MoD stack is prepared as per Clause 33 of State Grid Code Regulation 2020 issued by Hon. MERC on dtd. 02.09.2020

DISCOM WISE MOD STACK OF VARIABLE CHARGES (VC) FOR OCTOBER-2026 (R1)

(*Effective from 17.10.2026 to 15.11.2026)

Sr. no.	Generating Station	OWNER/TYPE	Installed Capacity/ Share in ISGS (MW)	Type of Fuel	Variable Charge Rs./KWh In Descending Order		
					Approved Variable Charge(Rs/ KWh)	Impact for approved change in law (if any) Rs./KWh)	Total Variable Charge(Rs/ KWh)
1	2	3	4	5	6	7	8
	DECENTRALISED MOD STACK FOR MSEDCL						
1	KAWAS (LQ)	Gas	-	Gas	29.3875		29.3875
2	KAWAS (COM GAS)	Gas	-	Gas	26.8289		26.8289
3	JGPS (COM GAS)	Gas	-	Gas	25.9350		25.9350
4	KAWAS (RLNG)	Gas	-	Gas	21.5469		21.5469
5	JGPS (RLNG)	Gas	-	Gas	21.4401		21.4401
6	Uran GTPS (Open cycle operation)			Gas	8.9560		8.9560
7	Uran GTPS (Combined cycle operation)	Gas	672	Gas	6.4220		6.4220
8	Nasik Unit - 03 to 05	Coal	630	Gas	6.1230		6.1230
9	Bhusawal Unit - 03	Coal	210	Gas	5.1640		5.1640
10	CGPL Coastal Gujarat	Coal	760	Coal	5.0895		5.0895
11	JSW U1, Jaigad	Coal	300	Coal	3.9812	0.7650	4.7462
12	Solapur STPS	Coal	1320/616.04	Coal	4.7292		4.7292
13	APML, 440 MW	Coal	440	Coal	2.3701	2.1538	4.5239
14	APML, Unit 1,4 & 5 125 MW	Coal	125	Coal	2.3101	2.1538	4.4639
15	APML, Unit 1,4 & 5 1200 MW	Coal	1200	Coal	2.3101	2.1538	4.4639
16	Parali Unit -08	Coal	250	Coal	4.3000		4.3000
17	Bhusawal Unit - 04 & 05	Coal	1000	Coal	4.2390		4.2390
18	Parali Unit - 06 & 07	Coal	500	Coal	4.2380		4.2380
19	Paras Unit - 03 & 04	Coal	500	Coal	4.0800		4.0800
20	APML, Unit 2 & 3 (1320 MW)	Coal	1320	Coal	1.5730	2.4294	4.0024
21	Chandrapur Unit - 03 to 07	Coal	1920	Coal	3.8720		3.8720
22	Bhusawal Unit - 06	Coal	660	Coal	3.6640		3.6640
23	Koradi Unit - 06	Coal	210	Coal	3.5620		3.5620
24	Chandrapur Unit - 08,09	Coal	1000	Coal	3.5400		3.5400
25	IEPL Case-IV Ideal Energy	Coal	180	Coal	3.5070	-0.0860	3.4210
26	Gadarwara	Coal	1600/50	Coal	3.3863		3.3863
27	Khaperkheda Unit - 01 to 04	Coal	840	Coal	3.3260		3.3260
28	Khargone	Coal	1320/50	Coal	3.2864		3.2864
29	KHTPS-II	Coal	1500/148	Coal	3.1061		3.1061
30	Koradi Unit - 08 to 10	Coal	1980	Coal	3.0120		3.0120
31	MSTPS-I	Coal	1000/370.48	Coal	2.8155		2.8155
32	SWPGL (Sai Wardha)	Coal	240	Coal	2.4901	0.3747	2.8648
33	MSTPS-II	Coal	1320/500.2	Coal	2.8593		2.8593
34	GMR-Warora NTPC	Coal	200	Coal	2.8155		2.8155
35	VIPL UNIT-1&2 to MSEDCL (Powerpulse) Vidarbha Industries	Coal	543	Coal	2.7980		2.7980
36	VMPL to MSEDCL(Manikaran Power Ltd. (MPL)) Vidarbha Minerals	Coal	100	Coal	2.7980		2.7980
37	Jindal Power Ltd,Shirpur (Dhule) to MSEDCL	Coal	100	Coal	2.7980		2.7980
38	Khaperkheda Unit - 05	Coal	500	Coal	2.7810		2.7810
39	Jindal Power Limited,Tamnar (Interstate)	Coal	250	Coal	2.5782		2.5782
40	VSTP-I	Coal	1260/410	Coal	2.4054		2.4054
41	RattanIndia Power Ltd, Amravati	Coal	1200	Coal	2.0179	0.3655	2.3834
42	VSTPS-V	Coal	500/148.89	Coal	2.2842		2.2842
43	VSTP-II	Coal	1000/319	Coal	2.2659		2.2659
44	VSTPS-III	Coal	1000/258	Coal	2.2309		2.2309
45	VSTP-IV	Coal	1000/270.48	Coal	2.2142		2.2142
46	Lara	Coal	1600/230	Coal	1.7371		1.7371
47	SSTPS-II	Coal	1000/258	Coal	1.5686		1.5686
48	SSTPS-I	Coal	1980/510	Coal	1.5492		1.5492
49	KSTPS I AND II	Coal	2100/610	Coal	1.5349		1.5349
50	KSTPS-III	Coal	500/108.2	Coal	1.5133		1.5133
	DECENTRALISED MOD STACK FOR AEML-D						
1	ADTPS U-1 & 2 Adani,Dahanu	ADTPS	500	Coal	3.8478	0.0000	3.8478
2	SWPGL U1234 Sai WardhaTO AEML	MTOA	100	Coal	2.7140	0.0000	2.7140
3	DHARIWAL TO AEML- (Interstate sch by WRLDC)	Inter/STOA	125	Coal	2.7690	0.0000	2.7690
4	IEPL -Ideal Energy TO AEML	MTOA	50	Coal	2.7690	0.0000	2.7690
5	JINDAL PL U1&2 Dhule to AEML	MTOA	100	Coal	2.7850	0.0000	2.7850
	DECENTRALISED MOD STACK FOR TPC-D						
1	TPC U-7 (RLNG)	TATA	xxx	Gas	25.6240	0.0000	25.6240
2	TPC U-5	TATA	500.0000	Coal/Oil/Gas	7.7560	0.0000	7.7560
3	TPC U-8	TATA	250.0000	Coal	7.5530	0.0000	7.5530
4	TPC U-7 (APM)	TATA	180.0000	Gas	6.2880	0.0000	6.2880
5	JINDAL PL TO TATA-D	MTOA	70.0000	Coal	2.7830	0.0000	2.7830
	DECENTRALISED MOD STACK FOR BEST-D						
1	TPC U-7 (RLNG)	TATA	xxx	Gas	25.6240	0.0000	25.6240
2	TPC U-5	TATA	500.0000	Coal/Oil/Gas	7.7560	0.0000	7.7560
3	TPC U-8	TATA	250.0000	Coal	7.5530	0.0000	7.5530
4	TPC U-7 (APM)	TATA	180.0000	Gas	6.2880	0.0000	6.2880
5	SWPGL TO BEST	MTOA	125.0000	Coal	2.7800	0.0000	2.7800

NOTE-

1) Prepared as per Clause 33 of State Grid Code Regulation 2020 issued by Hon'ble MERC dtd. 2nd sept 2020 .

2) MOD rate stack "R1" is revised, due to revised MOD rates of APML PPAs are submitted by MSEDCL is updated on mahasldc.in website.

3) Actual rates of NTPC Kawas and Gandhar are displayed on WRLDC web-site daily.

4) Hydro generation is not considered for MOD. Central sector optimization is carried out in WRLDC's website manually by considering its MOD rates.

5) Gas and RE and Nuclear Generation is considered as "MUST RUN" except TPCU-7 NAPM/RLNG gas.

MoD stack is prepared as per Clause 33 of State Grid Code Regulation 2020 issued by Hon. MERC on dtd. 02.09.2020

DISCOM WISE MOD STACK OF VARIABLE CHARGES (VC) FOR OCTOBER-2026 (R0)

(*Effective from 16.10.2026 to 15.11.2026)

