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S. No.	Particulars	Units	Bhusawal	Bhusawal	Bhusawal	Bhusawal	Khaperkh	Khaperkh	Khaperkh	Khaperkh	Nashik	Nashik	Chandrapur #	Chandrapur #	Chandrapur #	Chandrapur #	Paras Units	Paras Units	Parli Units	Parli Units	Koradi	Koradi	Koradi	Koradi	URAN	URAN	URAN	URAN
			Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative
1	Operational parameters																											
1.1	Total Capacity	MW	210	210	1000	1000	840.00	840.00	500.00	500.00	630.00	630.00	1920	1920	1000	1000	500	500	500	500	420	420	1900	1900	672	672	672	
1.2	Availability	%	90.78%	90.78%	96.78%	96.78%	93.76%	93.76%	89.80%	89.80%	93.76%	93.76%	85.80%	85.80%	85.80%	85.80%	85.80%	85.80%	85.80%	85.80%	85.80%	85.80%	85.80%	85.80%	85.80%	85.80%	85.80%	
1.3	PLF	%	66%	66%	83%	83%	66.00%	66.00%	82.21%	82.21%	47.82%	47.82%	58.45%	58.45%	58.45%	58.45%	58.45%	58.45%	58.45%	58.45%	58.45%	58.45%	58.45%	58.45%	58.45%	58.45%	58.45%	
1.40	Gross Generation	MU	180.91	180.91	608.44	608.44	407.89	407.89	306.93	306.93	215.35	215.35	666.32	666.32	330.32	330.32	279.66	279.66	299.67	299.67	137.52	137.52	1021.39	1021.39	76.84	76.84	34.44	34.44
1.5	Auxiliary Consumption excluding FGD	%	12.01%	10.96%	1.94%	1.94%	11.05%	11.05%	9.70%	9.70%	6.37%	6.37%	10.22%	10.22%	7.80%	7.80%	10.22%	10.22%	9.30%	9.30%	13.23%	13.23%	8.00%	8.00%	10.43%	10.43%	9.00%	9.00%
1.60	Auxiliary Consumption excluding FGD	MU	12.12	11.06	36.16	36.16	45.08	45.08	19.57	19.57	13.41	13.41	38.51	38.51	36.04	36.04	32.70	32.70	29.77	29.77	26.01	26.01	14.55	14.55	13.38	13.38	2.87	2.87
1.7	Auxiliary Consumption for FGD	%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1.80	Auxiliary Consumption for FGD	MU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.9	Total Auxiliary Consumption	%	12.01%	10.96%	1.94%	1.94%	11.05%	11.05%	9.70%	9.70%	6.37%	6.37%	10.22%	10.22%	7.80%	7.80%	10.22%	10.22%	9.30%	9.30%	13.23%	13.23%	8.00%	8.00%	10.43%	10.43%	9.00%	9.00%
1.10	Total Auxiliary Consumption (+ 1.6 + 1.8)	MU	12.12	11.06	36.16	36.16	45.08	45.08	19.57	19.57	13.41	13.41	38.51	38.51	36.04	36.04	32.70	32.70	29.77	29.77	26.01	26.01	14.55	14.55	13.38	13.38	2.87	2.87
1.11	Net Generation (= 1.4 - 1.10)	MU	168.79	169.85	572.28	571.94	362.21	362.21	287.40	287.40	198.96	198.96	152.30	152.30	643.46	643.46	247.69	247.69	270.45	270.45	125.14	125.14	900.13	900.13	71.46	71.46	31.58	31.58
1.12	Heat Rate	kcal/kWh	2918.08	2787.00	2334.74	2335.00	2646.40	2630.00	2426.64	2426.64	2666.36	2774.00	2380.11	2375.00	2380.35	2430.00	2454.18	2430.00	2488.15	2488.15	2493.74	2493.74	2390.23	2390.23	2306.78	2306.78	2035.00	2035.00
1.13	Secondary Fuel Oil Consumption	m3/kWh	1.00	1.40	0.09	0.50	2.09	1.20	0.35	0.50	1.56	1.00	0.99	1.00	0.17	0.50	0.96	0.50	1.68	0.50	2.52	0.50	0.90	2.81	0.52	0.50	0.50	0.50
1.14	Transit Loss for Domestic and Washed Coal	%	0.760%	0.800%	0.804%	0.800%	2.349%	0.800%	2.352%	0.800%	0.637%	0.800%	0.800%	0.800%	0.492%	0.800%	0.855%	0.800%	1.054%	0.800%	0.000%	0.800%	-0.096%	0.800%	-0.027%	0.800%	0.000%	0.000%
