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 RATE STACK OF VARIABLE CHARGES (VC) FOR NOVEMBER-2026 - (R1)

(*Effective from 17.11.2026 to 15.12.2026)

Sr. no.	Generating Station	OWNER/ TYPE	Type of Fuel	Installed Capacity (MW)	Contracted Capacity/ Share in ISGS (MW)	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	9
	DECENTRALISED MOD STACK FOR MSEDCL							
1	KAWAS (LQ)	Central Sector	Gas	-	-	29.3729	0	29.3729
2	KAWAS (COM GAS)	Central Sector	Gas	656	204	24.4511	0	24.4511
3	JGPS (COM GAS)- Gandhar	Central Sector	Gas	657	200	24.3672	0	24.3672
4	KAWAS (RLNG)	Central Sector	Gas	-	-	21.9250	0	21.9250
5	JGPS (RLNG) - Gandhar	Central Sector	Gas	-	-	21.8897	0	21.8897
6	Uran GTPS (Open cycle operation)	MSPGCL	Gas	-	-	9.1680	0	9.1680
7	Uran GTPS (Combined cycle operation)	MSPGCL	Gas	672	672	6.5730	0	6.5730
8	Nasik Unit - 03 to 05	MSPGCL	Coal	630	630	6.167	0	6.1670
9	CGPL (Coastal Gujrat)	Central Sector	Coal	800	760	5.7099	0	5.7099
10	Bhusawal Unit - 03	MSPGCL	Coal	210	210	5.186	0	5.1860
11	APML, 440 MW (Adani-Tiroda)	IPP	Coal	440	440	2.3705	2.3480	4.7185
12	JSW U1, Jaigad	IPP	Coal	300	300	4.0062	0.6864	4.6926
13	Parali Unit - 06 & 07	MSPGCL	Coal	500	500	4.6640	0	4.6640
14	Parali Unit -08	MSPGCL	Coal	250	250	4.6620	0	4.6620
15	APML, Unit 1,4 & 5 125 MW (Adani-Tiroda)	IPP	Coal	125	125	2.3105	2.3480	4.6585
16	APML, Unit 1,4 & 5 1200 MW (Adani-Tiroda)	IPP	Coal	1200	1200	2.3105	2.3480	4.6585
17	Solapur STPS	Central Sector	Coal	1320	616	4.2863	0	4.2863
18	APML, Unit 2 & 3 (1320 MW) (Adani-Tiroda)	IPP	Coal	1320	1320	1.5730	2.6817	4.2547
19	Bhusawal Unit - 04 & 05	MSPGCL	Coal	1000	1000	4.1850	0	4.1850
20	Chandrapur Unit - 03 to 07	MSPGCL	Coal	1920	1920	4.1840	0	4.1840
21	Paras Unit - 03 & 04	MSPGCL	Coal	500	500	3.9710	0	3.9710
22	Chandrapur Unit - 08,09	MSPGCL	Coal	1000	1000	3.7980	0	3.7980
23	Koradi Unit - 06	MSPGCL	Coal	210	210	3.5820	0	3.5820
24	Bhusawal Unit - 06	MSPGCL	Coal	660	660	3.5130	0	3.5130
25	IEPL Case-IV (Ideal Energy)	IPP-MTOA	Coal	270	180	3.5070	-0.0860	3.4210
26	Khaperkheda Unit - 01 to 04	MSPGCL	Coal	840	840	3.3580	0	3.3580
27	Gadarwara	Central Sector	Coal	1600	50	3.3545	0	3.3545
28	Khargone	Central Sector	Coal	1320	50	3.2741	0	3.2741
29	KHTPS-II (Kahalgaon-II)	Central Sector	Coal	1500	148	3.0662	0	3.0662
30	Khaperkheda Unit - 05	MSPGCL	Coal	500	500	3.0190	0	3.0190
31	Koradi Unit - 08 to 10	MSPGCL	Coal	1980	1980	2.9600	0	2.9600
32	MSTPS-I (Mauda-I)	MSPGCL	Coal	1000	370	2.9304	0	2.9304
33	SWPGL (Sai Wardha Power)	LTOA	Coal	540	240	2.4905	0.3945	2.8850
34	MSTPS-II (Mauda-II)	Central Sector	Coal	1320	500	2.8517	0	2.8517
35	VMEPL Vidarbha Minerals- (Trader-Manikaran Power Ltd. (MPL))	MTOA	Coal	120	100	2.7980	0	2.7980
36	VIPL UNIT-1&2 Vidarbha Industries-(Trader-Powerpulse)	MTOA	Coal	600	543	2.7980	0	2.7980
37	JPL- Jindal Power Ltd,Shirpur (Dhule)	MTOA	Coal	300	100	2.7980	0	2.7980
38	Jindal Power Limited,Tamnar (Interstate)	InterState MTOA	Coal	1000	250	2.5770	0	2.5770
39	GMR (Warora)	Central Sector	Coal	600	200	2.5287	0	2.5287
40	VSTP-I (Vindyachal-I)	Central Sector	Coal	1260	410	2.4034	0	2.4034
41	RIPL- RattanIndia Power Ltd, Amravati	IPP	Coal	1350	1200	2.0184	0.3760	2.3944
42	VSTPS-V (Vindyachal-V)	Central Sector	Coal	500	149	2.2928	0	2.2928
43	VSTP-II (Vindyachal-II)	Central Sector	Coal	1000	319	2.2836	0	2.2836
44	VSTPS-III (Vindyachal-III)	Central Sector	Coal	1000	258	2.2582	0	2.2582
45	VSTP-IV (Vindyachal-IV)	Central Sector	Coal	1000	270	2.2318	0	2.2318
46	Lara	Central Sector	Coal	1600	230	1.7131	0	1.7131
47	KSTPS I AND II (KORBA- I & II)	Central Sector	Coal	2100	610	1.5463	0	1.5463
48	SSTPS-II (SIPAT-II)	Central Sector	Coal	1000	258	1.5382	0	1.5382
49	KSTPS-III (KORBA- III)	Central Sector	Coal	500	108	1.5232	0	1.5232
50	SSTPS-I (SIPAT-I)	Central Sector	Coal	1980	510	1.5230	0	1.5230
	DECENTRALISED MOD STACK FOR AEML-D							
1	ADTPS U-1 & 2 Adani,Dahanu	ADTPS	Coal	500	500	5.4825	0.0000	5.4825
2	SWPGL U1234 Sai Wardha	MTOA	Coal	540	100	2.8080	0.0000	2.8080
3	IEPL -Ideal Energy	MTOA	Coal	270	50	2.7930	0.0000	2.7930
4	DHARIWAL TO AEML- (Interstate sch NODAL- WRLDC)	Inter-state STOA	Coal	300	125	2.7690	0.0000	2.7690
5	JPL- JINDAL PL U1&2 Dhule	MTOA	Coal	300	100	2.7370	0.0000	2.7370
	DECENTRALISED MOD STACK FOR TPC-D							
1	TPC U-7 (RLNG)	TATA	Gas	xxx	xxx	29.3480	0.0000	29.3480
2	TPC U-5	TATA	Coal/Oil/ Gas	500	500	7.7920	0.0000	7.7920
3	TPC U-8	TATA	Coal	250	250	7.6060	0.0000	7.6060
4	TPC U-7 (APM)	TATA	Gas	180	180	6.4250	0.0000	6.4250
5	JPL- JINDAL PL U1&2 Dhule	MTOA	Coal	300	70	2.7830	0.0000	2.7830
	DECENTRALISED MOD STACK FOR BEST-D							
1	TPC U-7 (RLNG)	TATA	Gas	-	-	29.3480	0.0000	29.3480
2	TPC U-5	TATA	Coal/Oil/ Gas	500	500	7.7920	0.0000	7.7920
3	TPC U-8	TATA	Coal	250	250	7.6060	0.0000	7.6060
4	TPC U-7 (APM)	TATA	Gas	180	180	6.4250	0.0000	6.4250
5	SWPGL TO BEST	MTOA	Coal	540	125	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 variable rate of CGPL submitted by CEPP, MSEDCL as per MOP directives under section-11 (Sr No.-9) and updated in mahasldc.in website (Reports > Scheduling >MOD Stack Reports)