Sr. no.	Generating Station	OWNER/TYPE	Installed Capacity/ Share in ISGS (MW)	Type of Fuel	Variable Charge Rs./KWh in Descending Order		
					Approved Variable Charge(Rs/KWh)	Impact for approved change in law (if any) Rs./KWh	Total Variable Charge(Rs/ KWh)
1	2	3	4	5	6	7	8
	DECENTRALISED MOD STACK FOR MSEDCL						
1	KAWAS (LQ)	Gas	-	Gas	29.3875		29.3875
2	KAWAS (COM GAS)	Gas	-	Gas	26.8289		26.8289
3	JGPS (COM GAS)	Gas	-	Gas	25.9350		25.9350
4	KAWAS (RLNG)	Gas	-	Gas	21.5469		21.5469
5	JGPS (RLNG)	Gas	-	Gas	21.4401		21.4401
6	Uran GTPS (Open cycle operation)			Gas	8.9560		8.9560
7	Uran GTPS (Combined cycle operation)	Gas	672	Gas	6.4220		6.4220
8	Nasik Unit - 03 to 05	Coal	630	Gas	6.1230		6.1230
9	Bhusawal Unit - 03	Coal	210	Gas	5.1640		5.1640
10	CGPL Coastal Gujarat	Coal	760	Coal	5.0895		5.0895
11	JSW U1, Jaigad	Coal	300	Coal	3.9812	0.7650	4.7462
12	Solapur STPS	Coal	1320/616.04	Coal	4.7292		4.7292
13	Parali Unit -08	Coal	250	Coal	4.3000		4.3000
14	Bhusawal Unit - 04 & 05	Coal	1000	Coal	4.2390		4.2390
15	Parali Unit - 06 & 07	Coal	500	Coal	4.2380		4.2380
16	Paras Unit - 03 & 04	Coal	500	Coal	4.0800		4.0800
17	Chandrapur Unit - 03 to 07	Coal	1920	Coal	3.8720		3.8720
18	APML, Unit 2 & 3 (1320 MW)	Coal	1320	Coal	1.5730	2.1222	3.6952
19	Bhusawal Unit - 06	Coal	660	Coal	3.6640		3.6640
20	Koradi Unit - 06	Coal	210	Coal	3.5620		3.5620
21	Chandrapur Unit - 08,09	Coal	1000	Coal	3.5400		3.5400
22	APML, 440 MW	Coal	440	Coal	2.3701	1.1162	3.4863
23	APML, Unit 1,4 & 5 125 MW	Coal	125	Coal	2.3101	1.1162	3.4263
24	APML, Unit 1,4 & 5 1200 MW	Coal	1200	Coal	2.3101	1.1162	3.4263
25	IEPL Case-IV Ideal Energy	Coal	180	Coal	3.5070	-0.0860	3.4210
26	Gadarwara	Coal	1600/50	Coal	3.3863		3.3863
27	Khaperkheda Unit - 01 to 04	Coal	840	Coal	3.3260		3.3260
28	Khargone	Coal	1320/50	Coal	3.2864		3.2864
29	KHTPS-II	Coal	1500/148	Coal	3.1061		3.1061
30	Koradi Unit - 08 to 10	Coal	1980	Coal	3.0120		3.0120
31	MSTPS-I	Coal	1000/370.48	Coal	2.8155		2.8155
32	SWPGL (Sai Wardha)	Coal	240	Coal	2.4901	0.3747	2.8648
33	MSTPS-II	Coal	1320/500.2	Coal	2.8593		2.8593
34	GMR-Warora NTPC	Coal	200	Coal	2.8155		2.8155
35	VIPL UNIT-1&2 to MSEDCL (Powerpulse) Vidarbha Industries	Coal	543	Coal	2.7980		2.7980
36	VMPL to MSEDCL(Manikaran Power Ltd. (MPL)) Vidarbha Minerals	Coal	100	Coal	2.7980		2.7980
37	Jindal Power Ltd,Shirpur (Dhule) to MSEDCL	Coal	100	Coal	2.7980		2.7980
38	Khaperkheda Unit - 05	Coal	500	Coal	2.7810		2.7810
39	Jindal Power Limited,Tamnar (Interstate)	Coal	250	Coal	2.5782		2.5782
40	VSTP-I	Coal	1260/410	Coal	2.4054		2.4054
41	RattanIndia Power Ltd, Amravati	Coal	1200	Coal	2.0179	0.3655	2.3834
42	VSTPS-V	Coal	500/148.89	Coal	2.2842		2.2842
43	VSTP-II	Coal	1000/319	Coal	2.2659		2.2659
44	VSTPS-III	Coal	1000/258	Coal	2.2309		2.2309
45	VSTP-IV	Coal	1000/270.48	Coal	2.2142		2.2142
46	Lara	Coal	1600/230	Coal	1.7371		1.7371
47	SSTPS-II	Coal	1000/258	Coal	1.5686		1.5686
48	SSTPS-I	Coal	1980/510	Coal	1.5492		1.5492
49	KSTPS I AND II	Coal	2100/610	Coal	1.5349		1.5349
50	KSTPS-III	Coal	500/108.2	Coal	1.5133		1.5133
	DECENTRALISED MOD STACK FOR AEML-D						
1	ADTPS U-1 & 2 Adani,Dahanu	ADTPS	500	Coal	3.8478	0.0000	3.8478
2	SWPGL U1234 Sai WardhaTO AEML	MTOA	100	Coal	2.7140	0.0000	2.7140
3	DHARIWAL TO AEML- (Interstate sch by WRLDC)	Inter/STOA	125	Coal	2.7690	0.0000	2.7690
4	IEPL -Ideal Energy TO AEML	MTOA	50	Coal	2.7690	0.0000	2.7690
5	JINDAL PL U1&2 Dhule to AEML	MTOA	100	Coal	2.7850	0.0000	2.7850
	DECENTRALISED MOD STACK FOR TPC-D						
1	TPC U-7 (RLNG)	TATA	xxx	Gas	25.6240	0.0000	25.6240
2	TPC U-5	TATA	500.0000	Coal/Oil/Gas	7.7560	0.0000	7.7560
3	TPC U-8	TATA	250.0000	Coal	7.5530	0.0000	7.5530
4	TPC U-7 (APM)	TATA	180.0000	Gas	6.2880	0.0000	6.2880
5	JINDAL PL TO TATA-D	MTOA	70.0000	Coal	2.7830	0.0000	2.7830
	DECENTRALISED MOD STACK FOR BEST-D						
1	TPC U-7 (RLNG)	TATA	xxx	Gas	25.6240	0.0000	25.6240
2	TPC U-5	TATA	500.0000	Coal/Oil/Gas	7.7560	0.0000	7.7560
3	TPC U-8	TATA	250.0000	Coal	7.5530	0.0000	7.5530
4	TPC U-7 (APM)	TATA	180.0000	Gas	6.2880	0.0000	6.2880
5	SWPGL TO BEST	MTOA	125.0000	Coal	2.7800	0.0000	2.7800

NOTE-

1) Prepared as per Clause 33 of State Grid Code Regulation 2020 issued by Hon'ble MERC dtd. 2nd sept 2020 .
2) "R0" is updated on mahasldc.in website.
3) Actual rates of NTPC Kawas and Gandhar are displayed on WRLDC web-site daily.
4) Hydro generation is not considered for MOD. Central sector optimization is carried out in WRLDC's website manually by considering its MOD rates.
5) Gas and RE and Nuclear Generation is considered as "MUST RUN" except TPCU-7 APM & RLNG(NAPM GAS).

MAHARASHTRA STATE POWER GENERATION CO. LTD.

PH: 26472211, 26472131
FAX:91-22-26580643
Email: rcgen@mahagenco.in

Regulatory & Commercial Dept.
Prakashgad, 3rd Floor,
Bandra (E) Mumbai 400 051

Energy Bill No: 001/2026 **Bill Date:** 01-10-2026 **Due date:** 14-11-2026

THERMAL & GAS STATIONS Energy bill for the month of September-2026

SR. NO.	POWER STATION	UNITS SENT OUT Sheduled generation (Mus)	ENERGY RATE (Rs./Unit)	MONTHLY ENERGY CHARGE (Rs. in Lakhs)	APPROVED MONTHLY FIXED CHARGE (Rs.in Lakhs)	BILL CLAIMED FOR THE MONTH (Rs.in Lakhs)	ADDITIONAL AFC DISALLOWANCE ADJUSTED FOR THE CURRENT MONTH (Rs.LAKHS.)	NET FC AFTER ADJUSTING THE AFC DISALLOWANCE UPTO THE MONTH (Rs.in Lakhs)	NET BILL CLAIMED FOR THE MONTH (Rs.in Lakhs)
a	b	c	d	e = (c * d)*10	f	g = e + f	h = oo	i = f - h	j = g - h
1	BHUSAWAL (Unit 3)	72.657469	5.329	3871.9165230	1406.8655917	5278.7821147	-222.3426909	1629.2082826	5501.1248056
2	BHUSAWAL (Unit 4-5)	445.504863	4.404	19620.0341665	7628.2735658	27248.3077323	754.2376450	6874.0359208	26494.0700873
3	BHUSAWAL (Unit 6)	272.407095	3.668	9991.8922446	10976.0833333	20967.9755779	2514.9693437	8461.1139896	18453.0062342
4	KHAPARKHEDA (Unit 1- 4)	327.971892	3.840	12594.1206528	6361.2198017	18955.3404545	891.7507783	5469.4690234	18063.5896762
5	KHAPARKHEDA U # 5	278.169318	3.428	9535.6442210	5432.3968175	14968.0410385	-0.2048067	5432.6016242	14968.2458452
6	NASHIK (Unit 3-5)	233.398411	5.401	12605.8481781	4064.5530408	16670.4012189	-376.1758879	4440.7289287	17046.5771068
7	CHANDRAPUR (Unit 3-7)	819.784122	4.658	38185.5444028	10585.6841450	48771.2285478	-805.2762095	11390.9603545	49576.5047573
8	CHANDRAPUR (Unit- 8 & 9)	551.286810	3.617	19940.0439177	10040.3779750	29980.4218927	-96.9042032	10137.2821782	30077.3260959
9	PARAS (Unit 3- 4)	226.042558	4.202	9498.3082872	4740.1221492	14238.4304364	417.8686197	4322.2535295	13820.5618167
10	PARLI (Unit 6- 7)	223.575663	5.530	12363.7341639	5088.5062175	17452.2403814	425.6520505	4662.8541670	17026.5883309
11	PARLI (Unit 8)	115.740396	5.393	6241.8795563	3162.9899383	9404.8694946	-463.0249415	3626.0148798	9867.8944361
12	KORADI (Unit 6)	71.196709	3.703	2636.4141343	2834.4690258	5470.8831601	660.7300987	2173.7389271	4810.1530614
13	KORADI (Unit- 8,9 & 10)	563.431486	3.378	19032.7155971	17825.5767292	36858.2923263	7288.9234892	10536.6532400	29569.3688371
14	GTPS URAN (Unit 5 -10)	137.228378	5.232	7179.7887370	2053.6608050	9233.4495420	0.0000000	2053.6608050	9233.4495420
	TOTAL THERMAL	4338.395170		183297.8847823	92200.7791358	275498.6639181	10990.2032854	81210.5758504	264508.4606327
	ENERGY BILL FOR SUPPLY OF ENERGY FROM MAHAGENCO's THERMAL & GAS POWER STATIONS TO MAHAVITARAN FOR THE MONTH OF September 2026								264508.4606327

Bill amount in words Rs. Two Thousand Six Hundred Forty Five Crores Eight Lakhs Forty Six Thousand Sixty Three and Twenty Seven Paise Only (E & OE)

Chief Engineer,
Regulatory & Commercial Dept.

