

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 SEPTEMBER-2024 (R0)

(*Effective from 16.09.2024 to 15.10.2024)

Sr. no.	Generating Station	OWNER/TYP E	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 (LIQ)	CS	-	Gas	25.3536	0.0000	25.3536
2	GANDHAR (NAPM-COM GAS)	CS	-	Gas	12.2729	0.0000	12.2729
3	KAWAS (NAPM-COM GAS)	CS	-	Gas	12.2646	0.0000	12.2646
4	KAWAS (RLNG)	CS	-	Gas	11.2994	0.0000	11.2994
5	JGPS (RLNG)	CS	-	Gas	11.2434	0.0000	11.2434
6	Uran GTPS (Open cycle operation)	MSPGCL	-	Gas	7.2990	0.0000	7.2990
7	GANDHAR (APM GAS)	CS	204	Gas	6.0136	0.0000	6.0136
8	KAWAS (APM GAS)	CS	200	Gas	5.9307	0.0000	5.9307
9	Nasik Unit - 03 to 05	MSPGCL	630	Coal	5.4570	0.0000	5.4570
10	Uran GTPS (Combined cycle operation)	MSPGCL	840	Gas	5.2330	0.0000	5.2330
11	Parali Unit - 06 & 07	MSPGCL	500	Coal	5.1840	0.0000	5.1840
12	Parali Unit -08	MSPGCL	250	Coal	5.1300	0.0000	5.1300
13	Bhusawal Unit - 03	MSPGCL	210	Coal	5.0310	0.0000	5.0310
14	Solapur STPS	CS	642	Coal	4.7010	0.0000	4.7010
15	Khargone	CS	85	Coal	4.4583	0.0000	4.4583
16	Chandrapur Unit - 03 to 07	MSPGCL	1920	Coal	4.3030	0.0000	4.3030
17	APML, Unit 2 & 3 (1320 MW PPA)	IPP	1320	Coal	1.7040	2.5611	4.2651
18	Bhusawal Unit - 04 & 05	MSPGCL	1000	Coal	4.2410	0.0000	4.2410
19	APML U-1,4 & 5 (440 MW PPA)	IPP	440	Coal	2.4138	1.7167	4.1305
20	Paras Unit - 03 & 04	MSPGCL	500	Coal	4.0890	0.0000	4.0890
21	APML, Unit 1,4 & 5 (1200 MW PPA)	IPP	1200	Coal	2.3538	1.7167	4.0705
22	APML, Unit 1,4 & 5 (125 MW PPA)	IPP	125	Coal	2.3538	1.7167	4.0705
23	JSW U1, Jaigad	IPP	300	Coal	3.8900	0.0000	3.8900
24	CGPL	CS	760	Coal	3.8804	0.0000	3.8804
25	Khaperkheda Unit - 01 to 04	MSPGCL	840	Coal	3.8610	0.0000	3.8610
26	Koradi Unit - 08 to 10	MSPGCL	1980	Coal	3.6990	0.0000	3.6990
27	Gadarwara	CS	46	Coal	3.6702	0.0000	3.6702
28	Chandrapur Unit - 08,09	MSPGCL	1000	Coal	3.6100	0.0000	3.6100
29	Koradi Unit - 06	MSPGCL	210	Coal	3.5230	0.0000	3.5230
30	IEPL TO MSEDCL	STOA	180	Coal	3.5070	0.0000	3.5070
31	MSTPS-I	CS	394	Coal	3.3417	0.0000	3.3417
32	MSTPS-II	CS	531	Coal	3.3075	0.0000	3.3075
33	Khaperkheda Unit - 05	MSPGCL	500	Coal	3.2930	0.0000	3.2930
34	RattanIndia Power Ltd, Amravati	IPP	1200	Coal	2.3873	0.6448	3.0321
35	SWPGPL TO MSEDCL	LTOA	240	Coal	2.5338	0.4476	2.9814
36	EMCO	CS	200	Coal	2.8440	0.0000	2.8440
37	KHTPS-II	CS	148	Coal	2.5527	0.0000	2.5527
38	VSTP-I	CS	432	Coal	2.0815	0.0000	2.0815
39	VSTPS-V	CS	161	Coal	1.9970	0.0000	1.9970
40	VSTP-II	CS	336	Coal	1.9678	0.0000	1.9678
41	VSTPS-III	CS	275	Coal	1.9434	0.0000	1.9434
42	VSTP-IV	CS	294	Coal	1.9280	0.0000	1.9280
43	SSTPS-II	CS	274	Coal	1.8144	0.0000	1.8144
44	SSTPS-I	CS	556	Coal	1.7646	0.0000	1.7646
45	KSTPS I AND II	CS	635	Coal	1.7043	0.0000	1.7043
46	KSTPS-III	CS	120	Coal	1.6542	0.0000	1.6542
47	Lara	CS	114	Coal	1.4068	0.0000	1.4068
DECENTRALISED MOD STACK FOR AEML							
1	ADTPS U-1 & 2	DTPS	500	Coal	5.4147	0.0000	5.4147
DECENTRALISED MOD STACK FOR TPCL-D							
1	TPC U-7 (RLNG)-NAPM	TATA	xxx	Gas	11.2980	0.0000	11.2980
2	TPC U-5	TATA	500	Coal/Oil/Gas	5.6190	0.0000	5.6190
3	TPC U-8	TATA	250	Coal	5.3700	0.0000	5.3700
4	TPC U-7 (APM) *	TATA	180	Gas	5.0810	0.0000	5.0810
DECENTRALISED MOD STACK FOR BEST							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	11.2980	0.0000	11.2980
2	TPC U-5	TATA	500	Coal/Oil/Gas	5.6190	0.0000	5.6190
3	TPC U-8	TATA	250	Coal	5.3700	0.0000	5.3700
4	TPC U-7 (APM) *	TATA	180	Gas	5.0810	0.0000	5.0810
5	SWPGL TO BEST	MTOA	100	Coal	2.2700	0.0000	2.2700