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 MSEDCL as per this MOD rates stack.

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 RATE STACK OF VARIABLE CHARGES (VC) FOR NOVEMBER-2026 - (R0)

(*Effective from 16.11.2026 to 15.12.2026)

Sr. no.	Generating Station	OWNER/ TYPE	Type of Fuel	Installed Capacity (MW)	Contracted Capacity/ Share in ISGS (MW)	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	9
	DECENTRALISED MOD STACK FOR MSEDCL							
1	KAWAS (LQ)	Central Sector	Gas	-	-	29.3729	0	29.3729
2	KAWAS (COM GAS)	Central Sector	Gas	656	204	24.4511	0	24.4511
3	JGPS (COM GAS)- Gandhar	Central Sector	Gas	657	200	24.3672	0	24.3672
4	KAWAS (RLNG)	Central Sector	Gas	-	-	21.9250	0	21.9250
5	JGPS (RLNG) - Gandhar	Central Sector	Gas	-	-	21.8897	0	21.8897
6	Uran GTPS (Open cycle operation)	MSPGCL	Gas	-	-	9.1680	0	9.1680
7	Uran GTPS (Combined cycle operation)	MSPGCL	Gas	672	672	6.5730	0	6.5730
8	Nasik Unit - 03 to 05	MSPGCL	Coal	630	630	6.167	0	6.1670
9	CGPL (Coastal Gujrat)	Central Sector	Coal	800	760	5.2858	0	5.2858
10	Bhusawal Unit - 03	MSPGCL	Coal	210	210	5.186	0	5.1860
11	APML, 440 MW (Adani-Tiroda)	IPP	Coal	440	440	2.3705	2.3480	4.7185
12	JSW U1, Jaigad	IPP	Coal	300	300	4.0062	0.6864	4.6926
13	Parali Unit - 06 & 07	MSPGCL	Coal	500	500	4.6640	0	4.6640
14	Parali Unit -08	MSPGCL	Coal	250	250	4.6620	0	4.6620
15	APML, Unit 1,4 & 5 125 MW (Adani-Tiroda)	IPP	Coal	125	125	2.3105	2.3480	4.6585
16	APML, Unit 1,4 & 5 1200 MW (Adani-Tiroda)	IPP	Coal	1200	1200	2.3105	2.3480	4.6585
17	Solapur STPS	Central Sector	Coal	1320	616	4.2863	0	4.2863
18	APML, Unit 2 & 3 (1320 MW) (Adani-Tiroda)	IPP	Coal	1320	1320	1.5730	2.6817	4.2547
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22	Chandrapur Unit - 08,09	MSPGCL	Coal	1000	1000	3.7980	0	3.7980
23	Koradi Unit - 06	MSPGCL	Coal	210	210	3.5820	0	3.5820
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37	JPL- Jindal Power Ltd,Shirpur (Dhule)	MTOA	Coal	300	100	2.7980	0	2.7980
38	Jindal Power Limited,Tamnar (Interstate)	InterState MTOA	Coal	1000	250	2.5770	0	2.5770
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	DECENTRALISED MOD STACK FOR AEML-D							
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2	SWPGL U1234 Sai Wardha	MTOA	Coal	540	100	2.8080	0.0000	2.8080
3	IEPL -Ideal Energy	MTOA	Coal	270	50	2.7930	0.0000	2.7930
4	DHARIWAL TO AEML- (Interstate sch NODAL-WRLDC)	Inter-state STOA	Coal	300	125	2.7690	0.0000	2.7690
5	JPL- JINDAL PL U1&2 Dhule	MTOA	Coal	300	100	2.7370	0.0000	2.7370
	DECENTRALISED MOD STACK FOR TPC-D							
1	TPC U-7 (RLNG)	TATA	Gas	xxx	xxx	29.3480	0.0000	29.3480
2	TPC U-5	TATA	Coal/Oil/ Gas	500	500	7.7920	0.0000	7.7920
3	TPC U-8	TATA	Coal	250	250	7.6060	0.0000	7.6060
4	TPC U-7 (APM)	TATA	Gas	180	180	6.4250	0.0000	6.4250
5	JPL- JINDAL PL U1&2 Dhule	MTOA	Coal	300	70	2.7830	0.0000	2.7830
	DECENTRALISED MOD STACK FOR BEST-D							
1	TPC U-7 (RLNG)	TATA	Gas	-	-	29.3480	0.0000	29.3480
2	TPC U-5	TATA	Coal/Oil/ Gas	500	500	7.7920	0.0000	7.7920
3	TPC U-8	TATA	Coal	250	250	7.6060	0.0000	7.6060
4	TPC U-7 (APM)	TATA	Gas	180	180	6.4250	0.0000	6.4250
5	SWPGL TO BEST	MTOA	Coal	540	125	2.7800	0.0000	2.7800