MAHARASHTRA STATE POWER GENERATION CO. LTD.

PH: 26472211, 26472131
FAX:91-22-26580643
Email: rcgen@mahagenco.in

Regulatory & Commercial Dept.
Prakashgad, 3rd Floor,
Bandra (E) Mumbai 400 051

Calculation for Cummulative AVF Based AFC Disallowance upto September 2026

Month : Sep-26

Season : Low Demand Season

Month no. in the season: 4

SR. NO.	POWER STATION	Approved Annual Fixed Charge for target AVF (Rs.in Lakhs)	AFC upto First month of high deemand season for target AVF (Rs.in Lakhs)	Normative Availability (%)	Ceiling for peak period recovery during the season	Ceiling for off-peak period recovery during the season	Actual peak period Cummulative AVF upto September 2026 (%)	Actual off-peak period Cummulative AVF upto September 2026 (%)	Capacity Charge for Peak Hours of the Month	Capacity Charge for Off-Peak Hours of the Month	Recoverable Capacity charge as per actual availability factor	Fixed charge disallowance to be passed on	AFC Disallowance adjusted up to last month (Rs. Lakhs.)	Additional AFC disallowance adjustment to be done in the bill for the month of September 2026(Rs. Lakhs.)
aa	bb	cc	dd	ee	ff	gg	hh	ii	jj	kk	ll = jj + kk	mm = dd - ll	nn	oo = mm - nn
1	BHUSAWAL (Unit 3)	19025.0644000	6341.6881333	85.000%	1268.3376267	5073.3505067	82.882%	83.982%	1236.7336373	5012.5896735	6249.32331	92.3648224	314.70751	-222.3426909
2	BHUSAWAL (Unit 4-5)	91131.7793600	30377.2597867	85.000%	6075.4519573	24301.8078293	70.858%	71.015%	5064.6397034	20303.4456824	25368.08539	5009.1744009	4254.93676	754.2376450
3	BHUSAWAL (Unit 6)	131713.0000000	43904.3333333	85.000%	8780.8666667	35123.4666667	75.920%	78.188%	7842.8634980	32308.6307263	40151.49422	3752.8391090	1237.86977	2514.9693437
4	KHAPARKHEDA (Unit 1- 4)	81594.8427600	27198.2809200	85.000%	5439.6561840	21758.6247360	58.465%	58.705%	3741.5235153	15027.5301780	18769.05369	8429.2272268	7537.47645	891.7507783
5	KHAPARKHEDA U # 5	60878.8084100	20292.9361367	85.000%	4058.5872273	16234.3489093	86.824%	85.213%	4058.5872273	16234.3489093	20292.93614	0.0000000	0.20481	-0.2048067
6	NASHIK (Unit 3-5)	48941.3535800	16313.7845267	85.000%	3262.7569053	13051.0276213	84.415%	85.219%	3240.3014607	13051.0276213	16291.32908	22.4554446	398.63133	-376.1758879
7	CHANDRAPUR (Unit 3-7)	151694.8579200	50564.9526400	80.000%	10112.9905280	40451.9621120	58.845%	60.025%	7438.7365953	30351.6128222	37790.34942	12774.6032226	13579.87943	-805.2762095
8	CHANDRAPUR (Unit- 8 & 9)	117863.6578800	39287.8859600	85.000%	7857.5771920	31430.3087680	79.693%	80.120%	7366.9870490	29625.8392764	36992.82633	2295.0596347	2391.96384	-96.9042032
9	PARAS (Unit 3- 4)	57282.1300200	19094.0433400	85.000%	3818.8086680	15275.2346720	75.355%	75.800%	3385.4862021	13621.9151546	17007.40136	2086.6419834	1668.77336	417.8686197
10	PARALI (UNIT 6-7)	57836.5480700	19278.8493567	85.000%	3855.7698713	15423.0794853	73.914%	75.602%	3352.8867561	13717.8312382	17070.71799	2208.1313623	1782.47931	425.6520505
11	PARALI (UNIT 8)	41760.8802800	13920.2934267	85.000%	2784.0586853	11136.2347413	84.360%	85.118%	2763.0963611	11136.2347413	13899.33110	20.9623243	483.98727	-463.0249415
12	KORADI (Unit 6)	29827.8196300	9942.6065433	75.000%	1988.5213087	7954.0852347	65.288%	69.059%	1731.0210560	7324.0156296	9055.03669	887.5698577	226.83976	660.7300987
13	KORADI (Unit- 8, 9 & 10)	228486.9355700	76162.3118567	85.000%	15232.4623713	60929.8494853	62.471%	62.646%	11195.1430212	44906.0158924	56101.15891	20061.1529431	12772.22945	7288.9234892
14	GTPS URAN (Unit 5 -10)	24497.9328700	8165.9776233	40.890%	1633.1955247	6532.7820987	56.873%	60.593%	1633.1955247	6532.7820987	8165.97762	0.0000000	0.00000	0.0000000
	TOTAL THERMAL	**1142535.6107500**	**380845.2035834**		**76169.0407167**	**304676.1628667**			**64051.2016075**	**259153.8196442**	**323205.0212516**	**57640.1823318**	**46649.9790464**	**10990.2032854**
	Rs. One Hundred Nine Crores Ninety Lakhs Twenty Thousand Three Hundred Twenty Eight and Fifty Four Paise Only (E & OE)													**10990.2032854**

Chief Engineer,
Regulatory & Commercial Dept.

PH: 26472211, 26472131
FAX:91-22-26580643
Email: rcgen@mahagenco.in

Regulatory & Commercial Dept.
Prakashgad, 3rd Floor,
Bandra (E) Mumbai 400 051

Bill No. 71/2026 | **Bill Date: 01-10-2026** | **Due date: 14-11-2026**

Energy Bill of MAHAGENCO for the Month of Sep-2026 [From 01-09-2026 (00.00 Hrs) to 30-09-2026 (24:00 Hrs)]

ENERGY BILL FOR LARGE HYDRO POWER STATIONS

I. ENERGY BILL FOR HIGH CAPACITY HYDRO POWER STATIONS

Sr. No.	POWER STATION	UNITS SENT OUT (MU)	ENERGY RATE (Rs/ kWh)	Energy Charge (Rs. Lakhs)	NAPAF (as per MERC)	Approved Monthly Fixed Charges as per NAPAF (Rs. In Lakhs)	Actual PAFM for the month	*Incentive for the month as per actual PAFM	BILL AMOUNT (Rs. Lakhs)
a	b	c	d	e = (c*d)*10	f	g	h	i	j=e+g+i
				KOYNA HPS					
1	KGSC Stage I & II	112.471225	0.784	881.774404	89.65	626.048975	96.89	50.551025	**1558.374404**
2	KGSC Stage III	75.366140	0.784	590.870538	89.65	333.892787	55.00	-129.050587	**795.712738**
3	KGSC Stage IV	218.533400	0.784	1713.301856	89.65	1043.414959	100.00	120.461181	**2877.177996**
4	KDPH	10.353440	0.784	81.170970	89.65	37.562939	100.00	4.336602	**123.070510**
5	**Total KGSC**	**416.724205**		**3267.117767**		**2040.919659**		**46.298221**	**5354.335647**
				BHIRA TR HPS					
6	Bhira HPS U # 1 & 2	12.738246	1.116	142.158825	90.00	64.629977	100.51	**7.544063**	**214.332865**
7	**Bhira Total**	**12.738246**		**142.158825**		**64.629977**	**100.51**	**7.544063**	**214.33287**
				TILLARI HPS					
8	Tillari HPS U # 1	3.768380	1.298	48.913572	90.00	113.335684	100.00	**12.592856**	**174.842112**
9	**Tillari Total**	**3.768380**		**48.913572**		**113.335684**	**100.00**	**12.592856**	**174.84211**
10	**Total for High Capacity Hydro P.S.**	**433.230831**		**3458.190165**		**2218.88532**		**66.43514**	**5743.51062**

II. ENERGY BILL FOR OTHER LARGE HYDRO POWER STATIONS

Sr. No.	POWER STATION	UNITS SENT OUT (MU)	ENERGY RATE (Rs/ kWh)	Energy Charge (Rs. Lakhs)		Approved Monthly Fixed Charges (Rs. In Lakhs)		BILL AMOUNT (Rs. Lakhs)
11	**Vaitarna**	**1.034785**	0.00000	0.00000		295.22706		**295.22706**
12	**Ghatghar PSS**	**19.804570**	0.00000	0.00000		1998.53961		**1998.53961**
13	**Total Mahagenco's Hydro (Including Ghatghar PSS)**	**454.070186**						**8037.27729**

III. BILLSUMMARY

14	**TOTAL ENERGY BILL AMOUNT IN RS. CR. FOR MSPGCL'S LARGE HYDRO STATIONS FOR THE MONTH OF**	**September-2026**	**80.3727729**

#NAME?

**Capacity Charges, Energy Charges & incentive for Koyna, Bhira TR and Tillari are separately indicated as per Clause No. 10.2.2 of MERC MYT Order in Case no. 187 of 2024*

Chief Engineer
(Regulatory & Commercial Dept.)

