
Total		**20.5**	**24.8**	**45.9**	**7.5**	**0.88**

District level Residue-wise Data for Wokha; Season : Kharif						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Paddy	Straw	23.9	30.8	46.2	4.6	0.55
Paddy	Husk	23.9	30.8	6.2	4.9	0.54
Maize	Stalks	4.3	4.3	8.6	0.86	0.11
Others	Others	0.31	0.31	2.9	0.34	0.047
Total		**28.5**	**35.4**	**63.9**	**10.7**	**1.3**

District level Residue-wise Data for Zunheboto; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	14.5	17.6	26.5	2.6	0.32
Paddy	Husk	14.5	17.6	3.5	2.8	0.31
Maize	Stalks	5.2	5.2	10.4	1.0	0.13
Others	Others	0.31	0.20	3.1	0.34	0.047
Total		**19.9**	**23.0**	**43.4**	**6.8**	**0.81**

District-level Taluk-wise

DistrictLevel Taluk-wise Data for Kohima ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Chumukedima	13.5	43.6	74.2	13.5	1.6
Medziphema	8.6	27.8	47.4	8.6	0.99
Senjum	5.1	16.4	28.0	5.1	0.59
Khuzama	4.4	8.8	22.0	2.2	0.29
Nikhekhu	0.84	2.7	4.6	0.84	0.097
Sechu	0.19	0.19	0.51	0.085	0.011
Kezocha	0.011	0.011	0.028	0.0047	0.00061
Total	**32.7**	**99.5**	**176.7**	**30.4**	**3.5**

DistrictLevel Taluk-wise Data for Mokokchung ; Season : Kharif					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Ongpangkong	16.0	19.2	34.7	5.8	0.68
Mongkolemba	5.8	7.1	12.3	2.2	0.25
Changtongya	2.7	3.4	5.8	1.1	0.12
Kupolong	0.085	0.085	0.22	0.037	0.0048
Chuchuyimlang	0.016	0.016	0.043	0.0072	0.00092
Total	**24.5**	**29.8**	**53.1**	**9.1**	**1.1**

DistrictLevel Taluk-wise Data for Mon ; Season : Kharif					
Taluk	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Otting	16.3	20.9	35.8	6.5	0.74
Wakching	1.1	1.3	2.7	0.36	0.044
Monyakshu	1.1	1.1	2.7	0.27	0.036
Chen	0.62	0.79	1.4	0.24	0.028
Hunta	0.66	0.71	1.6	0.21	0.026
Mopong	0.43	0.45	0.87	0.14	0.017
Aboi	0.29	0.32	0.70	0.086	0.011
Tizit	0.30	0.32	0.72	0.084	0.011
Naginimora	0.25	0.23	0.50	0.073	0.0091
Tobu	0.16	0.16	0.39	0.041	0.0053
Longchen	0.13	0.13	0.31	0.034	0.0044
Longching	0.062	0.072	0.14	0.021	0.0025
Phomching	0.032	0.039	0.071	0.012	0.0014
Total	**21.4**	**26.5**	**47.9**	**8.0**	**0.94**

DistrictLevel Taluk-wise Data for Phek ; Season : Kharif					
Taluk	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Muluri	10.3	13.0	24.2	3.9	0.46
Chozuba	8.6	11.5	20.0	3.5	0.41
Chizame	4.0	5.4	9.1	1.7	0.19
Pfutser	2.6	3.3	6.2	0.97	0.11
Khezhakeno	1.2	1.6	2.8	0.48	0.055
Phek Sadar	1.5	1.6	3.6	0.43	0.055
Chetheba	1.1	1.5	2.6	0.45	0.052
Phokhungri	0.76	0.97	1.8	0.29	0.034
Sekruzu (Phugwu)	0.48	0.56	1.2	0.16	0.019
Sakraba	0.50	0.52	1.3	0.13	0.017
Total	**31.0**	**39.8**	**72.7**	**12.0**	**1.4**

DistrictLevel Taluk-wise Data for Tuensang ; Season : Kharif					
Taluk	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Kiphire	5.7	7.3	12.4	2.3	0.26
Noksen	4.8	6.1	10.4	1.9	0.22
Noklak	4.2	5.3	9.2	1.7	0.19
Shamator	2.6	2.6	6.4	0.64	0.085
Chessore	1.3	1.7	2.8	0.51	0.059
Longnmatra	0.84	0.84	2.1	0.21	0.028
Longleng	0.73	0.73	1.8	0.18	0.024
Panso	0.29	0.29	0.70	0.097	0.013
Total	**20.5**	**24.8**	**45.9**	**7.5**	**0.88**

DistrictLevel Taluk-wise Data for Wokha ; Season : Kharif					
Taluk	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Changsu	7.7	9.9	16.8	3.1	0.35
Bhandari	4.6	6.0	10.2	1.9	0.21
Aitepyong	5.0	5.6	11.9	1.6	0.19
Ralan	3.7	4.7	8.2	1.4	0.17
Sanis	2.3	3.0	5.2	0.94	0.11
Lotsu	2.4	3.0	5.4	0.92	0.11
Baghty	2.1	2.5	4.9	0.75	0.089
Changpang	0.30	0.39	0.67	0.12	0.014
Sungro	0.27	0.29	0.66	0.078	0.0098
Total	**28.5**	**35.4**	**63.9**	**10.7**	**1.3**

DistrictLevel Taluk-wise Data for Zunheboto ; Season : Kharif					
Taluk	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Satakha	7.8	9.5	16.3	3.0	0.34
Pughobeta	4.2	4.4	9.9	1.2	0.15
Satpo	2.6	3.2	5.4	0.99	0.11
V.K	2.4	2.9	5.0	0.90	0.10
Suruhoto	2.3	2.5	5.6	0.66	0.083
Asukhomi	0.39	0.39	0.99	0.099	0.013
Atoizu	0.19	0.095	0.23	0.035	0.0046
Ghatashi	0.013	0.0066	0.016	0.0024	0.00032
Total	**19.9**	**23.0**	**43.4**	**6.8**	**0.81**

Taluk Level Residue wise

Taluk level Residue-wise Data for Chumukedima ; Season : Kharif						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Paddy	Straw	13.5	43.6	65.5	6.6	0.79
Paddy	Husk	13.5	43.6	8.7	7.0	0.77
Total		**13.5**	**43.6**	**74.2**	**13.5**	**1.6**

Taluk level Residue-wise Data for Kezocha ; Season : Kharif						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.011	0.011	0.028	0.0047	0.00061
Total		**0.011**	**0.011**	**0.028**	**0.0047**	**0.00061**

Taluk level Residue-wise Data for Khuzama ; Season : Kharif						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Maize	Stalks	4.4	8.8	17.6	1.8	0.23
Maize	Cobs	4.4	8.8	4.4	0.44	0.062
Total		**4.4**	**8.8**	**22.0**	**2.2**	**0.29**

Taluk level Residue-wise Data for Medziphema ; 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	27.6	41.4	4.1	0.50
Paddy	Husk	8.5	27.6	5.5	4.4	0.49
Others	Others	0.093	0.19	0.47	0.047	0.0061
Total		**8.6**	**27.8**	**47.4**	**8.6**	**0.99**

Taluk level Residue-wise Data for Nikhekhu ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.84	2.7	4.6	0.84	0.097
Total		**0.84**	**2.7**	**4.6**	**0.84**	**0.097**

Taluk level Residue-wise Data for Sechu ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.19	0.19	0.51	0.085	0.011
Total		**0.19**	**0.19**	**0.51**	**0.085**	**0.011**

Taluk level Residue-wise Data for Senjum ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	5.1	16.4	24.7	2.5	0.30
Paddy	Husk	5.1	16.4	3.3	2.6	0.29
Total		**5.1**	**16.4**	**28.0**	**5.1**	**0.59**

Taluk level Residue-wise Data for Changtongya ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	2.7	3.4	5.1	0.51	0.061
Paddy	Husk	2.7	3.4	0.68	0.54	0.060
Total		**2.7**	**3.4**	**5.8**	**1.1**	**0.12**

