

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 NOVEMBER-2024 (R0)

(*Effective from 16.11.2024 to 15.12.2024)

Sr. no.	Generating Station	OWNER/TY PE	Installed Capacity/ Share in ISGS (MW)	Type of Fuel	Variable Charge Rs./KWh in Descending		
1	2	3	4	5	6	7	8
DECENTRALISED MOD STACK FOR MSEDC							
1	KAWAS (LIQ)	CS	-	Gas	23.8322	0.0000	23.8322
2	GANDHAR (NAPM-COM GAS)	CS	-	Gas	11.2489	0.0000	11.2489
3	KAWAS (NAPM-COM GAS)	CS	-	Gas	10.9953	0.0000	10.9953
4	KAWAS (RLNG)	CS	-	Gas	10.7758	0.0000	10.7758
5	JGPS (RLNG)	CS	-	Gas	10.7230	0.0000	10.7230
6	Uran GTPS (Open cycle operation)	MSPGCL	-	Gas	7.3180	0.0000	7.3180
7	KAWAS (APM GAS)	CS	200	Gas	5.9216	0.0000	5.9216
8	GANDHAR (APM GAS)	CS	204	Gas	5.8905	0.0000	5.8905
9	Jindal Power Limited, Shirpur, Dhule	STOA	73	Coal	5.6500	0.0000	5.6500
10	Nasik Unit - 03 to 05	MSPGCL	630	Coal	5.4900	0.0000	5.4900
11	Uran GTPS (Combined cycle operation)	MSPGCL	840	Gas	5.2460	0.0000	5.2460
12	Parali Unit -08	MSPGCL	250	Coal	5.2310	0.0000	5.2310
13	Parali Unit - 06 & 07	MSPGCL	500	Coal	5.2230	0.0000	5.2230
14	Bhusawal Unit - 03	MSPGCL	210	Coal	5.0810	0.0000	5.0810
15	Solapur STPS	CS	642	Coal	4.7662	0.0000	4.7662
16	Bhusawal Unit - 04 & 05	MSPGCL	1000	Coal	4.4290	0.0000	4.4290
17	Chandrapur Unit - 03 to 07	MSPGCL	1920	Coal	4.2850	0.0000	4.2850
18	Khargone	CS	85	Coal	4.2031	0.0000	4.2031
19	Paras Unit - 03 & 04	MSPGCL	500	Coal	4.1200	0.0000	4.1200
20	APML U-1,4 & 5 (440 MW PPA)	IPP	440	Coal	2.4209	1.6724	4.0933
21	MSTPS-I	CS	394	Coal	4.0757	0.0000	4.0757
22	MSTPS-II	CS	531	Coal	4.0602	0.0000	4.0602
23	APML, Unit 1,4 & 5 (1200 MW PPA)	IPP	1200	Coal	2.3609	1.6724	4.0333
24	APML, Unit 1,4 & 5 (125 MW PPA)	IPP	125	Coal	2.3609	1.6724	4.0333
25	Gadarwara	CS	46	Coal	3.8629	0.0000	3.8629
26	JSW U1, Jaigad	IPP	300	Coal	3.8500	0.0000	3.8500
27	CGPL	CS	760	Coal	3.8334	0.0000	3.8334
28	APML, Unit 2 & 3 (1320 MW PPA)	IPP	1320	Coal	1.7040	1.9890	3.6930
29	Chandrapur Unit - 08,09	MSPGCL	1000	Coal	3.6020	0.0000	3.6020
30	IEPL TO MSEDC	STOA	180	Coal	3.5070	0.0000	3.5070
31	Khaperkheda Unit - 01 to 04	MSPGCL	840	Coal	3.4610	0.0000	3.4610
32	Koradi Unit - 06	MSPGCL	210	Coal	3.3020	0.0000	3.3020
33	Koradi Unit - 08 to 10	MSPGCL	1980	Coal	3.2640	0.0000	3.2640
34	Khaperkheda Unit - 05	MSPGCL	500	Coal	3.0950	0.0000	3.0950
35	RattanIndia Power Ltd, Amravati	IPP	1200	Coal	2.3962	0.5826	2.9788
36	EMCO	CS	200	Coal	2.9671	0.0000	2.9671
37	SWPGPL TO MSEDC	LTOA	240	Coal	2.5409	0.4113	2.9522
38	KHTPS-II	CS	148	Coal	2.6481	0.0000	2.6481
39	SSTPS-II	CS	274	Coal	2.1599	0.0000	2.1599
40	VSTP-I	CS	432	Coal	2.1488	0.0000	2.1488
41	SSTPS-I	CS	556	Coal	2.0987	0.0000	2.0987
42	VSTPS-V	CS	161	Coal	2.0604	0.0000	2.0604
43	VSTP-II	CS	336	Coal	2.0330	0.0000	2.0330
44	VSTPS-III	CS	275	Coal	2.0106	0.0000	2.0106
45	VSTP-IV	CS	294	Coal	1.9932	0.0000	1.9932
46	KSTPS I AND II	CS	635	Coal	1.5877	0.0000	1.5877
47	KSTPS-III	CS	120	Coal	1.5387	0.0000	1.5387
48	Lara	CS	114	Coal	1.3868	0.0000	1.3868
DECENTRALISED MOD STACK FOR AEML							
1	ADTPS U-1 & 2	DTPS	500	Coal	4.7069	0.0000	4.7069
DECENTRALISED MOD STACK FOR TPCL-D							
1	TPC U-7 (RLNG)-NAPM	TATA	xxx	Gas	11.8500	0.0000	11.8500
2	TPC U-8	TATA	250	Coal	5.7080	0.0000	5.7080
3	TPC U-5	TATA	500	Coal/Oil/Gas	5.6320	0.0000	5.6320
4	TPC U-7 (APM) *	TATA	180	Gas	5.0930	0.0000	5.0930
DECENTRALISED MOD STACK FOR BEST							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	11.8500	0.0000	11.8500
2	TPC U-8	TATA	250	Coal	5.7080	0.0000	5.7080
3	TPC U-5	TATA	500	Coal/Oil/Gas	5.6320	0.0000	5.6320
4	TPC U-7 (APM) *	TATA	180	Gas	5.0930	0.0000	5.0930
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 15.11.2024 .