PH: 26472211, 26472131
FAX:91-22-26580643
Email: rcgen@mahagenco.in

Regulatory & Commercial Dept.
Prakashgad, 3rd Floor,
Bandra (E) Mumbai 400 051

Bill No.	072/2026	Bill Date:	01-10-2026	Due Date:	14-11-2026

Energy Bill of MAHAGENCO for the Month of Sep-2026 [From 01-09-2026 (00.00 Hrs) to 30-09-2026 (24:00 Hrs)]

ENERGY BILL FOR SMALL HYDRO POWER STATIONS

Sr.No.	NAME OF H. P. S.	Capacity (No. of Units X MW)	Net energy exported in MUs	Fix charges in Rs. Lakh
	YELDARI DIVISION			
1	Yeldari	3 X 7.5	-0.010836	118.08750
2	Paithan	1 X 12	-0.005284	61.39460
	VAITARNA DIVISION			
4	Vaitarna Dam Toe	1 X 1.5	0.013840	7.38068
5	Bhatsa	1 X 15	8.409428	91.20899
6	Surya	1 X 6	-0.005281	79.13849
	BHATGHAR DIVISION			
8	Bhatghar	1X 16	2.120808	120.28915
9	Kanher	1 X 4	0.992038	46.53440
10	Dhom	2 X 1	0.808590	-49.42532
11	Ujjani	1 X 12	-0.016190	180.10325
12	Warana	2 X 8	6.072240	163.71399
	PANSHET DIVISION			
13	Panshet	1 X 8	3.895456	83.51254
14	Varasgaon	1 X 8	4.367035	51.40304
15	Pawana	1 X 10	1.600375	70.57409
16	Manikdoh	1 X 6	-0.011085	77.02449
17	Dimbhe	1 X 5	0.629498	77.44905
	TILLARI DIVISION			
18	Dudhganga	2 X 12	6.017935	168.99181
19	Terwanmedhe	1 X 0.2	0.007020	8.00020
20	Radhanagari	4 X 1.2	0.000000	0.00000
	TOTAL SMALL HYDRO			
	TOTAL		**34.8855870**	**1355.38095**

III. BILL SUMMARY

21	**TOTAL ENERGY BILL IN RS CRORE AMOUNT FOR MAHAGENCO'S SMALL HYDRO STATIONS FOR THE MONTH OF**	**Sep-26**	**13.5538095**

#NAME?

Chief Engineer (RCD)

MAHARASHTRA STATE POWER GENERATION CO. LTD.

PH: 26472211, 26472131
FAX:91-22-26580643
Email: rcgen@mahagenco.in

Regulatory & Commercial Dept.
Prakashgad, 3rd Floor,
Bandra (E) Mumbai 400 051

Bill No	79/2026	Date:	06-10-2026	Due date:	19-11-2026

Provisional Part-I Fuel Surcharge Adjustment bill for the Month of September-2026

THERMAL & GAS STATIONS

SR. NO.	POWER STATION	ECR Considered for Monthly Energy Bill (Rs/Kwh)	Calculated VC without FGD (Rs/Kwh)	Calculated VC with FGD (Rs/Kwh)	Adjustment of FSA Rate (Rs./kWh)	Net Generation sent out (MU's)	FAC-I (Rs. Lakh)
		(a)	(b)		(c) =(b –a)	(d)	(e) = d X c X 10
1	BHUSAWAL (Unit 3)	5.329	5.164		-0.165	72.657469	-119.8848239
2	BHUSAWAL (Unit 4-5)	4.404	4.239		-0.165	445.504863	-735.0830240
3	BHUSAWAL (Unit 6)	3.668	3.664		-0.004	272.407095	-10.8962838
4	KHAPARKHEDA (Unit 1- 4)	3.840	3.326	3.333	-0.507	327.971892	-1662.8174924
5	KHAPARKHEDA (Unit 5)	3.428	2.781		-0.647	278.169318	-1799.7554875
6	NASHIK (Unit 3-5)	5.401	6.123		0.722	233.398411	1685.1365274
7	CHANDRAPUR (Unit 3-7)	4.658	3.872		-0.786	819.784122	-6443.5031989
8	CHANDRAPUR (Unit- 8 & 9)	3.617	3.540		-0.077	551.286810	-424.4908437
9	PARAS (Unit 3- 4)	4.202	4.080		-0.122	226.042558	-275.7719207
10	PARLI (UNIT 6-7)	5.530	4.238		-1.292	223.575663	-2888.5975659
11	PARLI (UNIT 8)	5.393	4.300		-1.093	115.740396	-1265.0425283
12	KORADI (Unit 6)	3.703	3.562	3.578	-0.125	71.196709	-88.9958863
13	KORADI (Unit-8,9 & 10)	3.378	3.012		-0.366	563.431486	-2062.1592388
14	URAN GTPS (Combine cycle)	5.232	6.422		1.190	91.553750	1089.4896250
15	URAN GTPS (Open cycle)	5.232	8.956		3.724	45.674628	1700.9231467
	TOTAL MSPGCL FAC BILL					**4338.395170**	**-13301.4489951**

#NAME?

Chief Engineer,
Regulatory & Commercial Dept.