Taluk level Residue-wise Data for Chuchuyimlang ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.016	0.016	0.043	0.0072	0.00092
Total		**0.016**	**0.016**	**0.043**	**0.0072**	**0.00092**

Taluk level Residue-wise Data for Kupolong ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.085	0.085	0.22	0.037	0.0048
Total		**0.085**	**0.085**	**0.22**	**0.037**	**0.0048**

Taluk level Residue-wise Data for Mongkolemba ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	5.5	6.8	10.3	1.0	0.12
Paddy	Husk	5.5	6.8	1.4	1.1	0.12
Others	Others	0.28	0.27	0.69	0.069	0.0090
Total		**5.8**	**7.1**	**12.3**	**2.2**	**0.25**

Taluk level Residue-wise Data for Ongpangkong ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	13.3	16.6	24.9	2.5	0.30
Paddy	Husk	13.3	16.6	3.3	2.7	0.29
Maize	Stalks	2.7	2.6	5.2	0.52	0.067
Others	Others	0	0	1.3	0.13	0.018
Total		**16.0**	**19.2**	**34.7**	**5.8**	**0.68**

Taluk level Residue-wise Data for Aboi ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.29	0.32	0.70	0.086	0.011
Total		**0.29**	**0.32**	**0.70**	**0.086**	**0.011**

Taluk level Residue-wise Data for Chen ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.62	0.79	1.4	0.24	0.028
Total		**0.62**	**0.79**	**1.4**	**0.24**	**0.028**

Taluk level Residue-wise Data for Hunta ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.66	0.71	1.6	0.21	0.026
Total		**0.66**	**0.71**	**1.6**	**0.21**	**0.026**

Taluk level Residue-wise Data for Longchen ; 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	0.13	0.31	0.034	0.0044
Total		**0.13**	**0.13**	**0.31**	**0.034**	**0.0044**

Taluk level Residue-wise Data for Longching ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.062	0.072	0.14	0.021	0.0025
Total		**0.062**	**0.072**	**0.14**	**0.021**	**0.0025**

Taluk level Residue-wise Data for Monyakshu ; 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	2.7	0.27	0.036
Total		**1.1**	**1.1**	**2.7**	**0.27**	**0.036**

Taluk level Residue-wise Data for Mopong ; 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	0.45	0.87	0.14	0.017
Total		**0.43**	**0.45**	**0.87**	**0.14**	**0.017**

Taluk level Residue-wise Data for Naginimora ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.25	0.23	0.50	0.073	0.0091
Total		**0.25**	**0.23**	**0.50**	**0.073**	**0.0091**

Taluk level Residue-wise Data for Otting ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	16.0	20.7	31.0	3.1	0.37
Paddy	Husk	16.0	20.7	4.1	3.3	0.36
Others	Others	0.25	0.25	0.63	0.063	0.0083
Total		**16.3**	**20.9**	**35.8**	**6.5**	**0.74**

Taluk level Residue-wise Data for Phomching ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.032	0.039	0.071	0.012	0.0014
Total		**0.032**	**0.039**	**0.071**	**0.012**	**0.0014**

Taluk level Residue-wise Data for Tizit ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.30	0.32	0.72	0.084	0.011
Total		**0.30**	**0.32**	**0.72**	**0.084**	**0.011**

Taluk level Residue-wise Data for Tobu ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.16	0.16	0.39	0.041	0.0053
Total		**0.16**	**0.16**	**0.39**	**0.041**	**0.0053**

Taluk level Residue-wise Data for Wakching ; 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	1.3	2.7	0.36	0.044
Total		**1.1**	**1.3**	**2.7**	**0.36**	**0.044**

Taluk level Residue-wise Data for Chetheba ; 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	0.45	0.052
Total		**1.1**	**1.5**	**2.6**	**0.45**	**0.052**

Taluk level Residue-wise Data for Chizame ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	4.0	5.4	8.0	0.80	0.097
Paddy	Husk	4.0	5.4	1.1	0.86	0.094
Others	Others	0.0070	0.0071	0.018	0.0018	0.00024
Total		**4.0**	**5.4**	**9.1**	**1.7**	**0.19**

Taluk level Residue-wise Data for Chozuba ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	8.1	10.9	16.3	1.6	0.20
Paddy	Husk	8.1	10.9	2.2	1.7	0.19
Others	Others	0.58	0.59	1.5	0.17	0.022
Total		**8.6**	**11.5**	**20.0**	**3.5**	**0.41**

Taluk level Residue-wise Data for Khezhakeno ; 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	2.8	0.48	0.055
Total		**1.2**	**1.6**	**2.8**	**0.48**	**0.055**

Taluk level Residue-wise Data for Muluri ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	7.8	10.5	15.7	1.6	0.19
Paddy	Husk	7.8	10.5	2.1	1.7	0.18
Maize	Stalks	2.5	2.5	5.1	0.51	0.066
Others	Others	0	0	1.3	0.13	0.018
Total		**10.3**	**13.0**	**24.2**	**3.9**	**0.46**

Taluk level Residue-wise Data for Pfutser ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	2.6	3.3	6.2	0.97	0.11
Total		**2.6**	**3.3**	**6.2**	**0.97**	**0.11**

Taluk level Residue-wise Data for Phek Sadar ; 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	1.6	3.6	0.43	0.055
Total		**1.5**	**1.6**	**3.6**	**0.43**	**0.055**

Taluk level Residue-wise Data for Phokhungri ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.76	0.97	1.8	0.29	0.034
Total		**0.76**	**0.97**	**1.8**	**0.29**	**0.034**

Taluk level Residue-wise Data for Sakraba ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.50	0.52	1.3	0.13	0.017
Total		**0.50**	**0.52**	**1.3**	**0.13**	**0.017**

Taluk level Residue-wise Data for Sekruzu (Phugwu) ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.48	0.56	1.2	0.16	0.019
Total		**0.48**	**0.56**	**1.2**	**0.16**	**0.019**

Taluk level Residue-wise Data for Chessore ; 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	1.7	2.8	0.51	0.059
Total		**1.3**	**1.7**	**2.8**	**0.51**	**0.059**

Taluk level Residue-wise Data for Kiphire ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	5.7	7.3	10.9	1.1	0.13
Paddy	Husk	5.7	7.3	1.5	1.2	0.13
Total		**5.7**	**7.3**	**12.4**	**2.3**	**0.26**

Taluk level Residue-wise Data for Longleng ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.73	0.73	1.8	0.18	0.024
Total		**0.73**	**0.73**	**1.8**	**0.18**	**0.024**

Taluk level Residue-wise Data for Longnmatra ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.84	0.84	2.1	0.21	0.028
Total		**0.84**	**0.84**	**2.1**	**0.21**	**0.028**

Taluk level Residue-wise Data for Noklak ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	4.1	5.2	7.9	0.79	0.094
Paddy	Husk	4.1	5.2	1.0	0.84	0.092
Others	Others	0.10	0.10	0.27	0.045	0.0058
Total		**4.2**	**5.3**	**9.2**	**1.7**	**0.19**

Taluk level Residue-wise Data for Noksen ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	4.8	6.1	9.2	0.92	0.11
Paddy	Husk	4.8	6.1	1.2	0.98	0.11
Total		**4.8**	**6.1**	**10.4**	**1.9**	**0.22**

Taluk level Residue-wise Data for Panso ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.29	0.29	0.70	0.097	0.013
Total		**0.29**	**0.29**	**0.70**	**0.097**	**0.013**

Taluk level Residue-wise Data for Shamator ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	2.6	2.6	5.1	0.51	0.067
Others	Others	0	0	1.3	0.13	0.018
Total		**2.6**	**2.6**	**6.4**	**0.64**	**0.085**

Taluk level Residue-wise Data for Aitepyong ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	2.1	2.7	6.0	0.98	0.12
Maize	Stalks	2.9	2.9	5.9	0.59	0.076
Total		**5.0**	**5.6**	**11.9**	**1.6**	**0.19**

Taluk level Residue-wise Data for Baghty ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	2.1	2.5	4.9	0.75	0.089
Total		**2.1**	**2.5**	**4.9**	**0.75**	**0.089**