NOTE-

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

2) *R0 updated on mahasidc.in website on dated 15.09.2024 .

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

4) Hydro generation is not considered for MOD.

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

MAHARASHTRA STATE POWER GENERATION CO. LTD.

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Email: rcgen@mahagenco.in

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



Energy Bill No: 072/2024

Bill Date: 01-09-2024

Due date: 30-09-2024

Energy Bill of MAHAGENCO for the Month of August-2024 (From 01.08.2024 (00.00Hrs) to 31.08.2024(24:00Hrs))

THERMAL & GAS STATIONS

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)	74.958659	4.461	3343.90578	1481.92677	4825.83255	160.49866	1321.42811	4665.33389
2	BHUSAWAL (Unit 4-5)	434.888057	3.746	16290.90662	8713.29190	25004.19852	722.135170	7991.15673	24282.06335
3	KHAPARKHEDA (Unit 1- 4)	330.817997	4.218	13953.90311	5344.75006	19298.65317	518.58004	4826.17002	18780.07313
4	KHAPARKHEDA U # 5	268.505110	4.019	10791.22037	4822.59231	15613.81268	0.00000	4822.59231	15613.81268
5	NASHIK (Unit 3-5)	181.688295	4.641	8432.15377	4104.28997	12536.44374	7.18402	4097.10595	12529.25972
6	CHANDRAPUR (Unit 3-7)	646.941400	4.097	26505.18916	9452.65463	35957.84379	1813.40771	7639.24692	34144.43608
7	CHANDRAPUR (Unit- 8 & 9)	401.729957	3.442	13827.54512	10235.54230	24063.08742	2351.42887	7884.11343	21711.65855
8	PARAS (Unit 3- 4)	175.893807	3.510	6173.87263	4688.60884	10862.48147	1401.13042	3287.47842	9461.35105
9	PARLI (Unit 6- 7)	114.354026	5.096	5827.48116	4018.80666	9846.28782	1228.51759	2790.28907	8617.77023
10	PARLI (Unit 8)	87.227993	5.052	4406.75821	3205.51204	7612.27025	84.93527	3120.57677	7527.33498
11	KORADI (Unit 6)	75.612910	3.368	2546.64281	2568.81829	5115.46110	91.22781	2477.59048	5024.23329
12	KORADI (Unit- 8,9 & 10)	817.835031	3.119	25508.27462	16420.98683	41929.26145	1991.42163	14429.56520	39937.83982
13	GTPS URAN (Unit 5 -10)	193.041472	6.760	13049.60351	1062.58224	14112.18575	-1296.03798	2358.62022	15408.22373
	TOTAL THERMAL	3803.494714		150657.45687	76120.36284	226777.81971	9074.42921	67045.93363	217703.39050

ENERGY BILL FOR SUPPLY OF ENERGY FROM MAHAGENCO's THERMAL & GAS POWER STATIONS TO MAHAVITARAN FOR THE MONTH OF August 2024

217703.39050

Bill amount in words Rs. Two Thousand One Hundred Seventy Seven Crores Three Lakhs Thirty nine Thousand and Fifty Only. (E & OE).