NOTE-

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5) Gas and RE and Nuclear Generation is considered as "MUST RUN" except TPCU-7 NAPM/RLNG 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:** 01-11-2026 | **Due date:** 15-12-2026

THERMAL & GAS STATIONS Energy bill for the month of OCTOBER-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)	92.524849	5.329	4930.6492032	1406.8655917	6337.5147949	-297.4916951	1704.3572868	6635.0064900
2	BHUSAWAL (Unit 4-5)	444.934616	4.404	19594.9204886	7628.2735658	27223.1940544	758.3296405	6869.9439253	26464.8644139
3	BHUSAWAL (Unit 6)	369.270985	3.668	13544.8597298	10976.0833333	24520.9430631	-264.7689560	11240.8522893	24785.7120191
4	KHAPARKHEDA (Unit 1- 4)	337.844365	3.840	12973.2236160	6361.2198017	19334.4434177	886.6471008	5474.5727009	18447.7963169
5	KHAPARKHEDA U # 5	282.212422	3.428	9674.2418262	5432.3968175	15106.6386437	27.9665634	5404.4302541	15078.6720803
6	NASHIK (Unit 3-5)	247.601396	5.401	13372.9513980	4064.5530408	17437.5044388	-421.0867771	4485.6398179	17858.5912159
7	CHANDRAPUR (Unit 3-7)	840.288739	4.658	39140.6494626	10585.6841450	49726.3336076	-866.9970548	11452.6811998	50593.3306624
8	CHANDRAPUR (Unit- 8 & 9)	593.672371	3.617	21473.1296591	10040.3779750	31513.5076341	-701.5909893	10741.9689643	32215.0986234
9	PARAS (Unit 3- 4)	202.652519	4.202	8515.4588484	4740.1221492	13255.5809976	864.9949557	3875.1271935	12390.5860419
10	PARLI (Unit 6- 7)	248.345258	5.530	13733.4927674	5088.5062175	18821.9989849	-7.7591641	5096.2653816	18829.7581490
11	PARLI (Unit 8)	125.816163	5.393	6785.2656706	3162.9899383	9948.2556089	-488.9412527	3651.9311910	10437.1968616
12	KORADI (Unit 6)	96.651742	3.703	3579.0140063	2834.4690258	6413.4830321	48.6234696	2785.8455562	6364.8595625
13	KORADI (Unit- 8,9 & 10)	827.897654	3.378	27966.3827521	17825.5767292	45791.9594813	3111.0174715	14714.5592577	42680.9420098
14	GTPS URAN (Unit 5 -10)	142.607374	5.232	7461.2178077	2053.6608050	9514.8786127	0.0000000	2053.6608050	9514.8786127
	TOTAL THERMAL	4852.320453		202745.4572360	92200.7791358	294946.2363718	2648.9433124	89551.8358234	292297.2930594
	ENERGY BILL FOR SUPPLY OF ENERGY FROM MAHAGENCO's THERMAL & GAS POWER STATIONS TO MAHAVITARAN FOR THE MONTH OF October 2026								292297.2930594

Bill amount in words Rs. Two Thousand Nine Hundred Twenty Two Crores Ninety Seven Lakhs Twenty Nine Thousand Three Hundred Five And Ninety Four 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 October 2026

Month : Oct-26

Season : Low Demand Season

Month no. in the season: 5

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 October 2026 (%)	Actual off-peak period Cummulative AVF upto October 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 October 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	7927.1101667	85.000%	1585.4220333	6341.6881333	82.549%	84.144%	1539.7059227	6277.8236034	7817.52953	109.5806406	407.07234	-297.4916951
2	BHUSAWAL (Unit 4-5)	91131.7793600	37971.5747333	85.000%	7594.3149467	30377.2597867	71.691%	71.815%	6405.2239158	25665.2107245	32070.43464	5901.1400931	5142.81045	758.3296405
3	BHUSAWAL (Unit 6)	131713.0000000	54880.4166667	85.000%	10976.0833333	43904.3333333	78.344%	79.911%	10116.5914431	41275.7550706	51392.34651	3488.0701530	3752.83911	-264.7689560
4	KHAPARKHEDA (Unit 1- 4)	81594.8427600	33997.8511500	85.000%	6799.5702300	27198.2809200	59.749%	59.208%	4779.6179020	18945.3625495	23724.98045	10272.8706984	9386.22360	886.6471008
5	KHAPARKHEDA U # 5	60878.8084100	25366.1701708	85.000%	5073.2340342	20292.9361367	86.465%	84.882%	5073.2340342	20264.7647665	25337.99880	28.1713701	0.20481	27.9665634
6	NASHIK (Unit 3-5)	48941.3535800	20392.2306583	85.000%	4078.4461317	16313.7845267	85.222%	86.006%	4078.4461317	16313.7845267	20392.23066	0.0000000	421.08678	-421.0867771
7	CHANDRAPUR (Unit 3-7)	151694.8579200	63206.1908000	80.000%	12641.2381600	50564.9526400	61.380%	62.209%	9698.9899783	39319.9392348	49018.92921	14187.2615870	15054.25864	-866.9970548
8	CHANDRAPUR (Unit- 8 & 9)	117863.6578800	49109.8574500	85.000%	9821.9714900	39287.8859600	82.132%	82.269%	9490.5666167	38025.5892946	47516.15591	1593.7015387	2295.29253	-701.5909893
9	PARAS (Unit 3- 4)	57282.1300200	23867.5541750	85.000%	4773.5108350	19094.0433400	73.820%	74.043%	4145.6537628	16632.7088356	20778.36260	3089.1915766	2224.19662	864.9949557
10	PARALI (UNIT 6-7)	57836.5480700	24098.5616958	85.000%	4819.7123392	19278.8493567	76.127%	77.306%	4316.5910735	17533.7732749	21850.36435	2248.1973474	2255.95651	-7.7591641
11	PARALI (UNIT 8)	41760.8802800	17400.3667833	85.000%	3480.0733567	13920.2934267	84.609%	85.335%	3464.0650192	13920.2934267	17384.35845	16.0083374	504.94959	-488.9412527
12	KORADI (Unit 6)	29827.8196300	12428.2581792	75.000%	2485.6516358	9942.6065433	67.399%	69.837%	2233.7391280	9258.1575089	11491.89664	936.3615423	887.73807	48.6234696
13	KORADI (Unit- 8, 9 & 10)	228486.9355700	95202.8898208	85.000%	19040.5779642	76162.3118567	62.583%	62.466%	14019.0175380	55971.2349699	69990.25251	25212.6373129	22101.61984	3111.0174715
14	GTPS URAN (Unit 5 -10)	24497.9328700	10207.4720292	40.890%	2041.4944058	8165.9776233	53.614%	57.981%	2041.4944058	8165.9776233	10207.47203	0.0000000	0.00000	0.0000000
	TOTAL THERMAL	**1142535.6107500**	**476056.5044791**		**95211.3008958**	**380845.2035833**			**81402.9368718**	**327570.3754098**	**408973.3122816**	**67083.1921975**	**64434.2488851**	**2648.9433124**
	Rs. Twenty Six Crores Forty Eight Lakhs Ninety Four Thousand Three Hundred Thirty One And Twenty Four Paise Only (E & OE)													**2648.9433124**