Taluk level Residue-wise Data for Bhandari ; Season : Kharif						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Paddy	Straw	4.6	6.0	9.0	0.90	0.11
Paddy	Husk	4.6	6.0	1.2	0.96	0.11
Total		**4.6**	**6.0**	**10.2**	**1.9**	**0.21**

Taluk level Residue-wise Data for Changpang ; Season : Kharif						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.30	0.39	0.67	0.12	0.014
Total		**0.30**	**0.39**	**0.67**	**0.12**	**0.014**

Taluk level Residue-wise Data for Changsu ; Season : Kharif						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Paddy	Straw	7.7	9.9	14.8	1.5	0.18
Paddy	Husk	7.7	9.9	2.0	1.6	0.17
Total		**7.7**	**9.9**	**16.8**	**3.1**	**0.35**

Taluk level Residue-wise Data for Lotsu ; 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	3.0	5.4	0.92	0.11
Total		**2.4**	**3.0**	**5.4**	**0.92**	**0.11**

Taluk level Residue-wise Data for Ralan ; Season : Kharif						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Paddy	Straw	3.4	4.4	6.6	0.66	0.080
Paddy	Husk	3.4	4.4	0.88	0.71	0.078
Others	Others	0.26	0.26	0.66	0.068	0.0090
Total		**3.7**	**4.7**	**8.2**	**1.4**	**0.17**

Taluk level Residue-wise Data for Sanis ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.16	0.16	0.99	0.52	0.059
Paddy	Straw	2.2	2.8	4.2	0.42	0.051
Total		**2.3**	**3.0**	**5.2**	**0.94**	**0.11**

Taluk level Residue-wise Data for Sungro ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.27	0.29	0.66	0.078	0.0098
Total		**0.27**	**0.29**	**0.66**	**0.078**	**0.0098**

Taluk level Residue-wise Data for Asukhomi ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.39	0.39	0.99	0.099	0.013
Total		**0.39**	**0.39**	**0.99**	**0.099**	**0.013**

Taluk level Residue-wise Data for Atoizu ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.19	0.095	0.23	0.035	0.0046
Total		**0.19**	**0.095**	**0.23**	**0.035**	**0.0046**

Taluk level Residue-wise Data for Ghatashi ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.013	0.0066	0.016	0.0024	0.00032
Total		**0.013**	**0.0066**	**0.016**	**0.0024**	**0.00032**

Taluk level Residue-wise Data for Pughobeta ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	3.0	3.0	6.1	0.61	0.079
Others	Others	1.1	1.4	3.8	0.58	0.070
Total		**4.2**	**4.4**	**9.9**	**1.2**	**0.15**

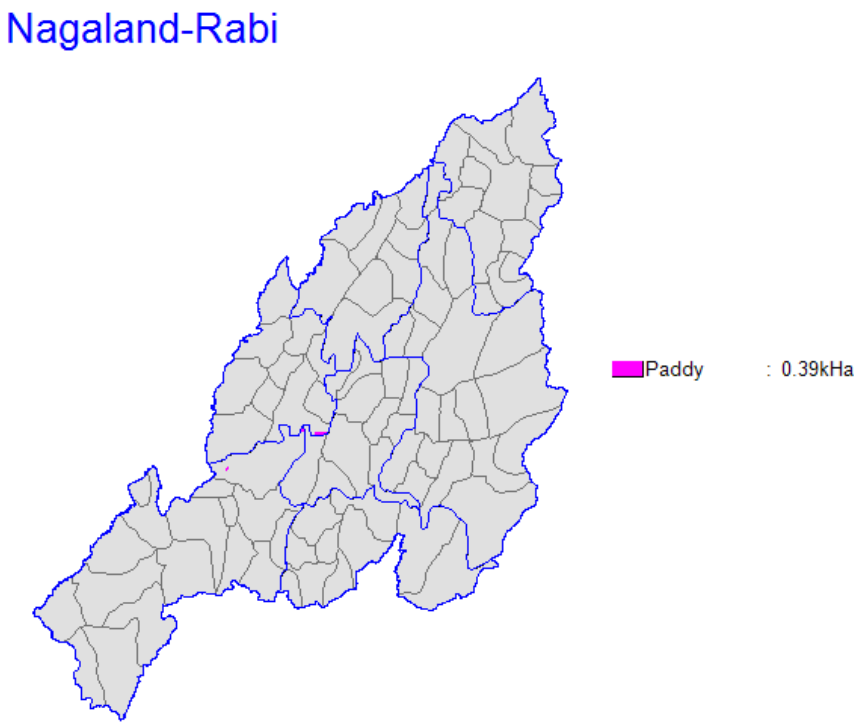
Taluk level Residue-wise Data for Satakha ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	7.7	9.4	14.2	1.4	0.17
Paddy	Husk	7.7	9.4	1.9	1.5	0.17
Others	Others	0.098	0.098	0.26	0.043	0.0056
Total		**7.8**	**9.5**	**16.3**	**3.0**	**0.34**

Taluk level Residue-wise Data for Satpo ; 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	3.2	4.8	0.48	0.057
Paddy	Husk	2.6	3.2	0.64	0.51	0.056
Total		**2.6**	**3.2**	**5.4**	**0.99**	**0.11**

Taluk level Residue-wise Data for Suruhoto ; 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	2.5	5.6	0.66	0.083
Total		**2.3**	**2.5**	**5.6**	**0.66**	**0.083**

Taluk level Residue-wise Data for V.K ; Season : Kharif						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	2.4	2.9	4.4	0.44	0.053
Paddy	Husk	2.4	2.9	0.58	0.47	0.051
Total		**2.4**	**2.9**	**5.0**	**0.90**	**0.10**

Rabi



State-level Residue-wise

State level Residue-wise Data for Nagaland; Season : Rabi						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.39	0.61	1.0	0.19	0.022
Total		**0.39**	**0.61**	**1.0**	**0.19**	**0.022**

State-level District-wise

State level District-wise Data for Nagaland ; Season : Rabi					
District	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kohima	0.20	0.49	0.83	0.15	0.017
Wokha	0.19	0.12	0.21	0.038	0.0044
Total	**0.39**	**0.61**	**1.0**	**0.19**	**0.022**

State-level Taluk-wise

State level Taluk-wise Data for Nagaland ; Season : Rabi						
District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kohima	Treminyu	0.20	0.49	0.83	0.15	0.017
Wokha	Changsu	0.18	0.12	0.20	0.036	0.0041
Wokha	Lotsu	0.0092	0.0059	0.010	0.0018	0.00021
Total		**0.39**	**0.61**	**1.0**	**0.19**	**0.022**

District-level Residue-wise

District level Residue-wise Data for Kohima; Season : Rabi						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.20	0.49	0.83	0.15	0.017
Total		**0.20**	**0.49**	**0.83**	**0.15**	**0.017**

District level Residue-wise Data for Wokha; 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	0.12	0.21	0.038	0.0044
Total		**0.19**	**0.12**	**0.21**	**0.038**	**0.0044**

District-level Taluk-wise

DistrictLevel Taluk-wise Data for Kohima ; Season : Rabi					
Taluk	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Treminyu	0.20	0.49	0.83	0.15	0.017
Total	**0.20**	**0.49**	**0.83**	**0.15**	**0.017**

DistrictLevel Taluk-wise Data for Wokha ; Season : Rabi					
Taluk	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Changsu	0.18	0.12	0.20	0.036	0.0041
Lotsu	0.0092	0.0059	0.010	0.0018	0.00021
Total	**0.19**	**0.12**	**0.21**	**0.038**	**0.0044**