1.15	Transit Loss for Imported Coal	%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	SHR coal component			2773.23		2570.08		2618.60		2370.25		2744.14		2678.50		2370.25		2425.27		2425.34		2425.34		2323.23		2225.34		0%
2	Fuel parameters (for each primary and secondary fuel)																											
2.1	Calorific Value	kcal/kg	4146.35	4146	4155	4155	3900	3900	3900	3900	4081	4081	4023	4023	4078	4078	4125	4125	3802	3802	3824	3823.65	3913.74	3913.74	3996.74	3996.74	8853	8853
2.1.1	Domestic Coal (As Billed)	kcal/kg	4764.02	4764	4752	4752	4654	4654	4654	4654	0	0	4698	4698	4697	4697	0	0	0	0	0	0	0	0	0	0	0	0
2.1.2	Imported Coal (As Billed)	kcal/kg	4020.57	4020.57	4020.57	4020.57	3770.00	3770.00	3770.00	3770.00	0.00	0.00	0	0	4150.00	4150.00	0.00	0.00	0.00	0.00	0.00	0.00	4079.81	4079.81	4102.55	4102.55	4102.55	4102.55
2.1.3	Domestic Coal (As Received)- Actual	kcal/kg	3141.00	3143.00	3098.42	3098.42	2987.00	2987.00	2987.00	2987.00	2669.27	2669.27	3247.00	3247.00	3247.00	3247.00	3361.84	3361.84	3349.64	3349.64	3349.64	3349.64	3641.42	3641.42	3602.08	3602.08	3602.08	3602.08
	GCV loss between loading and unloading end- Domestic Actual	kcal/kg	1003.35	1103.35	1056.51	1056.51	963.00	963.00	963.00	963.00	1211.49	1211.49	776.00	776.00	795.00	795.00	763.56	763.56	452.01	452.01	474.01	474.01	1272.32	1272.32	996.66	996.66	996.66	996.66
	GCV loss between loading and unloading end as per directions in MERC Order in Case No. 180 of 2020 (Mn. of Actual or 600)	kcal/kg	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	452.01	452.01	474.01	474.01	600.00	600.00	600.00	600.00	600.00	600.00
	Domestic Coal As Received GCV for FAC computation	kcal/kg	3546.35	3546.35	3554.93	3554.93	3330.00	3330.00	3330.00	3330.00	3480.76	3480.76	3423.00	3423.00	3474.00	3474.00	3525.40	3525.40	3349.64	3349.64	3349.64	3349.64	3313.74	3313.74	3398.74	3398.74	3398.74	3398.74
	Wash Coal (As Received)	kcal/kg	4079.11	4079.11	4079.11	4079.11	4008.00	4008.00	4008.00	4008.00	0.00	0.00	0.00	0.00	4211.00	4211.00	0.00	0.00	0.00	0.00	0.00	0.00	3771.90	3771.90	3763.14	3763.14	3763.14	3763.14
	GCV loss between loading and unloading end- Wash Coal Actual	kcal/kg	-58.54	-58.54	-58.54	-58.54	-238.00	-238.00	-238.00	-238.00	0.00	0.00	0.00	0.00	-61.00	-61.00	0.00	0.00	0.00	0.00	0.00	0.00	307.91	307.91	337.41	337.41	337.41	337.41
	GCV loss between loading and unloading end for Wash Coal as per Case No. 296 Of 2019 (Mn. of Actual or 300)	kcal/kg	-58.54	-58.54	-58.54	-58.54	-238.00	-238.00	-238.00	-238.00	0.00	0.00	0.00	0.00	-61.00	-61.00	0.00	0.00	0.00	0.00	0.00	0.00	300.00	300.00	300.00	300.00	300.00	300.00
	Wash coal As received GCV for FAC computation	kcal/kg	4079.11	4079.11	4079.11	4079.11	4008.00	4008.00	4008.00	4008.00	0	0	0	0	4211.00	4211.00	0	0	0	0	0	0	0	0	3779.81	3779.81	3802.55	3802.55
2.1.4	Imported Coal (As Received)	kcal/kg	4764.02	4764	4752	4752	4654	4654	4654	4654	0	0	4698	4698	4697	4697	0	0	0	0	0	0	0	0	0	0	0	0