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. 84/2026 | **Bill Date: 01-11-2026** | **Due date: 15-12-2026**

Energy Bill of MAHAGENCO for the Month of Oct-2026 [From 01-10-2026 (00.00 Hrs) to 31-10-2026 (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	123.471247	0.784	968.014576	89.65	626.048975	100.00	72.276705	**1666.340256**
2	KGSC Stage III	69.919200	0.784	548.166528	89.65	333.892787	85.48	-15.516347	**866.542968**
3	KGSC Stage IV	200.751400	0.784	1573.890976	89.65	1043.414959	100.00	120.461181	**2737.767116**
4	KDPH	9.922580	0.784	77.793027	89.65	37.562939	100.00	4.336602	**119.692567**
5	**Total KGSC**	**404.064427**		**3167.865108**		**2040.919659**		**181.558141**	**5390.342908**
				BHIRA TR HPS					
6	Bhira HPS U # 1 & 2	10.051806	1.116	112.178155	90.00	64.629977	100.00	**7.181113**	**183.989245**
7	**Bhira Total**	**10.051806**		**112.178155**		**64.629977**	**100.00**	**7.181113**	**183.98924**
				TILLARI HPS					
8	Tillari HPS U # 1	-0.003450	1.298	-0.044781	90.00	113.335684	100.00	**12.592856**	**125.883759**
9	**Tillari Total**	**-0.003450**		**-0.044781**		**113.335684**	**100.00**	**12.592856**	**125.88376**
10	**Total for High Capacity Hydro P.S.**	**414.112783**		**3279.998482**		**2218.88532**		**201.33211**	**5700.21591**

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**	**-0.067320**	0.00000	0.00000		295.22706		**295.22706**
12	**Ghatghar PSS**	**18.275680**	0.00000	0.00000		1998.53961		**1998.53961**
13	**Total Mahagenco's Hydro (Including Ghatghar PSS)**	**432.321143**						**7993.98258**

III. BILLSUMMARY

14	**TOTAL ENERGY BILL AMOUNT IN RS. CR. FOR MSPGCL'S LARGE HYDRO STATIONS FOR THE MONTH OF**	**October-2026**	**79.9398258**

Total Energy Bill Amount for MSPGCL's Large Hydro Power Stations is Rs. 79.9398258 Cr. in words (Rupees Seventy Nine Crore Ninety Three Lakh Ninety Eight Thousand Two Hundred Fifty Eight and Paise Zero Only) (E & OE).

**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.	085/2026	Bill Date:	01-11-2026	Due Date:	15-12-2026

Energy Bill of MAHAGENCO for the Month of Oct-2026 [From 01-10-2026 (00.00 Hrs) to 31-10-2026 (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	-0.010401	118.08750
2	Paithan	1 X 12	-0.004494	61.39460
	VAITARNA DIVISION			
4	Vaitarna Dam Toe	1 X 1.5	-0.001984	7.38068
5	Bhatsa	1 X 15	10.951709	91.20899
6	Surya	1 X 6	0.282107	79.13849
	BHATGHAR DIVISION			
8	Bhatghar	1X 16	-0.011063	120.28915
9	Kanher	1 X 4	0.929320	46.53440
10	Dhom	2 X 1	0.169080	-49.42532
11	Ujjani	1 X 12	2.428564	180.10325
12	Warana	2 X 8	4.306111	163.71399
	PANSHET DIVISION			
13	Panshet	1 X 8	5.852426	83.51254
14	Varasgaon	1 X 8	5.872124	51.40304
15	Pawana	1 X 10	1.830357	70.57409
16	Manikdoh	1 X 6	-0.009544	77.02449
17	Dimbhe	1 X 5	-0.001780	77.44905
	TILLARI DIVISION			
18	Dudhganga	2 X 12	3.044315	168.99181
19	Terwanmedhe	1 X 0.2	0.000000	8.00020
20	Radhanagari	4 X 1.2	-0.000039	0.00000
	TOTAL SMALL HYDRO			
	TOTAL		**35.6268080**	**1355.38095**

III. BILL SUMMARY

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

Amount in words (Rupees Thirteen Crore Fifty Five Lakh Thirty Eight Thousand Ninety Five and Paise Zero Only)

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	.../2026	Date:	05-11-2026	Due date:	19-12-2026