F10 - ECR calculation for Septembe

S. No.	Particulars	Units	Bhusawal	Bhusawal	Bhusawal 4 & 5	Bhusawal 4 & 5	Bhusawal 6	Bhusawal 6	Khaperkheda 1 TO 4	Khaperkheda 1 TO 4	Khaperkheda -5	Khaperkheda - 5
			84.29		489.46		298.41		375.14		305.14	
1	**Operational parameters**		Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative
1.1	Total Capacity	MW	210	210	1000	1000	660	660	840.00	840.00	500.00	500.00
1.2	Availability	%	75.48%	75.48%	75.14%	75.14%	65.31%	65.31%	61.92%	61.92%	85.35%	85.35%
1.3	PLF	%	53.95%	53.95%	65.79%	65.79%	60.77%	60.77%	60.03%	60.03%	82.03%	82.03%
1.40	Gross Generation	MU	81.780	81.780	475.370	475.37	293.555	293.555	374.21	374.21	295.42	295.42
1.50	Auxiliary Consumption excluding FGD	%	13.37%	10.96%	7.28%	6.00%	7.56%	5.75%	12.79%	9.70%	6.57%	6.00%
1.60	Auxiliary Consumption excluding FGD	MU	10.93	8.96	34.61	28.52	22.19	16.88	47.86	36.30	19.40	17.73
1.70	Auxiliary Consumption for FGD	%	0.00%		0.00%		0.00%		0.02%	0.20%	0.00%	
1.80	Auxiliary Consumption for FGD	MU	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.00	0.00
1.90	Total Auxiliary Consumption	%	13.37%	10.96%	7.28%	6.00%	7.56%	5.75%	12.81%	9.90%	6.57%	6.00%
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU	10.93	8.96	34.61	28.52	22.19	16.88	47.93	36.36	19.40	17.73
1.11	Net Generation (= 1.4 - 1.10)	MU	70.85	72.82	440.76	446.85	271.36	276.68	326.28	337.85	276.02	277.70
1.12	Heat Rate	kcal/kWh	2844.96	2787.00	2436.52	2375.00	2272.98	2139.05	2852.31	2630.00	2488.79	2375.00
1.13	Secondary Fuel Oil Consumption	ml/kWh	3.48	1.40	0.94	0.50	2.13	0.50	7.77	1.20	1.61	0.50
1.14	Transit Loss for Domestic Coal	%	0.000%	0.800%	1.018%	0.800%	1.058%	0.800%	0.666%	0.800%	0.724%	0.800%
1.15	Transit Loss for washed Coal	%	0%						0.33%	80%	0.36%	
	SHR coal+Bio Pallet component		2811.46	2773.54	2427.47	2370.19	2252.53	2134.24	2777.90	2618.51	2473.42	2370.21
2	**Fuel parameters (for each primary and secondary fuel)**											
2.1	**Calorific Value**											
2.1.1	Domestic Coal (As Billed)	kcal/kg	3755.00	3755	3793	3793	3805.00	3805	3743	3743	3743	3743
2.1.2	Imported Coal (As Billed)	kcal/kg	0.00	0	0	0	0.00	0	4709	4709	4709	4709
2.1.3	Wash Coal (As Billed)	kcal/kg	0.00	0.00	3307.00	3307.00	0.00	0.00	4104.00	4104.00	4104.00	4104.00
	Domestic Coal (As Received)- Actual	kcal/kg	3005.00	3005.00	3043.00	3043.00	3049.00	3049.00	2943.00	2943.00	2943.00	2943.00
	GCV loss between loading end and unloading end-- Domestic Actual	kcal/kg	750.00	750.00	750.00	750.00	756.00	756.00	800.00	800.00	800.00	800.00
	GCV loss between loading end and unloading end as per MERC MYT Regulations 2024.	kcal/kg	750.00	750.00	750.00	750.00	750.00	750.00	750.00	750.00	750.00	750.00
	Minimum of GCV loss of Actual Vs Approved	kcal/kg	750.00	750.00	750.00	750.00	750.00	750.00	750.00	750.00	750.00	750.00
	Domestic coal As received GCV for FAC computation	kcal/kg	3005.00	3005.00	3043.00	3043.00	3055.00	3055.00	2993.00	2993.00	2993.00	2993.00
	Wash Coal (As Received)	kcal/kg	0.00	0.00	2988.00	2988.00	0.00	0.00	2943.00	2943.00	2943.00	2943.00
	GCV loss between loading end and unloading end-- Wash Coal Actual	kcal/kg	0.00	0.00	319.00	319.00	0.00	0.00	1161.00	1161.00	1161.00	1161.00
	GCV loss between loading end and unloading end for Wash Coal as per Case No. 296 of 2019 (Min. of Actual or 300)	kcal/kg	0.00	0.00	300.00	300.00	0.00	0.00	300.00	300.00	300.00	300.00
	Wash coal As received GCV for FAC computation	kcal/kg	0.00	0.00	3007.00	3007.00	0.00	0.00	3804.00	3804.00	3804.00	3804.00
2.1.4	Imported Coal (As Received)	kcal/kg	0	0	0	0	0	0	4709	4709	4709	4709
	Weighted avg. received GCV Raw coal + Washed coal - Actual		3005.00	3005.00	3041.59	3041.59	3049.00	3049.00	2943.00	2943.00	2943.00	2943.00
	Weighted avg. received GCV Imported Coal; - Actual		0.00	0.00	0.00	0.00	0.00	0.00	4709.00	4709.00	4709.00	4709.00
	Weighted Avg Raw & Wash Coal for FAC Computations	kcal/kg	3005.00	3005.00	3042.08	3042.08	3055.00	3055.00	3052.69	3052.69	3098.06	3098.06
	Weighted Avg Imported Coal for FAC Computations		0.00	0.00	0.00	0.00	0.00	0.00	4709.00	4709.00	4709.00	4709.00
2.1.5	L.D.O	kcal/kg	10658.00	10658.00	10658.00	10658.00	10658.00	10658.00	10772.00	10772.00	10772.00	10772.00
2.1.6	F.O	kcal/kg	10442.00	10442.00	10442.00	10442.00	10442.00	10442.00	10365.00	10365.00	10365.00	10365.00
2.1.7	Biomass Pallets (As Received)	kcal/kg	0.00	0.00	0.00	0.00	0.00	0.00				
	Calorific Value after stacking loss											
	Domestic + Washed Coal (As Fired)-- Actual	kcal/kg	2938	2938.00	2957.00	2957.00	2964	2964.00	2822.00	2822.00	2869.00	2869.00
	Imported Coal	kcal/kg	0	0.00	0.00	0.00	0	0.00	4624.00	4624.00	4624.00	4624.00
	Biomass Pallets	kcal/kg	0.00		0.00		0.00			2908.00		
2.2	**Stacking Loss**											
2.2.1	Stacking Loss Approved	kcal/kg	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
	Stacking Loss Domestic + Washed Coal (As Fired)--**Actual**	kcal/kg	67.00	67.00	84.59	84.59	85.00	85.00	121.00	121.00	74.00	74.00
	stacking loss to be considered as per MERC Regulations - raw coal + Washed coal	kcal/kg	85.00	67.00	85.00	84.59	85.00	85.00	85.00	85.00		74.00
	Stacking Loss Imported Coal **Actual**	kcal/kg	0.00	0.00	0.00	0.00	0.00	0.00	85.00	85.00	85.00	85.00
	stacking loss to be considered as per MERC Regulations - Imported coal	kcal/kg	85.00	0.00	85.00	0.00	85.00	0.00	85.00	85.00		85.00