Chief Engineer,
Regulatory & Commercial Dept.

PH: 26472211, 26472131 FAX: 91-22-26580643 Email: rcgen@mahagenco.in		MAHARASHTRA STATE POWER GENERATION CO. LTD. Regulatory & Commercial Dept. Prakashgad, 3rd Floor, Bandra (E) Mumbai 400 051
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Email: rcgen@mahagenco.in

Bandra (E) Mumbai 400 051

Calculation for Cummulative AVF Based AFC Disallowance upto August 2024

Month no. in the season: 3

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. 073/ 2024		Bill Date: 01-09-2024		Due date: 30-09-2024				
Energy Bill of MAHAGENCO for the Month of Aug-2024 [From 01-08-2024 (00.00 Hrs) to 31-08-2024 (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)	Approved Monthly Fixed Charges (Rs. In Lakhs)	Actual PAFM for the month	Monthly AFC as per actual PAFM	BILL AMOUNT (Rs. Lakhs)
a	b	c	d	e = (c*d)*10	f	g	h	i = e + h
KOYNA HPS								
1	KGSC Stage I &II	82.272680	0.229	188.404437	183.08522	90.16	184.129390	372.53383
2	KGSC Stage III	49.789140	0.229	114.017131	97.64545	100.00	108.918520	222.93565
3	KGSC Stage IV	107.527912	0.229	246.238918	305.14203	100.00	340.370360	586.60928
4	KDPH	10.249410	0.229	23.471149	10.98511	100.00	12.253330	35.72448
5	Total KGSC	249.839142		572.131635	596.85781		645.671600	1217.80324
BHIRA TR HPS								
6	Bhira HPS U # 1 & 2	9.780366	0.554	54.183228	32.115210	68.13	24.311500	78.49473
7	Bhira Total	9.780366		54.183228	32.115210	68.13	24.311500	78.49473
TILLARI HPS								
8	Tillari HPS U # 1	18.479296	0.812	150.051884	70.903690	100.00	78.781880	228.83376
9	Tillari Total	18.479296		150.051884	70.903690	100.00	78.781880	228.83376
10	Total for High Capacity Hydro P.S.	278.098804		776.366746	699.87671		748.76498	1525.13173
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 HPS	3.047090	0.00000	0.00000	147.28152			147.28152
12	Ghatghar PSS	10.642480	0.00000	0.00000	613.67301			613.67301
13	Total Mahagenco's Hydro (Including Ghatghar PSS)	291.788374					2286.08626	
III. BILLSUMMARY								
14	TOTAL ENERGY BILL AMOUNT IN RS. CR. FOR MSPGCL'S LARGE HYDRO STATIONS FOR THE MONTH OF August-2024						22.8608626	
#NAME?								
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		 MAHAGENCO Maharashtra State Power Generation Co. Ltd.
Bill No. 075/2024		Bill Date: 01-09-2024		Due date 30-09-2024
Energy Bill of MAHAGENCO for the Month of Aug-2024 [From 01-08-2024 (00.00 Hrs) to 31-08-2024 (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	-0.007067	55.23057104
2	Paithan	1 X 12	-0.004768	29.45630455
VAITARNA DIVISION				
4	Vaitarna Dam Toe	1 X 1.5	0.011796	3.682038069
5	Bhatsa	1 X 15	5.076076	36.82038069
6	Surya	1 X 6	0.563010	14.72815228
BHATGHAR DIVISION				
8	Bhatghar	1X 16	8.066700	39.27507274
9	Kanher	1 X 4	0.650100	9.818768185
10	Dhom	2 X 1	0.381880	4.909384092
11	Ujjani	1 X 12	8.197336	29.45630455
12	Warana	2 X 8	5.897036	39.27507274
PANSHET DIVISION				
13	Panshet	1 X 8	4.269547	19.63753637
14	Varasgaon	1 X 8	3.089847	19.63753637
15	Pawana	1 X 10	3.402408	24.54692046
16	Manikdoh	1 X 6	-0.008621	14.72815228
17	Dimbhe	1 X 5	-0.003115	12.27346023
BHIRA DIVISION				
18	Dudhganga	2 X 12	6.174205	58.91260911
19	Terwanmedhe	1 X 0.2	0.034700	0.49093841
20	Radhanagari	4 X 1.2	-0.000203	11.78252182
TOTAL			45.7908670	424.66172
III. BILL SUMMARY				
21	TOTAL ENERGY BILL IN RS CRORE AMOUNT FOR MAHAGENCO'S SMALL HYDRO STATIONS FOR THE MONTH OF		Aug-24	4.2466172
Amount in words (Rupees Four Crore Twenty Four Lakh Sixty Six Thousand One Hundred Seventy Two and Paise Zero Only)				
Chief Engineer (RCD)				