Provisional Part-I Fuel Surcharge Adjustment bill for the Month of October-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	5.186		-0.143	92.524849	-132.3105341
2	BHUSAWAL (Unit 4-5)	4.404	4.185		-0.219	444.934616	-974.4068091
3	BHUSAWAL (Unit 6)	3.668	3.513		-0.155	369.270985	-572.3700268
4	KHAPARKHEDA (Unit 1- 4)	3.840	3.358	3.364	-0.476	337.844365	-1608.1391773
5	KHAPARKHEDA (Unit 5)	3.428	3.019		-0.409	282.212422	-1154.2488060
6	NASHIK (Unit 3-5)	5.401	6.167		0.766	247.601396	1896.6266934
7	CHANDRAPUR (Unit 3-7)	4.658	4.184		-0.474	840.288739	-3982.9686228
8	CHANDRAPUR (Unit- 8 & 9)	3.617	3.798		0.181	593.672371	1074.5469915
9	PARAS (Unit 3- 4)	4.202	3.971		-0.231	202.652519	-468.1273189
10	PARLI (UNIT 6-7)	5.530	4.664		-0.866	248.345258	-2150.6699343
11	PARLI (UNIT 8)	5.393	4.662		-0.731	125.816163	-919.7161515
12	KORADI (Unit 6)	3.703	3.582	3.583	-0.120	96.651742	-115.9820904
13	KORADI (Unit-8,9 & 10)	3.378	2.960		-0.418	827.897654	-3460.6121937
14	URAN GTPS (Combine cycle)	5.232	6.573		1.341	106.131750	1423.2267675
15	URAN GTPS (Open cycle)	5.232	9.168		3.936	36.475624	1435.6805606
	TOTAL MSPGCL FAC BILL					**4852.320453**	**-9709.4706519**

#NAME?

Chief Engineer,
Regulatory & Commercial Dept.