	Weighted Avg Raw Wash & Imported Coal for FAC computation	kcal/kg	3626.96	3626.96	3633.84	3633.84	3675.76	3675.76	3675.76	3675.76	3486.42	3486.42	3489.22	3489.22	3606.79	3606.79	3525.40	3525.40	3349.64	3349.64	3349.64	3349.64	3598.04	3598.04	3814.09	3814.09	3814.09	3814.09
	Weighted avg. received GCV - Actual	kcal/kg	3237.10	3237.10	3214.48	3214.48	3477.17	3477.17	3477.17	3477.17	3341.65	3341.65	2869.27	2869.27	3232.36	3232.36	3433.10	3433.10	3361.84	3361.84	3349.64	3349.64	3331.01	3331.01	3764.93	3764.93	3764.93	3764.93
2.1.5	L.D.O	kcal/kg	10970.00	10970.00	10970.00	10970.00	10784.00	10784.00	10784.00	10784.00	10784.00	10784.00	10784.00	10784.00	10784.00	10784.00	10784.00	10784.00	10784.00	10784.00	10784.00	10784.00	10784.00	10784.00	10784.00	10784.00	10784.00	10784.00
2.1.6	F.O	kcal/kg	10671.00	10671.00	10671.00	10671.00	10260.00	10260.00	10260.00	10260.00	10707.00	10707.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00
2.1.7	F.O	kcal/kg	10671.00	10671.00	10671.00	10671.00	10260.00	10260.00	10260.00	10260.00	10707.00	10707.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00	10273.00
	Calorific Value after stacking loss																											
	Domestic Coal (As Fired)- Actual	kcal/kg	3045	3045.15	3130.00	3130.00	3274.00	3274.00	3274.00	3274.00	2780.00	2780.00	3281	3281.07	3398.37	3398.37	3345.00	3345.00	3277.00	3277.00	3286.00	3286.00	3018.00	3018.00	3422.00	3422.00	3422.00	3422.00
2.2	Stacking Loss																											
2.2.1	Stacking Loss Approved	kcal/kg	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
2.2.2	Stacking Loss Actual	kcal/kg	211.95	211.95	85.68	85.68	203.17	203.17	113.65	113.65	89.27	89.27	41.29	41.29	34.73	34.73	16.84	16.84	72.64	72.64	63.64	63.64	333.01	333.01	342.95	342.95	342.95	342.95
	Stacking loss to be considered as per MERC Regulations	kcal/kg	120.00	120.00	120.00	120.00	120.00	120.00	113.65	113.65	89.27	89.27	41.29	41.29	34.73	34.73	16.84	16.84	72.64	72.64	63.64	63.64	333.01	333.01	342.95	342.95	342.95	342.95
2.3	Calorific Value after stacking loss																											
2.3.1	Coal (As Fired)- to be considered for energy charge computation	kcal/kg	3045	3045.96	3130.00	3130.00	3274.00	3274.00	3274.00	3274.00	2780.00	2780.00	3281	3281.07	3398	3398	3372.05	3372.05	335									

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																					GTS & GTS		GTS & GTS	
S.No.	Particulars	Units	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative				
1	Operational parameters																							
1.1	Total Capacity	MW	210	210	1800	1800	8400	8400	5000	5000	6300	6300	1920	1920	1000	1000	500	500	250	250				
1.2	Availability	%	70.17%	70.17%	85.39%	85.39%	78.74%	78.74%	78.88%	78.88%	82.67%	82.67%	82.67%	82.67%	82.67%	82.67%	82.67%	82.67%	82.67%	82.67%				
1.3	PLF	%	72%	72%	84%	84%	68.74%	68.74%	78.01%	78.01%	80.39%	80.39%	80.39%	80.39%	80.39%	80.39%	80.39%	80.39%	80.39%	80.39%				