2.3	**Calorific Value after stacking loss**	kcal/kg	2,938.00	2938.00	2,957.00	2957.49	2,964.00	2970.00	2833.91	2979.20	2873.14	3028.04
2.3.1	Raw Coal + Washed coal (As Fired)- to be considered for energy charge computation	kcal/kg	2938	2938.00	2957	2957.49	2964	2970.00	2822	2967.69	2869	3024.06
2.3.2	Imported Coal (As Fired)- to be considered for energy charge computation	kcal/kg	0	0.00	0	0.00	0	0.00	4624	4624.00	4624	4624.00
	Biomass Pallets	kcal/kg	0.00	0.00	0.00	0.00	0.00	0.00				
2.4	**Landed Fuel Price per unit**											
2.4.1	Domestic Coal	Rs./MT	4701.42	4777.66	4738.62	4908.28	4682.76	4751.90	2972.65	3106.95	2908.69	3042.47
2.4.2	Imported Coal	Rs./MT	0.00	0.00	0.00	0.00	0.00	0.00	14463.86	14574.19	14392.62	14502.94
	Wash Coal	Rs./MT	0.00	0.00	4991.44	5163.13	0.00	0.00	4699.05	4832.84	4669.84	4805.27
	Weighted AVG price		4701.42	4777.66	4745.09	4914.81	4682.76	4751.90	3174.81	3312.76	3163.39	3298.76
2.4.3	L.D.O	Rs./KL	72478.31	72478.31	107839.11	107839.11	103798.55	103798.55	103802.08	103802.08	76798.73	76798.73
2.4.4	F.O	Rs./KL	58281.22	58281.22	67246.38	67246.38	67181.70	67181.70	75899.71	75899.71	62344.66	62344.66
	Wtd. Avg. Oil price	Rs./KL	62316.18	62316.18	90804.66	90804.66	77498.12	77498.12	76484.96	76484.96	63408.31	63408.31
	Biomass Pallets	Rs./MT	0.00	0.00	0.00	0.00	0.00	0.00				
3	**Fuel Consumption and Heat Contribution (for each fuel separately)**											
3.1	Specific Fuel Consumption		0.96	0.94	0.82	0.80	0.76	0.72	0.98	0.88	0.86	0.78
3.1.1	Domestic Coal	kg/kWh	0.96	0.94	0.80	0.78	0.76	0.72	0.90	0.81	0.75	0.68
3.1.2	Imported Coal	kg/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
	Wash Coal	kg/kWh	0.00	0.00	0.02	0.02	0.00	0.00	0.07	0.06	0.11	0.10
3.1.3	L.D.O	ml/kWh	0.99	0.40	0.55	0.29	0.60	0.14	0.16	0.03	0.12	0.04
3.1.4	F.O	ml/kWh	2.49	1.00	0.40	0.21	1.53	0.36	7.61	1.17	1.49	0.46
	Biomass Pallets	kg/kWh	0.00	0.00	0.0000	0.0000	0.0000	0.0000				
3.2	Total Fuel Consumption											
3.2.1	Domestic Coal	MT	78263.00	77204.43	380279.00	371229.67	223102.00	210951.44	337487.76	302566.95	220844.64	200783.34
3.2.2	Imported Coal	MT	0.00	0.00	0.00	0.00	0.00	0.00	2423.05	2284.48	600.00	574.98
	Wash Coal	MT	0.00	0.00	10000.00	9762.03	0.00	0.00	26814.99	24040.37	32867.34	29881.71
3.2.3	L.D.O	KL	81.00	32.54	260.00	137.94	176.00	41.35	61.00	9.42	34.90	10.87
3.2.4	F.O	KL	204.00	81.95	188.00	99.74	448.69	105.42	2847.25	439.63	439.36	136.84
	Biomass Pallets	MT	0.00	0.00	0.00	0.00	0.00	0.00				
3.3	Coal + Bio Pallets Heat content			226826.62		1126777.95		626525.79		979834.26		700204.04
3.3.1	Domestic Coal	Million kcal	229936.69	226826.62	1124485.00	1097906.86	661274.33	626525.79	952390.46	897926.34	633603.27	607181.22
3.3.2	Imported Coal	Million kcal	0.00	0	0.00	0	0.00	0	11204.18	10563.45232	2774.40	2658.704034
	Wash Coal	Million kcal	0.00	0.00	29570.00	28871.09	0.00	0.00	75671.90	71344.47	94296.40	90364.12
3.3.3	L.D.O	Million kcal	736.39	295.83	2363.73	1254.07	1600.06	375.95	560.50	86.54	320.68	99.88
3.3.4	**F.O**	**Million kcal**	1987.45	798.41	1831.57	971.73	4371.31	1027.09	27534.46	4251.49	4248.85	1323.33
	Total Heat content	Million kcal	232660.53	227920.86	1158250.30	1129003.75	667245.70	627928.82	1067361.50	984172.30	735243.60	701627.25
	Biomass Pallets		0.00	0.00	0.00	0.00	0.00	0.00				
4	Total Fuel Cost											
4.1	Domestic Coal	Rs. Crore	36.79471	36.88569	180.1996470	182.2098	104.47	100.2420428	100.32	94.01	64.24	61.09
4.2	Imported Coal	Rs. Crore	0.00000	0.00000	-	0.0000	0.00	0.0000000	3.50	3.33	0.86	0.83
	Wash Coal	Rs. Crore	0.00000	0.00000	4.9914350	5.0403	0.00	0.0000000	12.60	11.62	15.35	14.36
4.3	L.D.O	Rs. Crore	0.58707	0.23584	2.8038169	1.4876	1.83	0.4292387	0.63	0.10	0.27	0.08
4.4	F.O	Rs. Crore	1.18894	0.47763	1.2642320	0.6707	3.01	0.7082593	21.61	3.34	2.74	0.85
	Total Fuel Cost	**Rs. Crore**	**38.57072**	**37.59916**	**189.2591310**	**189.4083232**	**109.3145708**	**101.3795409**	**138.67231**	**112.39**	**83.45609**	**77.21719**
	Biomass Pallets	**Rs. Crore**	0.00000	0.00000	0.00000	0.0000	0.00000	0.00000				
5	Other Charges and Adjustments											
5.1	Other Charges (TL Actual loading)	Rs. Crore	0.00		1.79		1.05		0.65		0.50	
5.2	**Other Adjustments (OVC)**	**Rs. Crore**	0.30		5.13		0.70		4.05		2.81	
	Total Other Charges and Adjustments	Rs. Crore	0.30		6.92		1.75		4.69		3.31	
6	Total Cost (= 4 + 5)	Rs. Crore	38.8707191	37.5991616	196.1806344	189.4083232	111.0681468	101.3795409	143.37	112.39	86.76	77.22
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh	4.75	4.60	4.13	3.98	3.78	3.45	3.83	3.00	2.94	2.61
8	**Energy Charge (= 6/(1.4-1.6))**	**Rs./kWh**	**5.4865**	**5.1635**	**4.4509**	**4.2388**	**4.0930**	**3.6642**	**4.3931**	**3.3260**	**3.1433**	**2.7806**
9	**FGD Cost**									14.12		18.18
9.1	FGD Reagent (Limestone/Sodium Bicarbonate) Consumption	MT	-		-		-		46.87	46.87	-	-
9.2	FGD Reagent (Limestone/Sodium Bicarbonate) Rate	Rs/MT	-		-		-		46,466.40	46,466.40	-	-
9.3	FGD Reagent (Limestone/Sodium Bicarbonate) Cost	Rs. Crore	-		-		-		0.22	0.22	-	-
10	Total Cost (6+9)	Rs. Crore	38.87	37.60	196.18	189.41	111.07	101.38	143.58	112.61	86.76	77.22
11	Cost of Generation (at Generation Terminal) (= 10/1.4)	Rs./kWh	4.753083769	4.597598633	4.126903978	3.984439978	3.783554931	3.453510957	3.84	3.01	2.94	2.61
12	**Energy Charge (= 6/1.11)**	**Rs./kWh**	**5.4865**	**5.1635**	**4.4509**	**4.239**	**4.0930**	**3.6642**	**4.4006**	**3.3331**	**3.1433**	**2.7806**