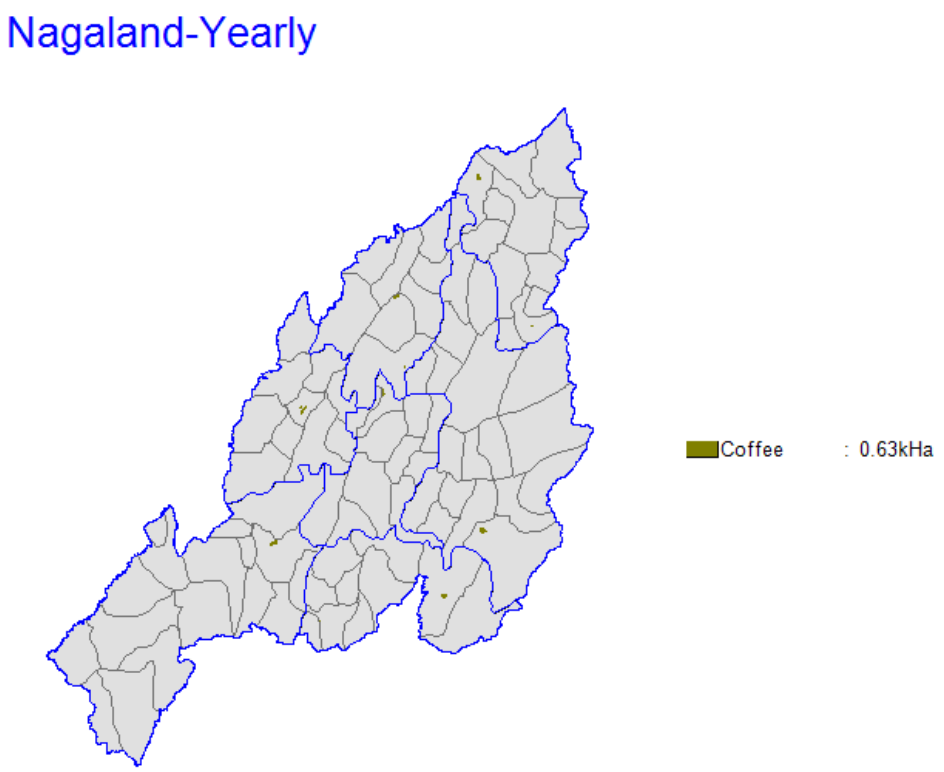
Taluk-level Residue-wise

Taluk level Residue-wise Data for Treminyu ; Season : Rabi						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.20	0.49	0.83	0.15	0.017
Total		**0.20**	**0.49**	**0.83**	**0.15**	**0.017**

Taluk level Residue-wise Data for Changsu ; 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	0.12	0.20	0.036	0.0041
Total		**0.18**	**0.12**	**0.20**	**0.036**	**0.0041**

Taluk level Residue-wise Data for Lotsu ; Season : Rabi						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.0092	0.0059	0.010	0.0018	0.00021
Total		**0.0092**	**0.0059**	**0.010**	**0.0018**	**0.00021**

Yearly



State-level Residue-wise

State level Residue-wise Data for Nagaland; Season : Yearly						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Coffee	Pruning & Wastes	0.64	0.013	2.5	2.0	0.28
Others	Others	0	0	0.0076	0.00076	9.14E-05
Total		**0.64**	**0.013**	**2.5**	**2.0**	**0.28**

State-level District-wise

State level District-wise Data for Nagaland ; Season : Yearly					
District	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Tuensang	0.17	0.0033	0.67	0.54	0.075
Kohima	0.12	0.0023	0.47	0.38	0.053
Mon	0.081	0.0016	0.33	0.26	0.036
Phek	0.074	0.0015	0.30	0.24	0.033
Mokokchung	0.069	0.0014	0.28	0.22	0.031
Wokha	0.066	0.0013	0.26	0.21	0.030
Zunheboto	0.060	0.0012	0.24	0.19	0.027
Total	**0.64**	**0.013**	**2.5**	**2.0**	**0.28**

State-level Taluk-wise

State level Taluk-wise Data for Nagaland ; Season : Yearly						
District	**Taluk**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Tuensang	Pungro	0.17	0.0033	0.67	0.54	0.075
Kohima	Kohima	0.11	0.0022	0.43	0.34	0.048
Mon	Naginimora	0.077	0.0015	0.31	0.25	0.034
Phek	Muluri	0.071	0.0014	0.29	0.23	0.032
Wokha	Sanis	0.066	0.0013	0.26	0.21	0.030
Mokokchung	Kupolong	0.065	0.0013	0.26	0.21	0.029
Zunheboto	Akuluto	0.060	0.0012	0.24	0.19	0.027
Kohima	Treminyu	0.0096	0.00019	0.039	0.031	0.0043
Mon	Mopong	0.0044	8.77E-05	0.018	0.014	0.0020
Mokokchung	Ongpangkong	0.0043	8.69E-05	0.017	0.014	0.0019
Phek	Pfutser	0.0032	6.40E-05	0.013	0.010	0.0014
Total		**0.64**	**0.013**	**2.5**	**2.0**	**0.28**

District-level Residue-wise

District level Residue-wise Data for Kohima; Season : Yearly						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Coffee	Pruning & Wastes	0.12	0.0023	0.47	0.38	0.053
Others	Others	0	0	0.0014	0.00014	1.69E-05
Total		**0.12**	**0.0023**	**0.47**	**0.38**	**0.053**

District level Residue-wise Data for Mokokchung; Season : Yearly						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.069	0.0014	0.28	0.22	0.031
Total		**0.069**	**0.0014**	**0.28**	**0.22**	**0.031**

District level Residue-wise Data for Mon; Season : Yearly						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.081	0.0016	0.33	0.26	0.036
Total		**0.081**	**0.0016**	**0.33**	**0.26**	**0.036**

District level Residue-wise Data for Phek; Season : Yearly						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.074	0.0015	0.30	0.24	0.033
Total		**0.074**	**0.0015**	**0.30**	**0.24**	**0.033**

District level Residue-wise Data for Tuensang; Season : Yearly						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Coffee	Pruning & Wastes	0.17	0.0033	0.67	0.53	0.075
Others	Others	0	0	0.0020	0.00020	2.41E-05
Total		**0.17**	**0.0033**	**0.67**	**0.54**	**0.075**

District level Residue-wise Data for Wokha; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.066	0.0013	0.26	0.21	0.030
Total		**0.066**	**0.0013**	**0.26**	**0.21**	**0.030**

District level Residue-wise Data for Zunheboto; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.060	0.0012	0.24	0.19	0.027
Total		**0.060**	**0.0012**	**0.24**	**0.19**	**0.027**

District-level Taluk-wise

DistrictLevel Taluk-wise Data for Kohima ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kohima	0.11	0.0022	0.43	0.34	0.048
Treminyu	0.0096	0.00019	0.039	0.031	0.0043
Total	**0.12**	**0.0023**	**0.47**	**0.38**	**0.053**

DistrictLevel Taluk-wise Data for Mokokchung ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kupolong	0.065	0.0013	0.26	0.21	0.029
Ongpangkong	0.0043	8.69E-05	0.017	0.014	0.0019
Total	**0.069**	**0.0014**	**0.28**	**0.22**	**0.031**

DistrictLevel Taluk-wise Data for Mon ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Naginimora	0.077	0.0015	0.31	0.25	0.034
Mopong	0.0044	8.77E-05	0.018	0.014	0.0020
Total	**0.081**	**0.0016**	**0.33**	**0.26**	**0.036**

DistrictLevel Taluk-wise Data for Phek ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Muluri	0.071	0.0014	0.29	0.23	0.032
Pfutser	0.0032	6.40E-05	0.013	0.010	0.0014
Total	**0.074**	**0.0015**	**0.30**	**0.24**	**0.033**

DistrictLevel Taluk-wise Data for Tuensang ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Pungro	0.17	0.0033	0.67	0.54	0.075
Total	**0.17**	**0.0033**	**0.67**	**0.54**	**0.075**

DistrictLevel Taluk-wise Data for Wokha ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Sanis	0.066	0.0013	0.26	0.21	0.030
Total	**0.066**	**0.0013**	**0.26**	**0.21**	**0.030**

DistrictLevel Taluk-wise Data for Zunheboto ; Season : Yearly					
Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Akuluto	0.060	0.0012	0.24	0.19	0.027
Total	**0.060**	**0.0012**	**0.24**	**0.19**	**0.027**