F10 - ECR calculation for October-2

			103.89		473.01		391.45		373.86		299.56		285.54		919.71		630.99		223.33		273.75		137.44		108.11				combined cycle		Open cycle	
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	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 combined cycle	URAN	URAN Open cycle	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**				
1.1	Total Capacity	MW	210	210	1000	1000	660	660	840.00	840.00	500.00	500.00	630.00	630.00	1920	1920	1000	1000	500	500	500	500	250	250	210	210	1980	1980	672	672	672	672
1.2	Availability	%	84.19%	84.19%	74.96%	74.96%	86.89%	86.89%	61.79%	61.79%	83.82%	83.82%	88.99%	88.99%	70.90%	70.90%	90.90%	90.90%	67.24%	67.24%	84.15%	84.15%	86.09%	86.09%	73.37%	73.37%	61.97%	61.97%	47%	46.55%	46.55%	46.55%
1.3	PLF	%	66.49%	66.49%	63.58%	63.58%	79.72%	79.72%	59.82%	59.82%	80.53%	80.53%	60.92%	60.92%	64.38%	64.38%	84.81%	84.81%	60.03%	60.03%	73.59%	73.59%	73.89%	73.89%	69.20%	69.20%	60.33%	60.33%	29%	29.44%	29.44%	29.44%
1.40	Gross Generation	MU	106.975	106.975	476.560	476.56	394.136	394.14	382.91	382.91	296.85	296.85	285.54	285.54	932.08	932.08	634.84	634.84	226.531	226.53	283.31	283.31	142.91	142.91	108.11	108.11	888.74	888.74	110.86	110.86	36.82	36.82
1.50	Auxiliary Consumption excluding FGD	%	12.94%	10.96%	7.26%	6.00%	6.36%	5.75%	12.68%	9.70%	6.59%	6.00%	12.62%	10.75%	9.89%	8.67%	5.98%	6.00%	11.37%	9.30%	11.82%	9.30%	11.21%	8.50%	10.72%	10.81%	6.89%	6.00%	3.62%	3.10%	0.60%	1.00%
1.60	Auxiliary Consumption excluding FGD	MU	13.84	11.72	34.62	28.59	25.08	22.66	48.54	37.14	19.56	17.81	36.0388	30.70	92.16	80.81	37.95	38.09	25.77	21.07	33.49	26.35	16.02	12.15	11.59	11.69	61.27	53.32	4.02	3.44	0.22	0.37
1.70	Auxiliary Consumption for FGD	%	0.00%		0.00%		0.00%		0.02%	0.20%	0.00%		0.00%		0.00%		0.00%		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	0.09	0.09	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	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00
1.90	Total Auxiliary Consumption	%	12.94%	10.96%	7.26%	6.00%	6.36%	5.75%	12.70%	9.90%	6.59%	6.00%	12.62%	10.75%	9.89%	8.67%	5.98%	6.00%	11.37%	9.30%	11.82%	9.30%	11.21%	8.50%	10.74%	11.01%	6.89%	6.00%	3.62%	3.10%	0.60%	1.00%
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU	13.84	11.72	34.62	28.59	25.08	22.66	48.63	37.23	19.56	17.81	36.04	30.70	92.16	80.81	37.95	38.09	25.766131	21.07	33.49	26.35	16.02	12.15	11.62	11.71	61.27	53.32	4.02	3.44	0.221	0.368
1.11	Net Generation (= 1.4 - 1.10)	MU	93.13	95.25	441.94	447.97	369.06	371.47	334.29	345.68	277.30	279.04	249.500176	254.84	839.93	851.27	596.89	596.75	200.7648669	205.46	249.82	256.96	126.89	130.76	96.495	96.40	827.46	835.41	106.844244	107.43	36.60	36.449
1.12	Heat Rate	kcal/kWh	2795.87	2787.00	2432.42	2375.00	2215.76	2139.05	2764.20	2630.00	2369.45	2375.00	2869.16	2754.00	2649.80	2688.00	2360.59	2375.00	2540.67	2415.00	2451.41	2415.00	2443.53	2415.00	2593.67	2455.75	2412.69	2230.00	2137.05	2035.00	3187.91	2900.00
1.13	Secondary Fuel Oil Consumption	ml/kWh	1.24	1.40	0.79	0.50	0.32	0.50	2.89	1.20	1.11	0.50	1.54	1.00	1.60	1.00	0.04	0.50	1.72	0.50	1.57	0.50	0.53	0.50	3.86	2.81	0.97	0.50				
1.14	Transit Loss for Domestic Coal	%	1.498%	0.800%	1.082%	0.800%	1.228%	0.800%	1.258%	0.800%	1.702%	0.800%	0.554%	0.800%	1.011%	0.800%	1.151%	0.800%	3.366%	0.800%	0.889%	0.800%	0.903%	0.800%	1.868%	0.800%	1.281%	0.800%				
1.15	Transit Loss for washed Coal	%	0%						0.02%	80%	0.03%				0%		0.00%	0.00%			0%		0.73%	0%			0%	0%				
	SHR coal+Bio Pallet component		2783.92	2773.54	2424.83	2370.19	2212.66	2134.24	2736.94	2618.67	2358.94	2370.28	2854.56	2744.55	2634.63	2678.54	2360.18	2370.27	2524.34	2410.25	2436.54	2410.27	2438.53	2410.27	2557.59	2429.50	2403.67	2225.33				
2	**Fuel parameters (for each primary and secondary fuel)**																															
2.1	**Calorific Value**																															
2.1.1	Domestic Coal (As Billed)	kcal/kg	3725.00	3725	3862	3862	3830.00	3830	3883	3883	3883	3883	3697	3697	3961	3961	4057	4057	3995.00	3995.00	3994	3994	3994	3994.00	3423.00	3423.00	3829.00	3829.00	8747	8747	8742	8742
2.1.2	Imported Coal (As Billed)	kcal/kg	0.00	0	0	0	0.00	0	4740	4740	4740	4740	4631	4631	4674	4674	4684	4684	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00				
2.1.3	Wash Coal (As Billed)	kcal/kg	3550.00	3550.00	3446.00	3446.00	0.00	0.00	3997.00	3997.00	3997.00	3997.00	0.00	0.00	3830	3830.00	3868.00	3868.00	0.00	0.00	0.00	0.00	0.00	0.00	3756.00	3756.00	3868.00	3868.00				
	Domestic Coal (As Received)- Actual	kcal/kg	2995.00	2995.00	3112.00	3112.00	3055.00	3055.00	2829.00	2829.00	2829.00	2829.00	2985.00	2985.00	3189.00	3189.00	3267.00	3267.00	3264.00	3264.00	3268.00	3268.00	3269.00	3269.00	2823.00	2823.00	3261.00	3261.00				
	GCV loss between loading end and unloading end-- Domestic Actual	kcal/kg	730.00	730.00	750.00	750.00	775.00	775.00	1054.00	1054.00	1054.00	1054.00	712.00	712.00	772.00	772.00	790.00	790.00	731.00	731.00	726.00	726.00	725.00	725.00	600.00	600.00	568.00	568.00				
	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	750.00	750.00	750.00	750.00	750.00	750.00	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	730.00	730.00	750.00	750.00	750.00	750.00	750.00	750.00	750.00	750.00	712.00	712.00	750.00	750.00	750.00	750.00	731.00	731.00	726.00	726.00	725.00	725.00	600.00	600.00	568.00	568.00				
	Domestic coal As received GCV for FAC computation	kcal/kg	2995.00	2995.00	3112.00	3112.00	3080.00	3080.00	3133.00	3133.00	3133.00	3133.00	2985.00	2985.00	3211.00	3211.00	3307.00	3307.00	3264.00	3264.00	3268.00	3268.00	3269.00	3269.00	2823.00	2823.00	3261.00	3261.00				