1.40	Gross Generation	MU	101.93	101.93	281.79	281.79	407.09	407.09	262.49	262.49	233.62	233.62	996.49	996.49	570.71	570.71	283.85	283.85	299.84	299.84				
1.5	Auxiliary Consumption excluding FGD	%	12.21%	10.96%	6.41%	6.41%	10.96%	9.76%	9.76%	9.76%	11.54%	10.79%	9.76%	9.76%	10.79%	9.76%	10.79%	9.76%	10.79%	9.76%				
1.60	Auxiliary Consumption excluding FGD	MU	12.47	11.17	37.92	35.51	44.37	39.49	18.49	16.95	27.19	25.31	91.53	77.26	33.40	34.42	29.79	26.40	30.80	27.99				
1.7	Auxiliary Consumption for FGD	%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%				
1.80	Auxiliary Consumption for FGD	MU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
1.9	Total Auxiliary Consumption (F + 1.6 + 1.8)	%	12.21%	10.96%	6.41%	6.41%	10.96%	9.76%	9.76%	9.76%	11.54%	10.79%	9.76%	9.76%	10.79%	9.76%	10.79%	9.76%	10.79%	9.76%				
1.10	Total Auxiliary Consumption	%	12.21%	10.96%	6.41%	6.41%	10.96%	9.76%	9.76%	9.76%	11.54%	10.79%	9.76%	9.76%	10.79%	9.76%	10.79%	9.76%	10.79%	9.76%				
1.11	Net Generation (F + 1.4 - 1.10)	MU	89.46	90.79	553.87	553.28	367.62	367.62	264.00	264.00	208.42	208.29	889.96	913.21	540.31	539.29	254.06	257.45	240.04	241.91				
1.12	Heat Rate	kcal/kWh	2658.69	2702.08	2108.78	2171.09	2041.53	2060.00	2462.50	2373.00	2730.45	2714.00	2626.97	2688.00	2325.41	2349.56	2430.00	2409.00	2360.00	2398.52				
1.13	Secondary Fuel Oil Consumption	m3/kWh	0.09	1.40	0.35	0.36	1.05	1.20	0.32	0.30	0.65	1.00	0.73	1.00	0.37	0.30	1.05	1.47	0.30	1.39				
1.14	Transit Loss for Domestic and Washed Coal	%	0.884%	0.800%	0.760%	0.800%	3.606%	0.800%	3.606%	0.800%	0.655%	0.800%	0.468%	0.800%	0.420%	0.800%	0.783%	0.800%	0.480%	0.800%				
1.15	Transit Loss for Imported Coal	%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%				
SHR coal component			2849.91	2773.23	2535.35	2370.08	2623.03	2618.60	2499.45	2370.25	2713.95	2743.90	2620.09	2678.77	2320.13	2370.39	2379.47	2425.20	2389.31	2425.27				
2 Feed parameters (the each primary and secondary fuel)																								
2.1 Calorific Value																								
2.1.1	Domestic Coal (As Billed)	kcal/kg	4038.94	4039	4144	4144	3910	3910	3910	3910	4135	4135	4043	4043	4127	4127	4190	4190	3953	3953				
2.1.2	Imported Coal (As Billed)	kcal/kg	0.00	0.00	4654	4654	4654	4654	4654	4654	0.00	0.00	4697	4697	4698	4698	0.00	0.00	0.00	0.00				
2.1.3	Wash Coal (As Billed)	kcal/kg	4450.00	4450.00	4384.81	4384.81	3785.00	3785.00	3785.00	3785.00	4195.00	4195.00	4195.00	4195.00	4195.00	4195.00	4195.00	4195.00	4195.00	4195.00				
2.1.4	Domestic Coal (As Received)	kcal/kg	3545.76	3545.76	3116.55	3116.55	3152.00	3152.00	3152.00	3152.00	3147.26	3147.26	3243.66	3243.66	3313.88	3313.88	3402.26	3402.26	3313.88	3313.88				
2.1.5	Wash Coal (As Received)	kcal/kg	1184.18	1184.18	1072.82	1072.82	758.00	758.00	758.00	758.00	985.30	985.30	798.91	798.91	793.42	793.42	787.37	787.37	418.22	418.22				
2.1.6	GCV loss between loading and unloading and Domestic Actual	kcal/kg	375.00	375.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00				