Taluk-level Residue-wise

Taluk level Residue-wise Data for Kohima ; Season : Yearly						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.11	0.0022	0.43	0.34	0.048
Total		**0.11**	**0.0022**	**0.43**	**0.34**	**0.048**

Taluk level Residue-wise Data for Treminyu ; Season : Yearly						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.0096	0.00019	0.039	0.031	0.0043
Total		**0.0096**	**0.00019**	**0.039**	**0.031**	**0.0043**

Taluk level Residue-wise Data for Kupolong ; Season : Yearly						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.065	0.0013	0.26	0.21	0.029
Total		**0.065**	**0.0013**	**0.26**	**0.21**	**0.029**

Taluk level Residue-wise Data for Ongpangkong ; Season : Yearly						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.0043	8.69E-05	0.017	0.014	0.0019
Total		**0.0043**	**8.69E-05**	**0.017**	**0.014**	**0.0019**

Taluk level Residue-wise Data for Mopong ; 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	8.77E-05	0.018	0.014	0.0020
Total		**0.0044**	**8.77E-05**	**0.018**	**0.014**	**0.0020**

Taluk level Residue-wise Data for Naginimora ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.077	0.0015	0.31	0.25	0.034
Total		**0.077**	**0.0015**	**0.31**	**0.25**	**0.034**

Taluk level Residue-wise Data for Muluri ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.071	0.0014	0.29	0.23	0.032
Total		**0.071**	**0.0014**	**0.29**	**0.23**	**0.032**

Taluk level Residue-wise Data for Pfutser ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.0032	6.40E-05	0.013	0.010	0.0014
Total		**0.0032**	**6.40E-05**	**0.013**	**0.010**	**0.0014**

Taluk level Residue-wise Data for Pungro ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Coffee	Pruning & Wastes	0.17	0.0033	0.67	0.53	0.075
Others	Others	0	0	0.0020	0.00020	2.41E-05
Total		**0.17**	**0.0033**	**0.67**	**0.54**	**0.075**

Taluk level Residue-wise Data for Sanis ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.066	0.0013	0.26	0.21	0.030
Total		**0.066**	**0.0013**	**0.26**	**0.21**	**0.030**

Taluk level Residue-wise Data for Akuluto ; Season : Yearly						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.060	0.0012	0.24	0.19	0.027
Total		**0.060**	**0.0012**	**0.24**	**0.19**	**0.027**

Agro

State-level Residue-wise

State level Residue-wise Data for Nagaland; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Paddy	Straw	146.9	243.1	364.9	36.5	4.4
Paddy	Husk	146.9	243.1	48.7	38.9	4.3
Maize	Stalks	30.4	34.9	69.8	7.0	0.91
Coffee	Pruning & Wastes	0.64	0.013	2.5	2.0	0.28
Maize	Cobs	30.4	34.9	17.4	1.7	0.24
Others	Others	1.7	1.5	3.9	0.63	0.081
Total		**179.6**	**279.5**	**507.2**	**86.8**	**10.2**

State-level District-wise

State level District-wise Data for Nagaland ; Biomass Class : Agro					
District	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Kohima	33.0	100.0	178.0	30.9	3.6
Phek	31.1	39.9	73.0	12.2	1.4
Wokha	28.7	35.5	64.3	11.0	1.3
Mokokchung	24.6	29.8	53.4	9.3	1.1
Mon	21.5	26.5	48.2	8.3	0.98
Tuensang	20.7	24.8	46.5	8.0	0.95
Zunheboto	20.0	23.0	43.7	7.0	0.84
Total	**179.6**	**279.5**	**507.2**	**86.8**	**10.2**

State-level Taluk-wise

State level Taluk-wise Data for Nagaland ; Biomass Class : Agro						
District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Kohima	Chumukedima	13.5	43.6	74.2	13.5	1.6
Kohima	Medziphema	8.6	27.8	47.4	8.6	0.99
Mon	Otting	16.3	20.9	35.8	6.5	0.74
Mokokchung	Ongpangkong	16.0	19.2	34.7	5.8	0.68
Kohima	Senjum	5.1	16.4	28.0	5.1	0.59
Phek	Muluri	10.3	13.0	24.5	4.1	0.49
Phek	Chozuba	8.6	11.5	20.0	3.5	0.41
Wokha	Changsu	7.8	10.0	17.0	3.1	0.36
Zunheboto	Satakha	7.8	9.5	16.3	3.0	0.34
Kohima	Khuzama	4.4	8.8	22.0	2.2	0.29
Tuensang	Kiphire	5.7	7.3	12.4	2.3	0.26
Mokokchung	Mongkolemba	5.8	7.1	12.3	2.2	0.25
Tuensang	Noksen	4.8	6.1	10.4	1.9	0.22
Wokha	Bhandari	4.6	6.0	10.2	1.9	0.21
Wokha	Aitepyong	5.0	5.6	11.9	1.6	0.19
Tuensang	Noklak	4.2	5.3	9.2	1.7	0.19
Phek	Chizame	4.0	5.4	9.1	1.7	0.19
Wokha	Ralan	3.7	4.7	8.2	1.4	0.17
Zunheboto	Pughobeta	4.2	4.4	9.9	1.2	0.15
Wokha	Sanis	2.4	3.0	5.5	1.2	0.14
Mokokchung	Changtongya	2.7	3.4	5.8	1.1	0.12
Phek	Pfutser	2.6	3.3	6.2	0.98	0.12
Zunheboto	Satpo	2.6	3.2	5.4	0.99	0.11
Wokha	Lotsu	2.4	3.0	5.4	0.92	0.11
Zunheboto	V.K	2.4	2.9	5.0	0.90	0.10
Kohima	Nikhekhu	0.84	2.7	4.6	0.84	0.097
Wokha	Baghty	2.1	2.5	4.9	0.75	0.089
Tuensang	Shamator	2.6	2.6	6.4	0.64	0.085
Zunheboto	Suruhoto	2.3	2.5	5.6	0.66	0.083
Tuensang	Pungro	0.17	0.0033	0.67	0.54	0.075
Tuensang	Chessore	1.3	1.7	2.8	0.51	0.059
Phek	Khezhakeno	1.2	1.6	2.8	0.48	0.055

District	Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Phek	Phek Sadar	1.5	1.6	3.6	0.43	0.055
Phek	Chetheba	1.1	1.5	2.6	0.45	0.052
Kohima	Kohima	0.11	0.0022	0.43	0.34	0.048
Mon	Wakching	1.1	1.3	2.7	0.36	0.044
Mon	Naginimora	0.33	0.23	0.81	0.32	0.043
Mon	Monyakshu	1.1	1.1	2.7	0.27	0.036
Phek	Phokhungri	0.76	0.97	1.8	0.29	0.034
Mokokchung	Kupolong	0.15	0.086	0.48	0.24	0.034
Mon	Chen	0.62	0.79	1.4	0.24	0.028
Tuensang	Longnmatra	0.84	0.84	2.1	0.21	0.028
Zunheboto	Akuluto	0.060	0.0012	0.24	0.19	0.027
Mon	Hunta	0.66	0.71	1.6	0.21	0.026
Tuensang	Longleng	0.73	0.73	1.8	0.18	0.024
Kohima	Treminyu	0.21	0.49	0.87	0.18	0.022
Phek	Sekruzu (Phugwu)	0.48	0.56	1.2	0.16	0.019
Mon	Mopong	0.44	0.45	0.89	0.16	0.019
Phek	Sakraba	0.50	0.52	1.3	0.13	0.017
Wokha	Changpang	0.30	0.39	0.67	0.12	0.014
Zunheboto	Asukhomi	0.39	0.39	0.99	0.099	0.013
Tuensang	Panso	0.29	0.29	0.70	0.097	0.013
Kohima	Sechu	0.19	0.19	0.51	0.085	0.011
Mon	Aboi	0.29	0.32	0.70	0.086	0.011
Mon	Tizit	0.30	0.32	0.72	0.084	0.011
Wokha	Sungro	0.27	0.29	0.66	0.078	0.0098
Mon	Tobu	0.16	0.16	0.39	0.041	0.0053
Zunheboto	Atoizu	0.19	0.095	0.23	0.035	0.0046
Mon	Longchen	0.13	0.13	0.31	0.034	0.0044
Mon	Longching	0.062	0.072	0.14	0.021	0.0025
Mon	Phomching	0.032	0.039	0.071	0.012	0.0014
Mokokchung	Chuchuyimlang	0.016	0.016	0.043	0.0072	0.00092
Kohima	Kezocha	0.011	0.011	0.028	0.0047	0.00061
Zunheboto	Ghatashi	0.013	0.0066	0.016	0.0024	0.00032
Total		**179.6**	**279.5**	**507.2**	**86.8**	**10.2**