	Wash Coal (As Received)	kcal/kg	1790.00	1790.00	2303.00	2303.00	0.00	0.00	2897.00	2897.00	2897.00	2897.00	0.00	0.00	2259.00	2259.00	2543.00	2543.00	0.00	0.00	0.00	0.00	0.00	0.00	3366.00	3366.00	2840.00	2840.00				
	GCV loss between loading end and unloading end-- Wash Coal Actual	kcal/kg	1760.00	1760.00	1143.00	1143.00	0.00	0.00	1100.00	1100.00	1100.00	1100.00	0.00	0.00	1571.00	1571.00	1325.00	1325.00	0.00	0.00	0.00	0.00	0.00	0.00	390.00	390.00	1028.00	1028.00				
	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	300.00	300.00	300.00	300.00	0.00	0.00	300.00	300.00	300.00	300.00	0.00	0.00	300.00	300.00	300.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	300.00	300.00	300.00	300.00				
	Wash coal As received GCV for FAC computation	kcal/kg	3250.00	3250.00	3146.00	3146.00	0.00	0.00	3697.00	3697.00	3697.00	3697.00	0.00	0.00	3530.00	3530.00	3568.00	3568.00	0.00	0.00	0.00	0.00	0.00	0.00	3456.00	3456.00	3568.00	3568.00				
2.1.4	Imported Coal (As Received)	kcal/kg	0	0	0	0	0	0	4740	4740	4740	4740	4631	4631	4674	4674	4684	4684	0	0	0	0	0	0	0	0	0	0				
	Weighted avg. received GCV Raw coal + Washed coal - Actual		2948.55	2948.55	3068.10	3068.10	3055.00	3055.00	2833.00	2833.00	2836.41	2836.41	2985.00	2985.00	3189.00	3189.00	3267.00	3267.00	3264.00	3264.00	3268.00	3268.00	3269.00	3269.00	2850.15	2850.15	3101.02	3101.02				
	Weighted avg. received GCV Imported Coal; - Actual		0.00	0.00	0.00	0.00	0.00	0.00	4740.00	4740.00	4740.00	4740.00	4631.00	4631.00	4674.00	4674.00	4684.00	4684.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
	Weighted Avg Raw & Wash Coal for FAC Computations	kcal/kg	3004.83	3004.83	3113.85	3113.85	3080.00	3080.00	3166.14	3166.14	3194.48	3194.48	2985.00	2985.00	3211.00	3211.00	3307.00	3307.00	3264.00	3264.00	3268.00	3268.00	3269.00	3269.00	2854.65	2854.65	3377.66	3377.66				
	Weighted Avg Imported Coal for FAC Computations		0.00	0.00	0.00	0.00	0.00	0.00	4740.00	4740.00	4740.00	4740.00	4631.00	4631.00	4674.00	4674.00	4684.00	4684.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
2.1.5	L.D.O	kcal/kg	10658.00	10658.00	10658.00	10658.00	10658.00	10658.00	10663.00	10663.00	10663.00	10663.00	10720.00	10720.00	10739.00	10739.00	10739.00	10739.00	10019.00	10019.00	10421.00	10421.00	10421.00	10421.00	10643.00	10643.00	10643.00	10643.00				
2.1.6	F.O	kcal/kg	10442.00	10442.00	10442.00	10442.00	10442.00	10442.00	10208.00	10208.00	10208.00	10208.00	10214.00	10214.00	10215.00	10215.00	10215.00	10215.00	10448.00	10448.00	10296.00	10296.00	10296.00	10296.00	10083.00	10083.00	10083.00	10083.00				
2.1.7	Biomass Pallets (As Received)	kcal/kg	0.00	0.00	3878.00	3878.00	0.00	0.00																								
	Calorific Value after stacking loss																															
	Domestic + Washed Coal (As Fired)-- Actual	kcal/kg	2870	2870.00	2985.00	2985.00	2970	2970.00	2752.00	2752.00	2800.00	2800.00	2875.00	2875.00	3103.00	3103.00	3181.00	3181.00	3179.00	3179.00	3266.00	3266.00	3247.00	3247.00	2750.00	2750.00	3020.00	3020.00				
	Imported Coal	kcal/kg	0	0.00	0.00	0.00	0	0.00	4655.00	4655.00	4655.00	4655.00	4546.00	4546.00	4589.00	4589.00	4599.00	4599.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
	Biomass Pallets	kcal/kg	0.00		3748.00		0.00			3048.00																						
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	85.00	85.00	85.00	85.00	85.00	85.00	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	78.55	78.55	83.10	83.10	85.00	85.00	81.00	81.00	36.41	36.41	110.00	110.00	86.00	86.00	86.00	86.00	85.00	85.00	2.00	2.00	22.00	22.00	100.15	100.15	81.02	81.02				
	stacking loss to be considered as per MERC Regulations - raw coal + Washed coal	kcal/kg	85.00	78.55	85.00	83.10	85.00	85.00	85.00	81.00		36.41	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	2.00	85.00	22.00	85.00	85.00	85.00	81.02				
	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	85.00	85.00	85.00	85.00	85.00	85.00	0.00	0.00	0.00	0.00	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	85.00	85.00		85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	0.00	85.00	0.00	85.00	0.00	85.00	0.00	85.00	0.00				
2.3	**Calorific Value after stacking loss**	kcal/kg	2,870.00	2926.28	2,985.28	3031.03	2,970.00	2995.00	2792.57	3122.57	2878.06	3228.73	3022.12	3046.07	3,125.69	3148.51	3302.26	3341.14	3,179.00	3179.00	3,266.00	3266.00	3,247.00	3247.00	2,750.00	2769.65	3,020.00	3296.64				
2.3.1	Raw Coal + Washed coal (As Fired)- to be considered for energy charge computation	kcal/kg	2870	2926.28	2985	3030.75	2970	2995.00	2752	3085.15	2800	3158.07	2875	2900.00	3103	3126.00	3181	3222.00	3179	3179.00	3266	3266.00	3247	3247.00	2750	2769.65	3020	3296.64	8747.00	8747.00	8742.00	8742.00
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	4655	4655.00	4655	4655.00	4546	4546.00	4589	4589.00	4599	4599.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00				
	Biomass Pallets	kcal/kg	0.00	0.00	3748.00	3793.00	0.00	0.00																								
2.4	**Landed Fuel Price per unit**																															
2.4.1	Domestic Coal	Rs./MT	4367.84	4739.40	4851.91	4958.49	4512.27	4595.99	2920.79	3106.13	2861.32	3046.18	5262.95	5305.39	4150	4229.37	3915.68	3993.47	4309.34	4698.19	5625.77	5685.43	5626.25	5701.18	3127.19	3342.52	3733.53	3828.15	27.3758991	27.3758991	27.3605918	27.3605918
2.4.2	Imported Coal	Rs./MT	0.00	0.00	0.00	0.00	0.00	0.00	16181.44	16343.23	16159.46	16321.24	13367.02	13367.02	15402	15447.99	15393.10	15439.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000					
	Wash Coal	Rs./MT	5345.04	5681.38	5195.50	5278.20	0.00	0.00	4308.80	4472.68	4296.18	4461.87	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4098.27	4288.38	4255.95	4337.85				