2.1.7	GCV loss between loading and unloading and as per directions in MERC Order in Case No.227 of 2022	kcal/kg	375.00	375.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00				
2.1.8	GCV loss between loading and unloading and as per directions in MERC Order in Case No.227 of 2022	kcal/kg	375.00	375.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00				
2.1.9	Domestic coal As received GCV for FAC computation	kcal/kg	3463.94	3463.94	3159.37	3159.37	3285.00	3285.00	3285.00	3285.00	3507.56	3507.56	3417.57	3417.57	3502.30	3502.30	3614.63	3614.63	3335.00	3335.00				
2.1.10	Wash Coal (As Received)	kcal/kg	4250.11	4250.11	4250.11	4250.11	3915.00	3915.00	3915.00	3915.00	0.00	0.00	0.00	0.00	4211.48	4211.48	0.00	0.00	0.00	0.00				
2.1.11	GCV loss between loading and unloading and Wash Coal Actual	kcal/kg	199.89	199.89	144.40	144.40	-140.00	-140.00	-140.00	-140.00	0.00	0.00	-61.48	-61.48	0.00	0.00	0.00	0.00	232.28	232.28				
2.1.12	GCV loss between loading and unloading and as per Wash Coal as per Case No. 296 of 2019 Min. of Actual or 200	kcal/kg	199.89	199.89	144.40	144.40	-140.00	-140.00	-140.00	-140.00	0.00	0.00	-61.48	-61.48	0.00	0.00	0.00	0.00	232.28	232.28				
2.1.13	Wash coal As received GCV for FAC computation	kcal/kg	4250.11	4250.11	4250.11	4250.11	3915.00	3915.00	3915.00	3915.00	0.00	0.00	0.00	0.00	4211.48	4211.48	0.00	0.00	0.00	0.00				
2.1.14	Imported Coal (As Received)	kcal/kg	0.00	0.00	0.00	0.00	4654	4654	4654	4654	0.00	0.00	4697	4697	4698	4698	0.00	0.00	0.00	0.00				
2.1.15	Weighted Avg Raw Wash & Imported Coal for FAC Computation	kcal/kg	3618.52	3618.52	3677.97	3677.97	3602.26	3602.26	3537.40	3537.40	3507.56	3507.56	3507.11	3507.11	3600.14	3600.14	3614.63	3614.63	3335.00	3335.00				
2.1.16	Washed coal received GCV - Actual	kcal/kg	3129.12	3129.12	3362.57	3362.57	3325.92	3325.92	3435.69	3435.69	3147.26	3147.26	3345.38	3345.38	3441.67	3441.67	3402.26	3402.26	3335.00	3335.00				
2.1.17	L.D.O	kcal/kg	10970.00	10970.00	10970.00	10970.00	10970.00	10970.00	10970.00	10970.00	10970.00	10970.00	10970.00	10970.00	10970.00	10970.00	10970.00	10970.00	10970.00	10970.00				
2.1.18	F.O	kcal/kg	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00				
2.1.19	Fuel 4	kcal/kg	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00	10671.00				
2.2 Calorific Value after stacking loss																								
2.2.1	Domestic Coal (As Fired) - Actual	kcal/kg	3027	3027.02	3117.78	3117.78	3445.00	3445.00	3280.00	3280.00	3015.00	3015.00	3209	3209.91	3314.71	3314.71	3308.00	3308.00	3062.00	3062.00				
2.2.2	Stacking Loss	kcal/kg	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00				
2.2.3	Stacking Loss Approval	kcal/kg	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00				
2.2.4	Stacking Loss Actual	kcal/kg	102.10	102.10	102.10	102.10	80.92	80.92	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00				
2.2.5	stacking loss to be considered as per MERC Regulations	kcal/kg	102.10	102.10	102.10	102.10	80.92	80.92	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00				