District-level Residue-wise

District level Residue-wise Data for Kohima; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	28.2	90.8	136.4	13.6	1.6
Paddy	Husk	28.2	90.8	18.2	14.6	1.6
Maize	Stalks	4.5	9.0	17.9	1.8	0.23
Maize	Cobs	4.5	9.0	4.5	0.45	0.063
Coffee	Pruning & Wastes	0.12	0.0023	0.47	0.38	0.053
Others	Others	0.20	0.20	0.54	0.090	0.011
Total		**33.0**	**100.0**	**178.0**	**30.9**	**3.6**

District level Residue-wise Data for Mokokchung; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	21.5	26.9	40.3	4.0	0.48
Paddy	Husk	21.5	26.9	5.4	4.3	0.47
Maize	Stalks	2.9	2.9	5.7	0.57	0.074
Others	Others	0.17	0.10	2.0	0.41	0.057
Total		**24.6**	**29.8**	**53.4**	**9.3**	**1.1**

District level Residue-wise Data for Mon; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	17.8	23.0	34.5	3.4	0.41
Paddy	Husk	17.8	23.0	4.6	3.7	0.40
Maize	Stalks	3.2	3.2	6.4	0.64	0.084
Others	Others	0.49	0.31	2.7	0.54	0.074
Total		**21.5**	**26.5**	**48.2**	**8.3**	**0.98**

District level Residue-wise Data for Phek; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	24.9	33.6	50.5	5.0	0.61

Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Husk	24.9	33.6	6.7	5.4	0.59
Maize	Stalks	6.0	6.1	12.2	1.2	0.16
Others	Others	0.18	0.10	3.6	0.59	0.082
Total		**31.1**	**39.9**	**73.0**	**12.2**	**1.4**

District level Residue-wise Data for Tuensang; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	16.0	20.3	30.5	3.0	0.37
Paddy	Husk	16.0	20.3	4.1	3.3	0.36
Maize	Stalks	4.2	4.2	8.4	0.84	0.11
Coffee	Pruning & Wastes	0.17	0.0033	0.67	0.53	0.075
Others	Others	0.31	0.31	2.9	0.33	0.045
Total		**20.7**	**24.8**	**46.5**	**8.0**	**0.95**

District level Residue-wise Data for Wokha; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	24.0	30.9	46.3	4.6	0.56
Paddy	Husk	24.0	30.9	6.2	4.9	0.54
Maize	Stalks	4.3	4.3	8.6	0.86	0.11
Others	Others	0.37	0.31	3.2	0.55	0.076
Total		**28.7**	**35.5**	**64.3**	**11.0**	**1.3**

District level Residue-wise Data for Zunheboto; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	14.5	17.6	26.5	2.6	0.32
Paddy	Husk	14.5	17.6	3.5	2.8	0.31
Maize	Stalks	5.2	5.2	10.4	1.0	0.13
Others	Others	0.37	0.20	3.3	0.53	0.074
Total		**20.0**	**23.0**	**43.7**	**7.0**	**0.84**

District-level Taluk-wise

DistrictLevel Taluk-wise Data for Kohima ; Biomass Class : Agro					
Taluk	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Chumukedima	13.5	43.6	74.2	13.5	1.6
Medziphema	8.6	27.8	47.4	8.6	0.99
Senjum	5.1	16.4	28.0	5.1	0.59
Khuzama	4.4	8.8	22.0	2.2	0.29
Nikhekhu	0.84	2.7	4.6	0.84	0.097
Kohima	0.11	0.0022	0.43	0.34	0.048
Treminyu	0.21	0.49	0.87	0.18	0.022
Sechu	0.19	0.19	0.51	0.085	0.011
Kezocha	0.011	0.011	0.028	0.0047	0.00061
Total	**33.0**	**100.0**	**178.0**	**30.9**	**3.6**

DistrictLevel Taluk-wise Data for Mokokchung ; Biomass Class : Agro					
Taluk	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Ongpangkong	16.0	19.2	34.7	5.8	0.68
Mongkolemba	5.8	7.1	12.3	2.2	0.25
Changtongya	2.7	3.4	5.8	1.1	0.12
Kupolong	0.15	0.086	0.48	0.24	0.034
Chuchuyimlang	0.016	0.016	0.043	0.0072	0.00092
Total	**24.6**	**29.8**	**53.4**	**9.3**	**1.1**

DistrictLevel Taluk-wise Data for Mon ; Biomass Class : Agro					
Taluk	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Otting	16.3	20.9	35.8	6.5	0.74
Wakching	1.1	1.3	2.7	0.36	0.044
Naginimora	0.33	0.23	0.81	0.32	0.043
Monyakshu	1.1	1.1	2.7	0.27	0.036
Chen	0.62	0.79	1.4	0.24	0.028
Hunta	0.66	0.71	1.6	0.21	0.026

Taluk	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Mopong	0.44	0.45	0.89	0.16	0.019
Aboi	0.29	0.32	0.70	0.086	0.011
Tizit	0.30	0.32	0.72	0.084	0.011
Tobu	0.16	0.16	0.39	0.041	0.0053
Longchen	0.13	0.13	0.31	0.034	0.0044
Longching	0.062	0.072	0.14	0.021	0.0025
Phomching	0.032	0.039	0.071	0.012	0.0014
Total	**21.5**	**26.5**	**48.2**	**8.3**	**0.98**

DistrictLevel Taluk-wise Data for Phek ; Biomass Class : Agro					
Taluk	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Muluri	10.3	13.0	24.5	4.1	0.49
Chozuba	8.6	11.5	20.0	3.5	0.41
Chizame	4.0	5.4	9.1	1.7	0.19
Pfutser	2.6	3.3	6.2	0.98	0.12
Khezhakeno	1.2	1.6	2.8	0.48	0.055
Phek Sadar	1.5	1.6	3.6	0.43	0.055
Chetheba	1.1	1.5	2.6	0.45	0.052
Phokhungri	0.76	0.97	1.8	0.29	0.034
Sekruzu (Phugwu)	0.48	0.56	1.2	0.16	0.019
Sakraba	0.50	0.52	1.3	0.13	0.017
Total	**31.1**	**39.9**	**73.0**	**12.2**	**1.4**

DistrictLevel Taluk-wise Data for Tuensang ; Biomass Class : Agro					
Taluk	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Kiphire	5.7	7.3	12.4	2.3	0.26
Noksen	4.8	6.1	10.4	1.9	0.22
Noklak	4.2	5.3	9.2	1.7	0.19
Shamator	2.6	2.6	6.4	0.64	0.085
Pungro	0.17	0.0033	0.67	0.54	0.075
Chessore	1.3	1.7	2.8	0.51	0.059
Longnmatra	0.84	0.84	2.1	0.21	0.028
Longleng	0.73	0.73	1.8	0.18	0.024
Panso	0.29	0.29	0.70	0.097	0.013
Total	**20.7**	**24.8**	**46.5**	**8.0**	**0.95**

DistrictLevel Taluk-wise Data for Wokha ; Biomass Class : Agro					
Taluk	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Changsu	7.8	10.0	17.0	3.1	0.36
Bhandari	4.6	6.0	10.2	1.9	0.21
Aitepyong	5.0	5.6	11.9	1.6	0.19
Ralan	3.7	4.7	8.2	1.4	0.17
Sanis	2.4	3.0	5.5	1.2	0.14
Lotsu	2.4	3.0	5.4	0.92	0.11
Baghty	2.1	2.5	4.9	0.75	0.089
Changpang	0.30	0.39	0.67	0.12	0.014
Sungro	0.27	0.29	0.66	0.078	0.0098
Total	**28.7**	**35.5**	**64.3**	**11.0**	**1.3**