	Weighted AVG price		4405.51	4775.71	4870.45	4975.84	4512.27	4595.99	3283.32	3500.06	3570.73	3819.89	5976.45	6020.78	4321.54	4401.95	4897.17	4983.79	4309.34	4698.19	5625.77	5685.43	5626.25	5701.18	3175.75	3389.81	3932.05	4021.84				
2.4.3	L.D.O	Rs./KL	78008.16	78008.16	107839.11	107839.11	103798.55	103798.55	10662.02	10662.02	76798.73	76798.73	87956.42	87956.42	89826	89826.27	0.00	71588.05	77869.29	77869.29	84765.87	84765.87	0.00	83061.09	88357.71	88357.71	135488.09	135488.09				
2.4.4	F.O	Rs./KL	62077.41	62077.41	67246.38	67246.38	67181.70	67181.70	79116.73	79116.73	65642.88	65642.88	75246.14	75246.14	68,771.26	68771.26	68979.85	68979.85	80690.57	80690.57	65987.16	65987.16	67093.32	67093.32	77229.20	77229.20	0.00	79382.46				
	Wtd. Avg. Oil price	Rs./KL	64952.13	64952.13	85656.21	85656.21	73083.17	73083.17	81280.19	81280.19	67445.61	67445.61	78820.00	78820.00	76382.17	76382.17	68979.85	68979.85	79887.67	79887.67	68240.61	68240.61	67093.32	67093.32	74079.07	74079.07	79755.92	79755.92				
	Biomass Pallets	Rs./MT	0.00	0.00	8848.35	8848.35	0.00	0.00																								
3	**Fuel Consumption and Heat Contribution (for each fuel separately)**																															
3.1	Specific Fuel Consumption		0.97	0.95	0.81	0.78	0.74	0.71	0.98	0.84	0.82	0.73	0.94	0.90	0.84	0.85	0.71	0.71	0.79	0.76	0.75	0.74	0.75	0.74	0.93	0.88	0.80	0.6751				
3.1.1	Domestic Coal	kg/kWh	0.93	0.91	0.77	0.74	0.74	0.71	0.90	0.77	0.70	0.62	0.86	0.82	0.83	0.84	0.65	0.65	0.79	0.76	0.75	0.74	0.75	0.74	0.88	0.83	0.49352	0.419	0.24	0.23	0.36	0.33
3.1.2	Imported Coal	kg/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.03	0.03	0.08	0.08	0.01	0.01	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
	Wash Coal	kg/kWh	0.04	0.04	0.04	0.04	0.00	0.00	0.06	0.05	0.09	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.04	0.30	0.26				
3.1.3	L.D.O	ml/kWh	0.22	0.25	0.32	0.20	0.04	0.07	0.23	0.09	0.18	0.08	0.43	0.28	0.58	0.36	0.00	0.00	0.49	0.14	0.19	0.06	0.00	0.00	0.49	0.36	0.97	0.50				
3.1.4	F.O	ml/kWh	1.02	1.15	0.47	0.30	0.28	0.43	2.66	1.11	0.93	0.42	1.11	0.72	1.02	0.64	0.04	0.50	1.23	0.36	1.38	0.44	0.53	0.50	3.37	2.45	0.00	0.00				
	Biomass Pallets	kg/kWh	0.00	0.00	0.0003	0.0003	0.0000	0.0000																								
3.2	Total Fuel Consumption																															
3.2.1	Domestic Coal	MT	99766.00	97482.34	365967.00	352315.50	293631.00	280859.39	345681.26	295038.00	207662.46	185003.52	245966.00	234446.81	773679.00	780775.08	414932.00	411396.96	179893.00	171754.32	211349.95	209076.14	107323.47	106079.84	95516.00	90089.52	438608.00	371973.39	27085790.85	25792409.40	13425893.08	12213372.23
3.2.2	Imported Coal	MT	0.00	0.00	0.00	0.00	0.00	0.00	8000.00	7654.55	10238.34	10287.62	23746.00	22830.73	11999.00	12198.81	38801.00	38966.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
	Wash Coal	MT	4000.00	3908.44	21000.00	20216.65	0.00	0.00	21503.28	18421.27	25496.28	22634.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5027.00	4741.40	4741.40	268825.00	227984.32			
3.2.3	L.D.O	KL	24.00	27.03	152.00	96.33	17.00	26.38	87.00	36.14	53.42	23.98	124.00	80.29	540.21	336.93	0.00	0.00	110.78	32.23	53.40	17.00	0.00	0.00	53.100	38.63	858.580	444.37				
3.2.4	F.O	KL	109.00	122.74	224.00	141.95	110.00	170.69	1019.00	423.35	277.16	124.44	317.00	205.25	954.24	595.16	27.00	317.42	278.49	81.03	391.60	124.66	75.55	71.46	364.460	265.16	0.00	0.00				
	Biomass Pallets	MT	0.00	0.00	142.00	137.15	0.00	0.00																								
3.3	Coal + Bio Pallets Heat content		2966097.85		1129571.30		841173.87		1002700.41		703622.53		783684.27			2496683.22		1504726.91		546006.99		682842.67		344441.24		262648.39		1977844.87			
3.3.1	Domestic Coal	Million kcal	286328.42	285260.66	1092411.50	1067779.52	872084.07	841173.87	951314.83	910236.12	581454.89	584253.66	707152.25	679895.75	2400725.94	2440702.89	1319898.69	1325520.99	571879.85	546006.99	690268.94	682842.67	348479.31	344441.24	262669.00	249516.37	1324596.16	1226262.53	236919.41	225606.21	117369.16	106769.30
3.3.2	Imported Coal	Million kcal	0.00	0	0.00	0	0.00	0	37240.00	35631.9401	47659.47	47888.87628	107949.32	103788.5143	55063.41	55980.32837	178445.80	179205.9151	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0				
	Wash Coal	Million kcal	11480.00	11437.19	62685.00	61271.56	0.00	0.00	59397.19	56832.36	71137.58	71480.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13824.25	13132.03	811851.50	751582.34				
3.3.3	L.D.O	Million kcal	218.19	245.69	1381.87	875.73	154.55	239.82	791.31	328.76	485.88	218.16	1133.88	734.16	4948.52	3086.38	0.00	0.00	946.76	275.48	474.68	151.10	0.00	0.00	482.07	350.72	7794.60	4034.18				
3.3.4	**F.O**	**Million kcal**	1061.92	1195.78	2182.29	1382.97	1071.66	1662.92	9705.02	4032.02	2639.69	1185.19	3020.90	1955.98	9094.47	5672.20	257.33	3025.22	2714.69	789.89	3761.78	1197.47	725.75	686.41	3428.64	2494.47	0.00	0.00				
	Total Heat content	Million kcal	299088.53	298139.33	1159192.88	1131830.00	873310.28	843076.61	1058448.35	1007061.19	703377.52	705025.88	819256.34	786374.41	2469832.34	2505441.79	1498601.82	1507752.13	575541.29	547072.37	694505.39	684191.24	349205.05	345127.65	280403.95	265493.59	2144242.26	1981879.05	236919.41	225606.21	117369.16	106769.30
	Biomass Pallets		0.00	0.00	532.22	520.22	0.00	0.00																								
4	Total Fuel Cost																															
4.1	Domestic Coal	Rs. Crore	43.57620	46.20077	177.5639079	174.6952	132.49	129.0827962	100.97	91.64	59.42	56.36	129.45	124.38	321.05	330.22	162.47	164.29	77.5220	80.6935	118.90	118.8689	60.38	60.4781	29.87	30.11	163.76	142.19709	74.15	70.61	36.73	33.42
4.2	Imported Coal	Rs. Crore	0.00000	0.00000	-	0.0000