S. No.	Particulars	Units	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
			277.64		926.97		604.63		257.35		254.57	
1	**Operational parameters**		Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative
1.1	Total Capacity	MW	630.00	630.00	1920	1920	1000	1000	500	500	500	500
1.2	Availability	%	78.43%	78.43%	70.94%	70.94%	85.95%	85.95%	75.07%	75.07%	76.70%	76.70%
1.3	PLF	%	59.23%	59.23%	64.89%	64.89%	81.27%	81.27%	69.18%	69.18%	68.43%	68.43%
1.40	Gross Generation	MU	268.69	268.69	912.10	912.10	588.02	588.02	253.88	253.88	255.24	255.24
1.50	Auxiliary Consumption excluding FGD	%	12.86%	10.75%	9.93%	8.67%	6.14%	6.00%	11.64%	9.30%	12.23%	9.30%
1.60	Auxiliary Consumption excluding FGD	MU	34.5527	28.88	90.57	79.08	36.08	35.28	29.55	23.61	31.21	23.74
1.70	Auxiliary Consumption for FGD	%	0.00%		0.00%		0.00%		0.00%		0.00%	
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
1.90	Total Auxiliary Consumption	%	12.86%	10.75%	9.93%	8.67%	6.14%	6.00%	11.64%	9.30%	12.23%	9.30%
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU	34.55	28.88	90.57	79.08	36.08	35.28	29.550000	23.61	31.21	23.74
1.11	Net Generation (= 1.4 - 1.10)	MU	234.132296	239.80	821.53	833.02	551.94	552.74	224.330000	230.27	224.03	231.50
1.12	Heat Rate	kcal/kWh	2865.43	2754.00	2697.47	2688.00	2411.55	2375.00	2624.46	2415.00	2460.00	2415.00
1.13	Secondary Fuel Oil Consumption	ml/kWh	1.92	1.00	2.01	1.00	0.24	0.50	3.15	0.50	1.97	0.50
1.14	Transit Loss for Domestic Coal	%	1.727%	0.800%	-0.565%	0.800%	-0.832%	0.800%	3.188%	0.800%	1.425%	0.800%
1.15	Transit Loss for washed Coal	%			0%		0.00%	0.00%			0%	
	SHR coal+Bio Pallet component		2847.28	2744.55	2678.38	2678.52	2409.30	2370.26	2594.05	2410.17	2441.36	2410.27
2	**Fuel parameters (for each primary and secondary fuel)**											
2.1	**Calorific Value**											
2.1.1	Domestic Coal (As Billed)	kcal/kg	3677	3677	3989	3989	4024	4024	3847.00	3847.00	3767	3767
2.1.2	Imported Coal (As Billed)	kcal/kg	4631	4631	4671	4671	4672	4672	0	0	0	0
2.1.3	Wash Coal (As Billed)	kcal/kg	0.00	0.00	3830	3830.00	3868.00	3868.00	0.00	0.00	0.00	0.00
	Domestic Coal (As Received)- Actual	kcal/kg	2927.00	2927.00	3242.00	3242.00	3284.00	3284.00	3104.00	3104.00	3093.00	3093.00
	GCV loss between loading end and unloading end-- Domestic Actual	kcal/kg	750.00	750.00	747.00	747.00	740.00	740.00	743.00	743.00	674.00	674.00
	GCV loss between loading end and unloading end as per MERC MYT Regulations 2024.	kcal/kg	750.00	750.00	750.00	750.00	750.00	750.00	750.00	750.00	750.00	750.00
	Minimum of GCV loss of Actual Vs Approved	kcal/kg	750.00	750.00	747.00	747.00	740.00	740.00	743.00	743.00	674.00	674.00
	Domestic coal As received GCV for FAC computation	kcal/kg	2927.00	2927.00	3242.00	3242.00	3284.00	3284.00	3104.00	3104.00	3093.00	3093.00
	Wash Coal (As Received)	kcal/kg	0.00	0.00	2259.00	2259.00	2543.00	2543.00	0.00	0.00	0.00	0.00
	GCV loss between loading end and unloading end-- Wash Coal Actual	kcal/kg	0.00	0.00	1571.00	1571.00	1325.00	1325.00	0.00	0.00	0.00	0.00
	GCV loss between loading end and unloading end for Wash Coal as per Case No. 296 of 2019 (Min. of Actual or 300)	kcal/kg	0.00	0.00	300.00	300.00	300.00	300.00	0.00	0.00	0.00	0.00
	Wash coal As received GCV for FAC computation	kcal/kg	0.00	0.00	3530.00	3530.00	3568.00	3568.00	0.00	0.00	0.00	0.00
2.1.4	Imported Coal (As Received)	kcal/kg	4631	4631	4671	4671	4672	4672	0	0	0	0
	Weighted avg. received GCV Raw coal + Washed coal - Actual		2927.00	2927.00	3208.37	3208.37	3281.22	3281.22	3104.00	3104.00	3093.00	3093.00
	Weighted avg. received GCV Imported Coal; - Actual		4631.00	4631.00	4671.00	4671.00	4672.00	4672.00	0.00	0.00	0.00	0.00
	Weighted Avg Raw & Wash Coal for FAC Computations	kcal/kg	2927.00	2927.00	3251.85	3251.85	3285.06	3285.06	3104.00	3104.00	3093.00	3093.00
	Weighted Avg Imported Coal for FAC Computations		4631.00	4631.00	4671.00	4671.00	4672.00	4672.00	0.00	0.00	0.00	0.00
2.1.5	L.D.O	kcal/kg	10720.00	10720.00	10698.00	10698.00	10698.00	10698.00	10481.00	10481.00	10421.00	10421.00
2.1.6	F.O	kcal/kg	10214.00	10214.00	10257.00	10257.00	10257.00	10257.00	10555.00	10555.00	10296.00	10296.00
2.1.7	Biomass Pallets (As Received)	kcal/kg										
	Calorific Value after stacking loss											
	Domestic + Washed Coal (As Fired)-- Actual	kcal/kg	2842.00	2842.00	3124.00	3124.00	3197.00	3197.00	3019.00	3019.00	3090.00	3090.00
	Imported Coal	kcal/kg	4546.00	4546.00	4586.00	4586.00	4587.00	4587.00	0.00	0.00	0.00	0.00
	Biomass Pallets	kcal/kg										
2.2	**Stacking Loss**											
2.2.1	Stacking Loss Approved	kcal/kg	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
	Stacking Loss Domestic + Washed Coal (As Fired)--**Actual**	kcal/kg	85.00	85.00	84.37	84.37	84.22	84.22	85.00	85.00	3.00	3.00
	stacking loss to be considered as per MERC Regulations - raw coal + Washed coal	kcal/kg	85.00	85.00	85.00	84.37	85.00	84.22	85.00	85.00	85.00	3.00
	Stacking Loss Imported Coal **Actual**	kcal/kg	85.00	85.00	85.00	85.00	85.00	85.00	0.00	0.00	0.00	0.00
	stacking loss to be considered as per MERC Regulations - Imported coal	kcal/kg	85.00	85.00	85.00	85.00	85.00	85.00	85.00	0.00	85.00	0.00
2.3	**Calorific Value after stacking loss**	kcal/kg	3031.91	3031.91	3,145.46	3188.59	3280.36	3284.06	3,019.00	3019.00	3,090.00	3090.00
2.3.1	Raw Coal + Washed coal (As Fired)- to be considered for energy charge computation	kcal/kg	2842	2842.00	3124	3167.48	3197	3200.84	3019	3019.00	3090	3090.00
2.3.2	Imported Coal (As Fired)- to be considered for energy charge computation	kcal/kg	4546	4546.00	4586	4586.00	4587	4587.00	0	0.00	0	0.00
	Biomass Pallets	kcal/kg										
2.4	**Landed Fuel Price per unit**											
2.4.1	Domestic Coal	Rs./MT	4981.40	5021.57	3881	3941.91	3834.64	3895.26	4375.62	4594.75	4826.40	4885.88
2.4.2	Imported Coal	Rs./MT	13367.02	13367.02	14840	14869.23	14901.16	14930.86	0.00	0.00	0.00	0.00
	Wash Coal	Rs./MT	0.00	0.00	4507	4536.47	4603.70	4633.40	0.00	0.00	0.00	0.00
	Weighted AVG price		5915.97	5951.66	4062.86	4124.54	4501.01	4560.41	4375.62	4594.75	4826.40	4885.88
2.4.3	L.D.O	Rs./KL	87956.42	87956.42	83854	83853.97	83853.97	83853.97	74358.37	74358.37	84765.87	84765.87
2.4.4	F.O	Rs./KL	75246.14	75246.14	68,388.93	68388.93	68388.93	68388.93	64105.63	64105.63	65987.16	65987.16
	Wtd. Avg. Oil price	Rs./KL	77610.84	77610.84	71632.17	71632.17	72807.51	72807.51	65192.16	65192.16	66248.68	66248.68
	Biomass Pallets	Rs./MT										
3	**Fuel Consumption and Heat Contribution (for each fuel separately)**											
3.1	Specific Fuel Consumption		0.94	0.91	0.85	0.84	0.73	0.72	0.86	0.80	0.79	0.78
3.1.1	Domestic Coal	kg/kWh	0.83	0.80	0.81	0.80	0.69	0.68	0.86	0.80	0.79	0.78
3.1.2	Imported Coal	kg/kWh	0.10	0.10	0.01	0.01	0.04	0.04	0.00	0.00	0.00	0.00
	Wash Coal	kg/kWh	0.00	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00
3.1.3	L.D.O	ml/kWh	0.36	0.19	0.42	0.21	0.07	0.14	0.33	0.05	0.03	0.01
3.1.4	F.O	ml/kWh	1.56	0.81	1.59	0.79	0.17	0.36	2.81	0.45	1.94	0.49
	Biomass Pallets	kg/kWh										
3.2	Total Fuel Consumption											
3.2.1	Domestic Coal	MT	224201.00	216112.36	739083.00	728973.63	404460.00	397431.03	218122.00	202677.15	201637.80	199085.80
3.2.2	Imported Coal	MT	28121.00	27106.46	11400.00	11400.57	25900.00	25480.46	0.00	0.00	0.00	0.00
	Wash Coal	MT	0.00	0.00	26180.00	25821.90	1521.00	1494.57	0.00	0.00	0.00	0.00
3.2.3	L.D.O	KL	96.00	49.99	385.08	191.28	40.00	84.00	84.62	13.45	7.00	1.78
3.2.4	F.O	KL	420.00	218.70	1451.13	720.82	100.00	210.01	713.91	113.49	495.65	125.84
	Biomass Pallets	MT										
3.3	Coal + Bio Pallets Heat content			737417.28		2443083.88		1393775.96		611882.33		615175.11
3.3.1	Domestic Coal	Million kcal	637179.24	614191.31	2308895.29	2309010.48	1293058.62	1272113.21	658510.32	611882.33	623060.80	615175.11
3.3.2	Imported Coal	Million kcal	127838.07	123225.9693	52280.40	52283.00811	118803.30	116878.8828	0.00	0	0.00	0
	Wash Coal	Million kcal	0.00	0.00	81786.32	81790.40	4862.64	4783.87	0.00	0.00	0.00	0.00
3.3.3	L.D.O	Million kcal	877.84	457.10	3514.01	1745.51	365.02	766.56	756.56	120.27	62.22	15.80
3.3.4	**F.O**	**Million kcal**	4002.46	2084.11	13887.00	6898.09	956.98	2009.73	7030.45	1117.61	4761.30	1208.86
	Total Heat content	Million kcal	769897.61	739958.49	2460363.02	2451727.49	1418046.55	1396552.25	666297.33	613120.20	627884.32	616399.77
	Biomass Pallets											
4	Total Fuel Cost											
4.1	Domestic Coal	Rs. Crore	111.68	108.52	286.83	287.35	155.10	154.81	95.4419	93.1251	97.32	97.2708
4.2	Imported Coal	Rs. Crore	37.59	36.23	16.92	16.95	38.59	38.04	0.0000	0.0000	0.00	0.0000
	Wash Coal	Rs. Crore	0.00	0.00	11.80	11.71	0.70	0.69	0.0000	0.0000	0.00	0.0000
4.3	L.D.O	Rs. Crore	0.84	0.44	3.23	1.60	0.34	0.70	0.6293	0.1000	0.06	0.0151
4.4	F.O	Rs. Crore	3.16	1.65	9.92	4.93	0.68	1.44	4.5766	0.7275	3.27	0.8304
	Total Fuel Cost	**Rs. Crore**	**153.28**	**146.84**	**328.70**	**322.55**	**195.41**	**195.69**	**100.65**	**93.95**	**100.65**	**98.1163**
	Biomass Pallets	**Rs. Crore**										
5	Other Charges and Adjustments											
5.1	Other Charges (TL Actual loading)	Rs. Crore	1.78		-1.57		-1.27		3.19		1.36	
5.2	**Other Adjustments (OVC)**	**Rs. Crore**	0.00		2.31		1.28		4.01		0.41	
	Total Other Charges and Adjustments	Rs. Crore	1.78		0.73		0.02		7.20		1.78	
6	Total Cost (= 4 + 5)	Rs. Crore	155.06	146.84	329.43	322.55	195.42	195.69	107.85	93.95	102.42	98.12
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh	5.771	5.47	3.61	3.54	3.32	3.33	4.25	3.70	4.01	3.84
8	**Energy Charge (= 6/(1.4-1.6))**	**Rs./kWh**	**6.6227**	**6.1234**	**4.0100**	**3.8721**	**3.5407**	**3.5403**	**4.8075**	**4.0801**	**4.5719**	**4.2383**
9	**FGD Cost**											
9.1	FGD Reagent (Limestone/Sodium Bicarbonate) Consumption	MT	-		-		-		-		-	
9.2	FGD Reagent (Limestone/Sodium Bicarbonate) Rate	Rs/MT	-		-		-		-		-	
9.3	FGD Reagent (Limestone/Sodium Bicarbonate) Cost	Rs. Crore	-		-		-		-		-	
10	Total Cost (6+9)	Rs. Crore	155.06	146.84	329.43	322.55	195.42	195.69	107.8466463	93.95	102.42	98.12
11	Cost of Generation (at Generation Terminal) (= 10/1.4)	Rs./kWh	5.77	5.47	3.61	3.54	3.32	3.33	4.25	3.70	4.01	3.84
12	**Energy Charge (= 6/1.11)**	**Rs./kWh**	**6.6227**	**6.1234**	**4.0100**	**3.8721**	**3.5407**	**3.5403**	**4.8075**	**4.0801**	**4.5719**	**4.2383**