2.3 Calorific Value after stacking loss																								
2.3.1	Coal (As Fired) to be considered for energy charge computation	kcal/kg	3027	3027.02	3117.78	3117.78	3445.00	3445.00	3280.00	3280.00	3015.00	3015.00	3209	3209.91	3314.71	3314.71	3308.00	3308.00	3062.00	3062.00				
2.3.2		kcal/kg	3027	3027.02	3117.78	3117.78	3445.00	3445.00	3280.00	3280.00	3015.00	3015.00	3209	3209.91	3314.71	3314.71	3308.00	3308.00	3062.00	3062.00				
2.4 Landfill Fuel Price per unit																								
2.4.1	Domestic Coal	Ru/Mt	4082	4078.67	3952.80	4050.91	3129.47	3104.96	3019.20	3101.87	4353.32	4358.52	3752	3818.89	3668.80	3770.19	4370.92	4365.05	4630.46	4678.76				
2.4.2	Domestic Coal	Ru/Mt	0.00	0.00	0.00	0.00	14998.81	13004.07	14908.20	14875.46	0.00	0.00	15191	15137.20	13007.77	13009.39	0.00	0.00	0.00	0.00				
2.4.3	Wash Coal	Ru/Mt	4434	4407.82	4079.42	4054.56	4096.64	4013.90	4094.80	4010.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4446.91	4446.91				
2.4.4	Weighted Avg price	Ru/Mt	4209.87																					

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S.No.	Particulars	Units	Bhusawal 4 & 5	Bhusawal 4 & 5	Bhusawal 4 & 5	Khaperkheda 1 TO 4	Khaperkheda 1 TO 4	Khaperkheda 1 TO 4	Khaperkheda 1 TO 4	Khaperkheda 1 TO 4	Nashik	Nashik	Chandrapur # 3 to 7	Chandrapur # 3 to 7	Chandrapur Units 8 & 9	Chandrapur Units 8 & 9	Paras Units 3 & 4	Paras Units 3 & 4	Parli Units 6 & 7	Parli Units 6 & 7	Parli Unit 8	Parli Unit 8	Koradi 6	Koradi 6	Koradi Units 8, 9 & 10	Koradi Units 8, 9 & 10	URAN	URAN	URAN	URAN	
1	Operational parameters		Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	
1.1	Total Capacity	MW	210	210	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	
1.2	Availability	%	76.75%	76.75%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	75.50%	
1.3	PLF	%	69%	69%	73%	73%	67.49%	67.49%	67.49%	67.49%	67.49%	67.49%	67.49%	67.49%	67.49%	67.49%	67.49%	67.49%	67.49%	67.49%	67.49%	67.49%	67.49%	67.49%	67.49%	67.49%	67.49%	67.49%	67.49%	67.49%	
1.40	Gross Generation	MU	105.56	105.56	542.92	542.92	427.17	427.17	298.51	298.51	240.64	240.64	962.08	962.08	653.40	653.40	104.84	104.84	238.15	238.15	139.49	139.49	118.53	118.53	1002.46	1002.46	161.97	161.97	1.08	1.08	
1.50	Auxiliary Consumption excluding FGD	%	12.47%	12.47%	10.90%	10.90%	8.7%	8.7%	7%	7%	4%	4%	11.52%	10.78%	10%	11.52%	10.78%	9%	11.52%	10.78%	9%	11.52%	10.78%	7.82%	6.90%	3.17%	3.17%	0.43%	0.43%		
1.60	Auxiliary Consumption excluding FGD	MU	13.42	11.61	37.97	32.58	46.25	41.44	18.94	17.43	27.83	25.98	92.23	75.04	37.31	39.30	32.07	28.35	26.55	22.15	15.98	11.86	13.18	11.83	76.61	60.33	5.13	5.02	0.01	0.01	
1.7	Auxiliary Consumption for FGD	%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
1.80	Auxiliary Consumption for FGD	MU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1.9	Total Auxiliary Consumption	%	12.47%	10.90%	6.99%	6.09%	10.83%	9.70%	18.24%	6.52%	4.09%	11.52%	10.78%	9.99%	7.80%	5.73%	6.00%	10.52%	9.30%	11.19%	9.30%	11.40%	8.50%	11.12%	10.81%	7.62%	6.09%	3.17%	3.10%	0.63%	1.00%