MAHARASHTRA STATE POWER GENERATION CO. LTD.

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Email – rcgen@mahagenco.in

Bandra (East) , Mumbai 400051

INVOICE (HYDRO-LEASE)

To,

Payment Information

Chief Engineer (Power Purchase)

Customer No.

10000

MSEDCL, 5th Floor, Prakashgad

Bill Doc. No.

074/ 2024

Bandra (East), Mumbai 400051

Billing Date

01-09-2024

Condition

Payment Due Date : 30-09-2024

Bill for Large Hydro Power stations' Lease Rent for the month of

Aug-24

Sr. No.	Power Station	Yearly (Rs. Cr)	Lease Amount Rs.
1	Koyna Stage I & II	10.030	8358333.33
2	Koyna Stage III	0.000	Nil
3	Koyna Stage IV	240.240	200200000.00
4	Koyna Dam Foot PH	0.000	Nil
5	Bhira	0.000	Nil
6	TILLARI	0.000	Nil
7	VAITARNA	0.000	Nil
8	GHATGHAR	171.950	143291666.67
Total in Rs.		422.220	351850000.00
GST on lease rent 18%		75.9996	63333000.00
TOTAL Lease Rent Bill Amt in Rs. Cr.		498.220	41.5183

Invoice Amount towards Lease Rent of MAHAGENCO's Large Hydro Power Stations is Rs. 41.5183 Cr. in words (Rupees Forty One Crore Fifty One Lakh Eighty Three Thousand and Paise Zero Only) (E & OE).

Note:-

Lease rent as approved by MERC (Orders in Case no. 5 of 2012 dated 27-04-2012 and Case no. 2 of 2012 dated 27-12-2012 and Case no 227 of 2022) and PPA dated 01.04.2009

Chief Engineer (RCD)

MAHAGENCO



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Prakashgad, 3rd Floor,

Bandra (East) , Mumbai 400051

INVOICE (HYDRO-LEASE)

To,

Chief Engineer (Power Purchase)

MSEDCL, 5th Floor, Prakashgad

Bandra (East), Mumbai 400051

Payment Information

Customer No. 10035

Bill Doc. No. 076/ 2024

Billing Date 01-09-2024

Condition

Payment Due Date : 30-09-2024

Bill for Small Hydro Power stations' Lease Rent for the month of Aug-24

Sr. No.	Power Station	Lease Amount Rs.
1	BHATGHAR	Nil
2	BHATSA	-3891666.67
3	DHOM	-6883333.33
4	DIMBHE	2783333.33
5	DUDHGANGA	9733333.33
6	KANHER	-6033333.33
7	MANIKDOH	3525000.00
8	PAITHAN	Nil
9	PANSHET & VARASGAON	-1675000.00
10	PAWNA	0.00
11	RADHANAGARI	Nil
12	SURYA	4775000.00
13	TERWANMEDHE	400000.00
14	UJANI	8666666.67
15	VAITARNA DT	Nil
16	WARNA	6475000.00
17	YELDARI	Nil
Total in Rs.		17875000.00
GST on lease rent 18%		3217500.00
TOTAL Lease Rent Bill Amt in Rs. Cr.		2.10925000

Invoice Amount in Words towards Lease Rent of MAHAGENCO's Small Hydro Power Stations is Rs. 2.1092500 Crore. In words (Rupees Two Crore Ten Lakhs Ninety Two Thousand Five Hundred Only.) (E & OE)

Note:-

Lease rent as approved by MERC (Orders in Case no. 5 of 2012 dated 27-04-2012 and Case no. 2 of 2012 dated 27-12-2012 and Case no 227 of 2022) and PPA dated 01.04.2009

Chief Engineer (RCD)
MAHAGENCO

MAHARASHTRA STATE POWER GENERATION CO. LTD.