S. No.	Particulars	Units	Parli Unit 8	Parli Unit 8	Koradi 6	Koradi 6	Koradi Units 8, 9 & 10	Koradi Units 8, 9 & 10	URAN combined cycle	URAN	URAN Open cycle	URAN
			130.66		82.33				combined cycle		Open cycle	
1	**Operational parameters**		Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative
1.1	Total Capacity	MW	250	250	210	210	1980	1980	672	672	672	672
1.2	Availability	%	78.81%	78.81%	54.77%	54.77%	42.89%	42.89%	45%	44.79%	44.79%	44.79%
1.3	PLF	%	70.25%	70.25%	52.70%	52.70%	41.97%	41.97%	29%	29.27%	29.27%	29.27%
1.40	Gross Generation	MU	132.46	132.46	78.50	78.50	605.31	605.31	95.21	95.21	45.24	45.24
1.50	Auxiliary Consumption excluding FGD	%	11.87%	8.50%	12.74%	10.81%	7.32%	6.00%	3.87%	3.10%	0.73%	1.00%
1.60	Auxiliary Consumption excluding FGD	MU	15.72	11.26	10.00	8.49	44.28	36.32	3.69	2.95	0.33	0.45
1.70	Auxiliary Consumption for FGD	%	0.00%		0.04%	0.20%	0.00%					
1.80	Auxiliary Consumption for FGD	MU	0.00	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00
1.90	Total Auxiliary Consumption	%	11.87%	8.50%	12.78%	11.01%	7.32%	6.00%	3.87%	3.10%	0.73%	1.00%
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU	15.72	11.26	10.03	8.52	44.28	36.32	3.69	2.95	0.330	0.452
1.11	Net Generation (= 1.4 - 1.10)	MU	116.74	121.20	68.474	69.99	561.03	568.99	91.527756	92.26	44.91	44.790
1.12	Heat Rate	kcal/kWh	2445.61	2415.00	2732.63	2455.75	2422.65	2230.00	2201.36	2035.00	3267.51	2900.00
1.13	Secondary Fuel Oil Consumption	ml/kWh	0.78	0.50	13.12	2.81	1.03	0.50				
1.14	Transit Loss for Domestic Coal	%	1.292%	0.800%	0.765%	0.800%	-0.093%	0.800%				
1.15	Transit Loss for washed Coal	%	0.73%	0%			0%	0%				
	SHR coal+Bio Pallet component		2438.27	2410.27	2608.86	2429.23	2412.93	2225.28				
2	**Fuel parameters (for each primary and secondary fuel)**											
2.1	**Calorific Value**											
2.1.1	Domestic Coal (As Billed)	kcal/kg	3762	3762.00	3695.00	3695.00	3778.00	3778.00	8716	8716	8722	8722
2.1.2	Imported Coal (As Billed)	kcal/kg	0	0.00	0.00	0.00	0.00	0.00				
2.1.3	Wash Coal (As Billed)	kcal/kg	0.00	0.00	0.00	0.00	3982.00	3982.00				
	Domestic Coal (As Received)- Actual	kcal/kg	3092.00	3092.00	2897.00	2897.00	3022.00	3022.00				
	GCV loss between loading end and unloading end-- Domestic Actual	kcal/kg	670.00	670.00	798.00	798.00	756.00	756.00				
	GCV loss between loading end and unloading end as per MERC MYT Regulations 2024.	kcal/kg	750.00	750.00	750.00	750.00	750.00	750.00				
	Minimum of GCV loss of Actual Vs Approved	kcal/kg	670.00	670.00	750.00	750.00	750.00	750.00				
	Domestic coal As received GCV for FAC computation	kcal/kg	3092.00	3092.00	2945.00	2945.00	3028.00	3028.00				
	Wash Coal (As Received)	kcal/kg	0.00	0.00	0.00	0.00	2989.00	2989.00				
	GCV loss between loading end and unloading end-- Wash Coal Actual	kcal/kg	0.00	0.00	0.00	0.00	993.00	993.00				
	GCV loss between loading end and unloading end for Wash Coal as per Case No. 296 of 2019 (Min. of Actual or 300)	kcal/kg	0.00	0.00	0.00	0.00	300.00	300.00				
	Wash coal As received GCV for FAC computation	kcal/kg	0.00	0.00	0.00	0.00	3682.00	3682.00				
2.1.4	Imported Coal (As Received)	kcal/kg	0	0	0	0	0	0				
	Weighted avg. received GCV Raw coal + Washed coal - Actual		3092.00	3092.00	2897.00	2897.00	3003.52	3003.52				
	Weighted avg. received GCV Imported Coal; - Actual		0.00	0.00	0.00	0.00	0.00	0.00				
	Weighted Avg Raw & Wash Coal for FAC Computations	kcal/kg	3092.00	3092.00	2945.00	2945.00	3394.24	3394.24				
	Weighted Avg Imported Coal for FAC Computations		0.00	0.00	0.00	0.00	0.00	0.00				
2.1.5	L.D.O	kcal/kg	10421.00	10421.00	10752.00	10752.00	10752.00	10752.00				
2.1.6	F.O	kcal/kg	10296.00	10296.00	10185.00	10185.00	10185.00	10185.00				
2.1.7	Biomass Pallets (As Received)	kcal/kg										
	Calorific Value after stacking loss											
	Domestic + Washed Coal (As Fired)-- Actual	kcal/kg	3010.00	3010.00	2775.00	2775.00	2897.00	2897.00				
	Imported Coal	kcal/kg	0.00	0.00	0.00	0.00	0.00	0.00				
	Biomass Pallets	kcal/kg										
2.2	**Stacking Loss**											
2.2.1	Stacking Loss Approved	kcal/kg	85.00	85.00	85.00	85.00	85.00	85.00				
	Stacking Loss Domestic + Washed Coal (As Fired)--**Actual**	kcal/kg	82.00	82.00	122.00	122.00	106.52	106.52				
	stacking loss to be considered as per MERC Regulations - raw coal + Washed coal	kcal/kg	85.00	82.00	85.00	85.00	85.00	85.00				
	Stacking Loss Imported Coal **Actual**	kcal/kg	0.00	0.00	0.00	0.00	0.00	0.00				
	stacking loss to be considered as per MERC Regulations - Imported coal	kcal/kg	85.00	0.00	85.00	0.00	85.00	0.00				
2.3	**Calorific Value after stacking loss**	kcal/kg	3,010.00	3010.00	2,775.00	2860.00	2,897.00	3309.24				
2.3.1	Raw Coal + Washed coal (As Fired)- to be considered for energy charge computation	kcal/kg	3010	3010.00	2775	2860.00	2897	3309.24	8716.00	8716.00	8722.00	8722.00
2.3.2	Imported Coal (As Fired)- to be considered for energy charge computation	kcal/kg	0	0.00	0	0.00	0	0.00				
	Biomass Pallets	kcal/kg										
2.4	**Landed Fuel Price per unit**											
2.4.1	Domestic Coal	Rs./MT	4816.95	4871.62	3272.72	3501.97	4007.29	4095.71	26.6522437	26.6522437	26.6673440	26.6673440
2.4.2	Imported Coal	Rs./MT	0.00	0.00	0.00	0.00	0.00	0.000				
	Wash Coal	Rs./MT	0.00	0.00	0.00	0.00	4052.00	4119.10				
	Weighted AVG price		4816.95	4871.62	3272.72	3501.97	4032.33	4108.80				
2.4.3	L.D.O	Rs./KL	0.00	83061.09	88357.71	88357.71	135488.09	135488.09				
2.4.4	F.O	Rs./KL	67093.32	67093.32	69813.79	69813.79	0.00	78648.05				
	Wtd. Avg. Oil price	Rs./KL	67093.32	67093.32	72010.94	72010.94	135488.09	135488.09				
	Biomass Pallets	Rs./MT										
3	**Fuel Consumption and Heat Contribution (for each fuel separately)**											
3.1	Specific Fuel Consumption		0.81	0.80	0.94	0.85	0.83	0.6725				
3.1.1	Domestic Coal	kg/kWh	0.81	0.80	0.94	0.85	0.36652	0.296	0.25	0.23	0.37	0.33
3.1.2	Imported Coal	kg/kWh	0.00	0.00	0.00	0.00	0.00	0.00				
	Wash Coal	kg/kWh	0.00	0.00	0.00	0.00	0.47	0.38				
3.1.3	L.D.O	ml/kWh	0.00	0.00	1.55	0.33	1.03	0.50				
3.1.4	F.O	ml/kWh	0.78	0.50	11.56	2.48	0.00	0.00				
	Biomass Pallets	kg/kWh										
3.2	Total Fuel Consumption											
3.2.1	Domestic Coal	MT	107293.67	106063.08	73793.00	66676.99	221859.00	179107.92	24047711.98	22230437.13	16948919.12	15042627.84
3.2.2	Imported Coal	MT	0.00	0.00	0.00	0.00	0.00	0.00				
	Wash Coal	MT	0.00	0.00	0.00	0.00	282365.00	227954.72				
3.2.3	L.D.O	KL	0.00	0.00	122.00	26.14	623.40	302.66				
3.2.4	F.O	KL	102.70	66.23	907.68	194.46	0.00	0.00				
	Biomass Pallets	MT										
3.3	Coal + Bio Pallets Heat content			319249.86		190696.19		1347067.74				
3.3.1	Domestic Coal	Million kcal	322953.95	319249.86	204775.58	190696.19	642725.52	592710.98	209599.86	193760.49	147828.47	131201.80
3.3.2	Imported Coal	Million kcal	0.00	0	0.00	0	0.00	0				
	Wash Coal	Million kcal	0.00	0.00	0.00	0.00	818011.41	754356.76				
3.3.3	L.D.O	Million kcal	0.00	0.00	1118.92	239.71	5717.49	2775.79				
3.3.4	**F.O**	**Million kcal**	986.55	636.21	8625.32	1847.85	0.00	0.00				
	Total Heat content	Million kcal	323940.50	319886.07	214519.82	192783.74	1466454.41	1349843.53	209599.86	193760.49	147828.47	131201.80
	Biomass Pallets											
4	Total Fuel Cost											
4.1	Domestic Coal	Rs. Crore	51.68	51.6699	24.15	23.35	88.91	73.35735	64.09	59.25	45.20	40.11
4.2	Imported Coal	Rs. Crore	0.00	0.0000	0.00	0.00	0.00	0.00				
	Wash Coal	Rs. Crore	0.00	0.0000	0.00	0.00	114.41	93.90				
4.3	L.D.O	Rs. Crore	0.00	0.0000	1.08	0.23	8.45	4.10				
4.4	F.O	Rs. Crore	0.69	0.4444	6.34	1.36	0.00	0.00				
	Total Fuel Cost	**Rs. Crore**	**52.37**	**52.1143**	**31.57**	**24.94**	**211.77**	**171.35**	**64.09**	**59.25**	**45.20**	**40.11**
	Biomass Pallets	**Rs. Crore**										
5	Other Charges and Adjustments											
5.1	Other Charges (TL Actual loading)	Rs. Crore	0.66		0.17		0.241569					
5.2	**Other Adjustments (OVC)**	**Rs. Crore**	0.17		1.50		2.828873					
	Total Other Charges and Adjustments	Rs. Crore	0.83		1.66		3.070442					
6	Total Cost (= 4 + 5)	Rs. Crore	53.20	52.11	33.23	24.94	214.836326	171.3547180	64.0925481	59.2491029	45.1982656	40.1146931
7	Cost of Generation (at Generation Terminal) (= 6/1.4)	Rs./kWh	4.02	3.93	4.23	3.18	3.55	2.83	6.73	6.22	9.99	8.87
8	**Energy Charge (= 6/(1.4-1.6))**	**Rs./kWh**	**4.5572**	**4.2999**	**4.8507**	**3.5618**	**3.8293**	**3.0115**	**7.0025**	**6.4218**	**10.0638**	**8.9563**
9	**FGD Cost**					14.12		16.03				
9.1	FGD Reagent (Limestone/Sodium Bicarbonate) Consumption	MT	-		21.84	21.84	-	-				
9.2	FGD Reagent (Limestone/Sodium Bicarbonate) Rate	Rs/MT	-		46,504.04	46,504.04	-	-				
9.3	FGD Reagent (Limestone/Sodium Bicarbonate) Cost	Rs. Crore	-		0.10	0.10	-	-				
10	Total Cost (6+9)	Rs. Crore	53.20	52.11	33.33	25.04	214.84	171.35	64.09	59.25		
11	Cost of Generation (at Generation Terminal) (= 10/1.4)	Rs./kWh	4.02	3.93	4.25	3.19	3.55	2.83	6.73	6.22		
12	**Energy Charge (= 6/1.11)**	**Rs./kWh**	**4.5572**	**4.2999**	**4.8677**	**3.5779**	3.8293	**3.0115**	**7.0025**	**6.4218**	**10.0638**	**8.9563**