1.10	Total Auxiliary	MU	13.42	11.61	37.97	32.58	46.25	41.44	18.94	17.43	27.83	25.98	92.23	75.04	37.31	39.30	32.07	28.35	26.55	22.15	15.98	11.86	13.18	11.83	76.61	60.33	5.13	5.02	0.01	0.01	
1.11	Net Generation (= 1.4 - 1.9)	MU	92.54	94.35	504.95	510.34	367.92	385.73	271.57	273.08	213.81	215.66	869.83	887.68	616.68	616.68	272.77	276.49	211.60	216.00	123.51	127.63	105.34	105.71	928.83	945.14	156.84	156.95	1.07	1.07	
1.12	Heat Rate	kcal/kWh	2997.30	2797.60	2368.88	2127.00	2609.69	2630.00	2460.63	2375.00	2235.51	2254.00	2661.63	2688.00	2375.00	2375.00	2477.21	2430.00	2446.73	2430.00	2391.00	2430.00	2311.25	2350.00	2423.38	2423.38	2150.77	2055.00	3512.89	2900.00	
1.13	Secondary Fuel Oil Consumption	m3/kWh	1.05	1.40	0.79	0.59	1.29	0.67	0.58	0.77	1.00	0.41	1.00	0.25	0.59	0.19	0.25	0.59	0.19	0.25	0.19	0.25	0.19	0.25	0.19	0.25	0.19	0.25	0.19	0.25	
1.14	Transit Loss for Domestic and Washed Coal	%	0.800%	0.800%	0.760%	0.800%	1.690%	0.800%	1.690%	0.800%	0.730%	0.800%	0.730%	0.800%	0.560%	0.800%	0.740%	0.800%	1.030%	0.800%	0.800%	0.800%	-0.617%	0.800%	-0.692%	0.800%	0%	0%	0%	0%	
1.15	Transit Loss for Imported Coal	%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	SHR coal component		2887.00	2773.23	2381.22	2370.08	2662.01	2618.40	2460.08	2370.25	2712.80	2743.99	2657.81	2678.57	2348.27	2370.29	2435.40	2425.29	2416.41	2425.27	2388.60	2425.27	2503.83	2324.50	2418.64	2225.46					
2	Fuel parameters (for each primary and secondary fuel)																														
2.1	Calorific Value																														
2.1.1	Domestic Coal (As Billets)	kcal/kg	3988.45	3988	4064	4064	3788	3788	3788	3788	4073	4073	4123	4123	4137	4137	4178	4178	3964	3964	3960	3960	3948.18	3948.18	3948.18	3983.96	3983.96	8807	8807	8799.27	8799.27
2.1.2	Imported Coal (As Billets)	kcal/kg	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.1.3	Wash Coal (As Billets)	kcal/kg	3675.88	3675.88	4060.98	4060.98	3764.35	3764.35	3764.35	3764.35	0.00	0.00	4009	4009.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4036.75	4036.75	4013.37	4013.37	2811.47	2811.47			
2.1.4	Domestic Coal (As Received)- Actual	kcal/kg	2793.75	2793.75	3035.29	3035.29	3170.42	3170.42	3170.42	3170.42	2981.60	2981.60	3377.00	3381.00	3381.00	3299.00	3299.00	3345.00	3345.00	3345.00	3345.00	3345.00	3345.00	3345.00	3345.00	3345.00	3345.00	3345.00	3345.00	3345.00	
2.1.5	GCV loss between loading end and unloading end- Domestic Actual	kcal/kg	1184.70	1184.70	1028.67	1028.67	617.66	617.66	617.66	617.66	1091.80	1091.80	746.00	746.00	754.00	754.00	879.00	879.00	618.76	618.76	615.18	615.18	1193.71	1193.71	1172.49	1172.49					
2.1.6	GCV loss between loading end and unloading end as per directions in MERC Order in Case No.227 of 2002	kcal/kg	575.00	575.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	