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

Bill No 87/2024

Date: 13-09-2024

Due date:

12-10-2024

Provisional Part-I Fuel Surcharge Adjustment bill for the Month of August-2024**THERMAL & GAS STATIONS**

SR. NO.	POWER STATION	ECR Considered for FAC (Rs/Kwh)	Calculated VC (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)	4.461	5.031	0.570	74.958659	427.26436
2	BHUSAWAL (Unit 4-5)	3.746	4.241	0.495	434.888057	2152.69588
3	KHAPARKHEDA (Unit 1- 4)	4.218	3.861	-0.357	330.817997	-1181.02025
4	KHAPARKHEDA Unit 5	4.019	3.293	-0.726	268.505110	-1949.34710
5	NASHIK (Unit 3-5)	4.641	5.457	0.816	181.688295	1482.57649
6	CHANDRAPUR (Unit 3-7)	4.097	4.303	0.206	646.941400	1332.69928
7	CHANDRAPUR (Unit- 8 & 9)	3.442	3.610	0.168	401.729957	674.90633
8	PARAS (Unit 3- 4)	3.510	4.089	0.579	175.893807	1018.42514
9	PARALI (UNIT 6-7)	5.096	5.1840	0.088	114.354026	100.63154
10	PARALI (UNIT 8)	5.052	5.1300	0.078	87.227993	68.03783
11	KORADI (Unit 6)	3.368	3.523	0.155	75.612910	117.20001
12	KORADI (Unit-8,9 & 10)	3.119	3.6990	0.580	817.835031	4743.44318
13	GTPS URAN (Combine cycle)	6.760	5.233	-1.527	185.960750	-2839.62065
14	GTPS URAN (Open cycle)	6.760	7.299	0.539	7.080722	38.16509
TOTAL MSPGCL FAC BILL					3803.494714	6186.05713

The provisional Part-I Fuel Surcharge Adjustment bill, for MSPGCL stations, to MSEDCL for the month of Aug-24 is Rs.61,86,05,713/- (in words, Rs. Sixty One crores Eighty Six lakhs Five Thousand Seven Hundred Thirteen Only)

Chief Engineer,
Regulatory & Commercial Dept.