DistrictLevel Taluk-wise Data for Zunheboto ; Biomass Class : Agro					
Taluk	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Satakha	7.8	9.5	16.3	3.0	0.34
Pughobeta	4.2	4.4	9.9	1.2	0.15
Satpo	2.6	3.2	5.4	0.99	0.11
V.K	2.4	2.9	5.0	0.90	0.10
Suruhoto	2.3	2.5	5.6	0.66	0.083
Akuluto	0.060	0.0012	0.24	0.19	0.027
Asukhomi	0.39	0.39	0.99	0.099	0.013
Atoizu	0.19	0.095	0.23	0.035	0.0046
Ghatashi	0.013	0.0066	0.016	0.0024	0.00032
Total	**20.0**	**23.0**	**43.7**	**7.0**	**0.84**

Taluk-level Residue-wise

Taluk level Residue-wise Data for Chumukedima ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Paddy	Straw	13.5	43.6	65.5	6.6	0.79
Paddy	Husk	13.5	43.6	8.7	7.0	0.77
Total		**13.5**	**43.6**	**74.2**	**13.5**	**1.6**

Taluk level Residue-wise Data for Kezocha ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.011	0.011	0.028	0.0047	0.00061
Total		**0.011**	**0.011**	**0.028**	**0.0047**	**0.00061**

Taluk level Residue-wise Data for Khuzama ; 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	8.8	17.6	1.8	0.23
Maize	Cobs	4.4	8.8	4.4	0.44	0.062
Total		**4.4**	**8.8**	**22.0**	**2.2**	**0.29**

Taluk level Residue-wise Data for Kohima ; 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	0.0022	0.43	0.34	0.048
Total		**0.11**	**0.0022**	**0.43**	**0.34**	**0.048**

Taluk level Residue-wise Data for Medziphema ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Paddy	Straw	8.5	27.6	41.4	4.1	0.50
Paddy	Husk	8.5	27.6	5.5	4.4	0.49
Others	Others	0.093	0.19	0.47	0.047	0.0061
Total		**8.6**	**27.8**	**47.4**	**8.6**	**0.99**

Taluk level Residue-wise Data for Nikhekhu ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.84	2.7	4.6	0.84	0.097
Total		**0.84**	**2.7**	**4.6**	**0.84**	**0.097**

Taluk level Residue-wise Data for Sechu ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.19	0.19	0.51	0.085	0.011
Total		**0.19**	**0.19**	**0.51**	**0.085**	**0.011**

Taluk level Residue-wise Data for Senjum ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Paddy	Straw	5.1	16.4	24.7	2.5	0.30
Paddy	Husk	5.1	16.4	3.3	2.6	0.29
Total		**5.1**	**16.4**	**28.0**	**5.1**	**0.59**

Taluk level Residue-wise Data for Treminyu ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.21	0.49	0.87	0.18	0.022
Total		**0.21**	**0.49**	**0.87**	**0.18**	**0.022**

Taluk level Residue-wise Data for Changtongya ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Paddy	Straw	2.7	3.4	5.1	0.51	0.061
Paddy	Husk	2.7	3.4	0.68	0.54	0.060
Total		**2.7**	**3.4**	**5.8**	**1.1**	**0.12**

Taluk level Residue-wise Data for Chuchuyimlang ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.016	0.016	0.043	0.0072	0.00092
Total		**0.016**	**0.016**	**0.043**	**0.0072**	**0.00092**

Taluk level Residue-wise Data for Kupolong ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.15	0.086	0.48	0.24	0.034
Total		**0.15**	**0.086**	**0.48**	**0.24**	**0.034**

Taluk level Residue-wise Data for Mongkolemba ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Paddy	Straw	5.5	6.8	10.3	1.0	0.12
Paddy	Husk	5.5	6.8	1.4	1.1	0.12
Others	Others	0.28	0.27	0.69	0.069	0.0090
Total		**5.8**	**7.1**	**12.3**	**2.2**	**0.25**

Taluk level Residue-wise Data for Ongpangkong ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Paddy	Straw	13.3	16.6	24.9	2.5	0.30
Paddy	Husk	13.3	16.6	3.3	2.7	0.29
Maize	Stalks	2.7	2.6	5.2	0.52	0.067
Others	Others	0.0043	8.69E-05	1.3	0.14	0.020
Total		**16.0**	**19.2**	**34.7**	**5.8**	**0.68**

Taluk level Residue-wise Data for Aboi ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.29	0.32	0.70	0.086	0.011
Total		**0.29**	**0.32**	**0.70**	**0.086**	**0.011**

Taluk level Residue-wise Data for Chen ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.62	0.79	1.4	0.24	0.028
Total		**0.62**	**0.79**	**1.4**	**0.24**	**0.028**

Taluk level Residue-wise Data for Hunta ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.66	0.71	1.6	0.21	0.026
Total		**0.66**	**0.71**	**1.6**	**0.21**	**0.026**

Taluk level Residue-wise Data for Longchen ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.13	0.13	0.31	0.034	0.0044
Total		**0.13**	**0.13**	**0.31**	**0.034**	**0.0044**

Taluk level Residue-wise Data for Longching ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.062	0.072	0.14	0.021	0.0025
Total		**0.062**	**0.072**	**0.14**	**0.021**	**0.0025**

Taluk level Residue-wise Data for Monyakshu ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	1.1	1.1	2.7	0.27	0.036
Total		**1.1**	**1.1**	**2.7**	**0.27**	**0.036**

Taluk level Residue-wise Data for Mopong ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.44	0.45	0.89	0.16	0.019
Total		**0.44**	**0.45**	**0.89**	**0.16**	**0.019**

Taluk level Residue-wise Data for Naginimora ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.33	0.23	0.81	0.32	0.043
Total		**0.33**	**0.23**	**0.81**	**0.32**	**0.043**

Taluk level Residue-wise Data for Otting ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Paddy	Straw	16.0	20.7	31.0	3.1	0.37
Paddy	Husk	16.0	20.7	4.1	3.3	0.36
Others	Others	0.25	0.25	0.63	0.063	0.0083
Total		**16.3**	**20.9**	**35.8**	**6.5**	**0.74**

Taluk level Residue-wise Data for Phomching ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.032	0.039	0.071	0.012	0.0014
Total		**0.032**	**0.039**	**0.071**	**0.012**	**0.0014**

Taluk level Residue-wise Data for Tizit ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.30	0.32	0.72	0.084	0.011
Total		**0.30**	**0.32**	**0.72**	**0.084**	**0.011**

Taluk level Residue-wise Data for Tobu ; 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	0.16	0.39	0.041	0.0053
Total		**0.16**	**0.16**	**0.39**	**0.041**	**0.0053**

Taluk level Residue-wise Data for Wakching ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	1.1	1.3	2.7	0.36	0.044
Total		**1.1**	**1.3**	**2.7**	**0.36**	**0.044**

Taluk level Residue-wise Data for Chetheba ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.1	1.5	2.6	0.45	0.052
Total		**1.1**	**1.5**	**2.6**	**0.45**	**0.052**

Taluk level Residue-wise Data for Chizame ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	4.0	5.4	8.0	0.80	0.097
Paddy	Husk	4.0	5.4	1.1	0.86	0.094
Others	Others	0.0070	0.0071	0.018	0.0018	0.00024
Total		**4.0**	**5.4**	**9.1**	**1.7**	**0.19**

Taluk level Residue-wise Data for Chozuba ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	8.1	10.9	16.3	1.6	0.20
Paddy	Husk	8.1	10.9	2.2	1.7	0.19
Others	Others	0.58	0.59	1.5	0.17	0.022
Total		**8.6**	**11.5**	**20.0**	**3.5**	**0.41**

Taluk level Residue-wise Data for Khezhakeno ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	1.2	1.6	2.8	0.48	0.055
Total		**1.2**	**1.6**	**2.8**	**0.48**	**0.055**