2.1.7	GCV loss between loading end and unloading end as per directions in MERC Order in Case No.227 of 2002	kcal/kg	575.00	575.00	625.00	625.00	617.66	617.66	617.66	617.66	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	
2.1.8	Domestic Coal As received GCV for FAC computation	kcal/kg	3413.45	3413.45	3438.96	3438.96	3170.42	3170.42	3170.42	3170.42	3448.40	3448.40	3498.00	3498.00	3512.00	3512.00	3603.00	3603.00	3345.00	3345.00	3385.18	3385.18	3323.18	3323.18	3358.96	3358.96					
2.1.9	Wash Coal (As Received)	kcal/kg	4250.11	4250.11	4011.77	4011.77	3924.05	3924.05	3924.05	3924.05	0.00	0.00	4206.00	4206.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3751.40	3751.40	3638.12	3638.12					
2.1.10	GCV loss between loading end and unloading end - Wash Coal Actual	kcal/kg	-574.23	-574.23	49.21	49.21	-159.70	-159.70	-159.70	-159.70	0.00	0.00	-197.00	-197.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	285.35	285.35	375.25	375.25					
2.1.11	GCV loss between loading end and unloading end as per Case No. 206 of 2019(1 Min. of Actual or 100)	kcal/kg		-574.23	49.21		-159.70		-159.70		0.00		-197.00		0.00		0.00		0.00		0.00		285.35		300.00						
2.1.12	Wash Coal As received GCV for FAC computation	kcal/kg	4250.11	4250.11	4011.77	4011.77	3924.05	3924.05	3924.05	3924.05	0.00	0.00	4206.00	4206.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3751.40	3751.40	3713.37	3713.37					
2.1.13	Imported Coal (As Received)	kcal/kg	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.1.14	Weighted Avg Raw Wash & Imported Coal for FAC Computation	kcal/kg	3671.34	3671.34	3617.96	3617.96	3339.03	3339.03	3411.27	3411.27	3448.40	3448.40	3535.84	3535.84	3576.90	3576.90	3603.00	3603.00	3345.00	3345.00	3385.18	3385.18	3451.60	3451.60	3700.43	3700.43					
2.1.15	Weighted avg. received GCV - Actual	kcal/kg	3243.35	3243.35	3380.44	3380.44	3359.03	3359.03	3411.27	3411.27	3448.40	3448.40	3421.31	3421.31	3454.96	3454.96	3299.00	3299.00	3345.00	3345.00	3345.00	3345.00	3345.00	3345.00	3345.00	3345.00	3345.00	3345.00	3345.00	3345.00	3345.00
2.1.16	L.D.O	kcal/kg	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00	10973.00
2.1.17	F.O	kcal/kg	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00	10673.00
2.1.18	Fuel 4	kcal/kg																													
2.2	Calorific Value after stacking loss																														
2.2.1	Domestic Coal (As Fired)- Actual	kcal/kg	3039	3039.05	3107.07	3107.07	3254.00	3254.00	3259.00	3259.00	2863.00	2863.00	3324	3324.00	3338.66	3338.66	3156.00	3156.00	3318.00	3318.00	3272.00	3272.00	2876.00	2876.00	3285.00	3285.00					
2.2.2	Stacking Loss																														
2.2.3	Stacking Loss Approved	kcal/kg	128.00	128.00	120.00	120.00	128.00	128.00	128.00	128.00	128.00	128.00	128.00	128.00	128.00	128.00	128.00	128.00	128.00	128.00	128.00	128.00	128.00	128.00	128.00	128.00	128.00	128.00	128.00	128.00	128.00
2.2.4	Stacking Loss Actual	kcal/kg	284.30	284.30	230.37</																										

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