S. No.	Particulars	Units	Bhawal	Bhawal	Bhawal 4 & 5	Bhawal 4 & 5	Khopradia 1,10 & 4	Khopradia 1,10 & 4	Khopradia 5	Khopradia 4 & 5	Nashik	Nashik	Chandrapur 3,10 & 7	Chandrapur 3,10 & 7	Chandrapur 8 & 9	Chandrapur 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 & 10	Koradi Units 8 & 10	URAN combined cycle	URAN	URAN Open cycle	URAN		
1	Operational parameters																															
1.1	Unit Capacity	MW	210	210	1000	1000	480	480	500	500	600	600	1500	1500	1000	1000	500	500	300	300	230	230	190	190	190	190	190	672	672	672	672	
1.2	Availability	%	62.89%	62.89%	77.58%	77.58%	66.72%	66.72%	85.06%	85.06%	72.66%	72.66%	84.93%	84.93%	68.37%	68.37%	63.37%	58%	58.37%	44.20%	44.20%	44.20%	68.37%	68.37%	55.57%	55.57%	62.70%	56.98%	56.98%	56.98%	56.98%	
1.3	PLI	%	51.90%	51.90%	62.35%	62.35%	58.73%	58.73%	77.10%	77.10%	42.99%	42.99%	49.39%	49.39%	57.57%	57.57%	52%	52.21%	33.93%	33.93%	51.55%	51.55%	54.26%	54.26%	59.22%	59.22%	40.03%	40.03%	40.03%	40.03%	40.03%	
1.40	Auxiliary Generation	kcal/h	86.10	86.11	471.73	471.73	376.29	376.29	280.49	280.49	201.49	201.49	715.58	715.58	426.61	426.61	198.30	198.30	128.20	128.20	99.30	99.30	84.94	84.94	881.51	881.51	196.36	196.36	8.32	8.32	8.32	
1.50	Auxiliary Consumption excluding FGD	kcal/h	14.54%	10.96%	6.23%	6.23%	12.24%	9.70%	7.27%	6.00%	14.30%	10.73%	12.12%	7.80%	7.39%	6.00%	12.14%	9.30%	13.31%	13.31%	8.50%	14.52%	10.81%	6.00%	2.93%	1.00%	6.00%	6.00%	0.91%	1.00%	0.91%	
1.60	Auxiliary Consumption excluding FGD	MU	12.2570	9.24	35.30	28.39	46.06	36.50	21.00	17.35	29.00	21.66	86.76	55.82	31.54	25.60	24.06	18.44	17.06	11.92	12.71	8.41	12.33	9.18	47.41	52.89	5.58	7.90	0.08	0.08	0.08	
1.70	Auxiliary Consumption for FGD	kcal/h	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.90	Total Auxiliary Consumption	kcal/h	14.54%	10.96%	7.24%	6.00%	12.24%	9.70%	7.27%	6.00%	14.30%	10.73%	12.12%	7.80%	7.39%	6.00%	12.17%	9.30%	13.31%	13.31%	8.50%	14.52%	10.81%	7.67%	2.93%	1.00%	6.00%	6.00%	2.93%	3.10%	0.91%	1.00%
1.100	Total Auxiliary Consumption (+1.6 + 1.8)	kcal/h	12.28	9.24	471.73	376.29	480.49	380.49	280.49	210.49	172.35	121.35	280.49	201.49	86.76	55.82	31.54	24.14	18.44	17.06	11.92	12.71	8.41	9.18	47.41	52.89	5.58	7.90	0.08	0.08	0.08	0.08
1.11	Net Generation (+1.4 - 1.10)	MU	72.05	75.07	437.78	444.78	339.78	339.78	248.08	271.74	172.50	179.83	628.82	659.76	393.07	401.01	174.16	179.86	111.14	116.27	86.47	90.75	72.605	75.75	814.10	824.62	184.78	184.45	8.24	8.235	8.24	8.235
1.12	Net Generation (+1.4 - 1.10)	kcal/h	2991.79	2787.80	2071.63	2175.00	2086.72	2030.00	2336.47	2372.00	2914.60	2754.00	2018.29	2088.00	2469.54	2375.00	2353.36	2430.00	2480.33	2430.00	2491.54	2430.00	2491.54	2430.00	2575.54	2530.00	2363.26	2230.00	2070.62	2035.00	3403.04	2900.00
1.13	Secondary Fuel Oil Consumption	m3/kWh	14.52	1.40	0.57	0.56	1.24	0.96	0.90	1.12	1.30	1.00	1.23	1.00	1.65	1.50	3.41	0.90	3.68	0.90	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%
1.14	Thermal Loss for Domestic Coal	%	0.806%	0.806%	0.817%	0.806%	1.346%	0.806%	1.541%	0.806%	0.160%	0.806%	0.328%	0.806%	0.389%	0.806%	0.785%	0.806%	0.811%	0.806%	0.699%	0.811%	0.806%	0.699%	0.811%	0.806%	0.699%	0.811%	0.806%	0.699%	0.811%	0.806%
1.15	Thermal Loss for washed Coal	%	0%	0%	0%	0%	1.46%	0.80%	1.46%	0.80%	0%	0%	0%	0%	0.00%	0.00%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	SHR coal component		2849.40	2773.27	2465.99	2370.10	2776.15	2618.67	2536.47	2370.28	2808.24	2744.53	2758.56	2678.52	2453.95	2370.26	2503.21	2425.29	2433.90	2425.27	2456.72	2425.27	2456.72	2425.27	2506.06	2323.04	2355.88	2225.20				
2	Fuel parameters (for each primary and secondary fuel)																															
2.1	Calorific Value																															
2.1.1	Domestic Coal (As Bilbed)	kcal/kg	3870.00	3870	3895	3895	3791	3791	3791	3791	3791	3791	3871	3871	4007	4007	3991	3991	4018	4018	3904	3904	3918	3918	3918.00	3918.00	3918.00	3918.00	3918.00	3918.00	3918.00	3918.00