Taluk level Residue-wise Data for Muluri ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Paddy	Straw	7.8	10.5	15.7	1.6	0.19
Paddy	Husk	7.8	10.5	2.1	1.7	0.18
Maize	Stalks	2.5	2.5	5.1	0.51	0.066
Others	Others	0.071	0.0014	1.6	0.35	0.050
Total		**10.3**	**13.0**	**24.5**	**4.1**	**0.49**

Taluk level Residue-wise Data for Pfutser ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	2.6	3.3	6.2	0.98	0.12
Total		**2.6**	**3.3**	**6.2**	**0.98**	**0.12**

Taluk level Residue-wise Data for Phek Sadar ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	1.5	1.6	3.6	0.43	0.055
Total		**1.5**	**1.6**	**3.6**	**0.43**	**0.055**

Taluk level Residue-wise Data for Phokhungri ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.76	0.97	1.8	0.29	0.034
Total		**0.76**	**0.97**	**1.8**	**0.29**	**0.034**

Taluk level Residue-wise Data for Sakraba ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.50	0.52	1.3	0.13	0.017
Total		**0.50**	**0.52**	**1.3**	**0.13**	**0.017**

Taluk level Residue-wise Data for Sekruzu (Phugwu) ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.48	0.56	1.2	0.16	0.019
Total		**0.48**	**0.56**	**1.2**	**0.16**	**0.019**

Taluk level Residue-wise Data for Chessore ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	1.3	1.7	2.8	0.51	0.059
Total		**1.3**	**1.7**	**2.8**	**0.51**	**0.059**

Taluk level Residue-wise Data for Kiphire ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Paddy	Straw	5.7	7.3	10.9	1.1	0.13
Paddy	Husk	5.7	7.3	1.5	1.2	0.13
Total		**5.7**	**7.3**	**12.4**	**2.3**	**0.26**

Taluk level Residue-wise Data for Longleng ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.73	0.73	1.8	0.18	0.024
Total		**0.73**	**0.73**	**1.8**	**0.18**	**0.024**

Taluk level Residue-wise Data for Longnmatra ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.84	0.84	2.1	0.21	0.028
Total		**0.84**	**0.84**	**2.1**	**0.21**	**0.028**

Taluk level Residue-wise Data for Noklak ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	4.1	5.2	7.9	0.79	0.094
Paddy	Husk	4.1	5.2	1.0	0.84	0.092
Others	Others	0.10	0.10	0.27	0.045	0.0058
Total		**4.2**	**5.3**	**9.2**	**1.7**	**0.19**

Taluk level Residue-wise Data for Noksen ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	4.8	6.1	9.2	0.92	0.11
Paddy	Husk	4.8	6.1	1.2	0.98	0.11
Total		**4.8**	**6.1**	**10.4**	**1.9**	**0.22**

Taluk level Residue-wise Data for Panso ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.29	0.29	0.70	0.097	0.013
Total		**0.29**	**0.29**	**0.70**	**0.097**	**0.013**

Taluk level Residue-wise Data for Pungro ; 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	0.17	0.0033	0.67	0.53	0.075
Others	Others	0	0	0.0020	0.00020	2.41E-05
Total		**0.17**	**0.0033**	**0.67**	**0.54**	**0.075**

Taluk level Residue-wise Data for Shamator ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Maize	Stalks	2.6	2.6	5.1	0.51	0.067
Others	Others	0	0	1.3	0.13	0.018
Total		**2.6**	**2.6**	**6.4**	**0.64**	**0.085**

Taluk level Residue-wise Data for Aitepyong ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	2.1	2.7	6.0	0.98	0.12
Maize	Stalks	2.9	2.9	5.9	0.59	0.076
Total		**5.0**	**5.6**	**11.9**	**1.6**	**0.19**

Taluk level Residue-wise Data for Baghty ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	2.1	2.5	4.9	0.75	0.089
Total		**2.1**	**2.5**	**4.9**	**0.75**	**0.089**

Taluk level Residue-wise Data for Bhandari ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	4.6	6.0	9.0	0.90	0.11
Paddy	Husk	4.6	6.0	1.2	0.96	0.11
Total		**4.6**	**6.0**	**10.2**	**1.9**	**0.21**

Taluk level Residue-wise Data for Changpang ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.30	0.39	0.67	0.12	0.014
Total		**0.30**	**0.39**	**0.67**	**0.12**	**0.014**

Taluk level Residue-wise Data for Changsu ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	7.8	10.0	15.0	1.5	0.18
Paddy	Husk	7.8	10.0	2.0	1.6	0.18
Total		**7.8**	**10.0**	**17.0**	**3.1**	**0.36**

Taluk level Residue-wise Data for Lotsu ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	2.4	3.0	5.4	0.92	0.11
Total		**2.4**	**3.0**	**5.4**	**0.92**	**0.11**

Taluk level Residue-wise Data for Ralan ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	3.4	4.4	6.6	0.66	0.080
Paddy	Husk	3.4	4.4	0.88	0.71	0.078
Others	Others	0.26	0.26	0.66	0.068	0.0090
Total		**3.7**	**4.7**	**8.2**	**1.4**	**0.17**

Taluk level Residue-wise Data for Sanis ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.23	0.16	1.3	0.73	0.088
Paddy	Straw	2.2	2.8	4.2	0.42	0.051
Total		**2.4**	**3.0**	**5.5**	**1.2**	**0.14**

Taluk level Residue-wise Data for Sungro ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.27	0.29	0.66	0.078	0.0098
Total		**0.27**	**0.29**	**0.66**	**0.078**	**0.0098**

Taluk level Residue-wise Data for Akuluto ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	0.060	0.0012	0.24	0.19	0.027
Total		**0.060**	**0.0012**	**0.24**	**0.19**	**0.027**

Taluk level Residue-wise Data for Asukhomi ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.39	0.39	0.99	0.099	0.013
Total		**0.39**	**0.39**	**0.99**	**0.099**	**0.013**

Taluk level Residue-wise Data for Atoizu ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.19	0.095	0.23	0.035	0.0046
Total		**0.19**	**0.095**	**0.23**	**0.035**	**0.0046**

Taluk level Residue-wise Data for Ghatashi ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Others	Others	0.013	0.0066	0.016	0.0024	0.00032
Total		**0.013**	**0.0066**	**0.016**	**0.0024**	**0.00032**

Taluk level Residue-wise Data for Pughobeta ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Maize	Stalks	3.0	3.0	6.1	0.61	0.079
Others	Others	1.1	1.4	3.8	0.58	0.070
Total		**4.2**	**4.4**	**9.9**	**1.2**	**0.15**

Taluk level Residue-wise Data for Satakha ; Biomass Class : Agro						
Crop	**Residue**	**Area (kHa)**	**Crop Production (kT/Yr)**	**Biomass Generation (kT/Yr)**	**Biomass Surplus (kT/Yr)**	**Power Potential (MWe)**
Paddy	Straw	7.7	9.4	14.2	1.4	0.17
Paddy	Husk	7.7	9.4	1.9	1.5	0.17
Others	Others	0.098	0.098	0.26	0.043	0.0056
Total		**7.8**	**9.5**	**16.3**	**3.0**	**0.34**

Taluk level Residue-wise Data for Satpo ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	2.6	3.2	4.8	0.48	0.057
Paddy	Husk	2.6	3.2	0.64	0.51	0.056
Total		**2.6**	**3.2**	**5.4**	**0.99**	**0.11**

Taluk level Residue-wise Data for Suruhoto ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Others	Others	2.3	2.5	5.6	0.66	0.083
Total		**2.3**	**2.5**	**5.6**	**0.66**	**0.083**

Taluk level Residue-wise Data for V.K ; Biomass Class : Agro						
Crop	Residue	Area (kHa)	Crop Production (kT/Yr)	Biomass Generation (kT/Yr)	Biomass Surplus (kT/Yr)	Power Potential (MWe)
Paddy	Straw	2.4	2.9	4.4	0.44	0.053
Paddy	Husk	2.4	2.9	0.58	0.47	0.051
Total		**2.4**	**2.9**	**5.0**	**0.90**	**0.10**

Note:

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 reside-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 countrywide. 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.