2.1.2	Imported Coal (As Bilbed)	kcal/kg	4750.00	4750	4759	4759	4642	4642	4642	4642	4607	4607	4693	4693	4693	4678	4678	4678	4678	4678	4678	4678	4678	4678	4678	4678	4678	4678	4678	4678	4678	4678
2.1.3	Wash Coal (As Bilbed)	kcal/kg	0.00	0.00	0.00	0.00	3218.00	3218.00	3218.00	3218.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Domestic Coal (As Received)- Actual	kcal/kg	3185.00	3185.00	3132.00	3132.00	3007.00	3007.00	3007.00	3007.00	3258.00	3258.00	3212.00	3212.00	3185.00	3185.00	3405.00	3405.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00
	GCV loss between loading end and unloading end-Domestic Actual	kcal/kg	685.00	685.00	763.00	763.00	784.00	784.00	784.00	784.00	613.00	613.00	795.00	795.00	896.00	896.00	613.00	613.00	639.00	639.00	651.00	651.00	651.00	651.00	1000.00	1000.00	781.00	781.00	781.00	781.00	781.00	
	GCV loss between loading end and unloading end as per directives in MERC Order in Case No-227 of 2022	kcal/kg	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00
	GCV loss between loading end and unloading end as per directives in MERC Order in Case No-227 of 2022	kcal/kg	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00	650.00
	Domestic coal As received GCV for FAC computation	kcal/kg	3220.00	3220.00	3245.00	3245.00	3141.00	3141.00	3141.00	3141.00	3258.00	3258.00	3357.00	3357.00	3341.00	3341.00	3405.00	3405.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00
	Wash Coal (As Received)	kcal/kg	0.00	0.00	0.00	0.00	3218.00	3218.00	3218.00	3218.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GCV loss between loading end and unloading end-Wash Coal Actual	kcal/kg	0.00	0.00	0.00	0.00	36.00	36.00	36.00	36.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GCV loss between loading end and unloading end for Wash Coal - per Case No. 296 of 2019 (Min. of Actual or 200)	kcal/kg	0.00	0.00	0.00	0.00	36.00	36.00	36.00	36.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.1.4	Imported Coal (As Received)	kcal/kg	4750.00	4750	4759	4759	4642	4642	4642	4642	4607	4607	4693	4693	4693	4678	4678	4678	4678	4678	4678	4678	4678	4678	4678	4678	4678	4678	4678	4678	4678	4678
	Weighted avg. received GCV - Raw coal + Washed coal - Actual	kcal/kg	3185.00	3185.00	3132.00	3132.00	3017.83	3017.83	3017.83	3017.83	3258.00	3258.00	3212.00	3212.00	3185.00	3185.00	3405.00	3405.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00
	Weighted avg. received GCV - Imported Coal - Actual	kcal/kg	4750.00	4750.00	4759.00	4759.00	4642.00	4642.00	4642.00	4642.00	4607.00	4607.00	4693.00	4693.00	4693.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00
	Weighted Avg Raw + Wash Coal for FAC computation	kcal/kg	3220.00	3220.00	3245.00	3245.00	3141.89	3141.89	3141.89	3141.89	3258.00	3258.00	3357.00	3357.00	3341.00	3341.00	3405.00	3405.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00	3265.00
	Weighted Avg Imported Coal for FAC computation	kcal/kg	4750.00	4750.00	4759.00	4759.00	4642.00	4642.00	4642.00	4642.00	4607.00	4607.00	4693.00	4693.00	4693.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00	4678.00
2.1.5	L.D.O	kcal/kg	11267.00	11267.00	11267.00	11267.00	10765.00	10765.00	10765.00	10765.00	10832.00	10832.00	10724.00	10724.00	10724.00	10724.00	10795.00	10795.00	10832.00	10832.00	10832.00	10832.00	10832.00	10832.00	10832.00	10832.00	10832.00	10832.00	10832.00	10832.00	10832.00	10832.00
2.1.6	F.O	kcal/kg	10664.00	10664.00	10664.00	10664.00	10189.00	10189.00	10189.00	10189.00	10209.00	10209.00	10246.00	10246.00	10246.00	10246.00	10311.00	10311.00	10296.00	10296.00	10296.00	10296.00	10296.00	10296.00	10296.00	10296.00	10296.00	10296.00	10296.00	10296.00	10296.00	10296.00
2.1.7	Fuel 4	kcal/kg								</																						