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.

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: 108/2024

Bill Date: 01-11-2024

Due date: 30-11-2024

Energy Bill of MAHAGENCO for the Month of October-2024 (From 01.10.2024 (00.00Hrs) to 31.10.2024(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)	60.812300	4.461	2712.83670	1481.92677	4194.76347	92.70643	1389.22034	4102.05704
2	BHUSAWAL (Unit 4-5)	457.367396	3.746	17132.98265	8713.29190	25846.27455	-173.640290	8886.93219	26019.91484
3	KHAPARKHEDA (Unit 1- 4)	412.021824	4.218	17379.08054	5344.75006	22723.83060	-300.06578	5644.81584	23023.89638
4	KHAPARKHEDA U # 5	285.086212	4.019	11457.61486	4822.59231	16280.20717	0.00000	4822.59231	16280.20717
5	NASHIK (Unit 3-5)	181.092524	4.641	8404.50404	4104.28997	12508.79401	-62.58081	4166.87078	12571.37482
6	CHANDRAPUR (Unit 3-7)	747.108620	4.097	30609.04016	9452.65463	40061.69479	222.34866	9230.30597	39839.34613
7	CHANDRAPUR (Unit- 8 & 9)	375.651625	3.442	12929.92893	10235.54230	23165.47123	3033.63857	7201.90373	20131.83266
8	PARAS (Unit 3- 4)	244.354849	3.510	8576.85520	4688.60884	13265.46404	-109.49818	4798.10702	13374.96222
9	PARLI (Unit 6- 7)	176.731122	5.096	9006.21798	4018.80666	13025.02464	-300.79130	4319.59796	13325.81594
10	PARLI (Unit 8)	102.291837	5.052	5167.78361	3205.51204	8373.29565	-46.20762	3251.71966	8419.50327
11	KORADI (Unit 6)	93.220132	3.368	3139.65405	2568.81829	5708.47234	24.80658	2544.01171	5683.66576
12	KORADI (Unit- 8,9 & 10)	953.316747	3.119	29733.94934	16420.98683	46154.93617	-802.66819	17223.65502	46957.60436
13	GTPS URAN (Unit 5 -10)	196.267250	6.760	13267.66610	1062.58224	14330.24834	-1296.03798	2358.62022	15626.28632
	TOTAL THERMAL	4285.322438		169518.11416	76120.36284	245638.47700	282.01009	75838.35275	245356.46691

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

245356.46691

Bill amount in words Rs. Two Thousand Four Hundred fifty three Crores fifty six lakhs forty six thousand six hundred ninety one 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
---	--	---

Email: rcgen@mahagenco.in

Bandra (E) Mumbai 400 051

Calculation for Cummulative AVF Based AFC Disallowance upto October 2024

Month no. in the season: 5

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. 109/ 2024		Bill Date: 01-11-2024		Due date: 30-11-2024				
Energy Bill of MAHAGENCO for the Month of Oct-2024 [From 01-10-2024 (00.00 Hrs) to 31-10-2024 (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	58.816677	0.229	134.690190	183.08522	84.95	173.479090	308.16928
2	KGSC Stage III	22.371600	0.229	51.230964	97.64545	100.00	108.918520	160.14948
3	KGSC Stage IV	36.064648	0.229	82.588044	305.14203	100.00	340.370360	422.95840
4	KDPH	9.283060	0.229	21.258207	10.98511	69.35	8.498280	29.75649
5	Total KGSC	126.535985		289.767406	596.85781		631.266250	921.03366
BHIRA TR HPS								
6	Bhira HPS U # 1 & 2	9.030765	0.554	50.030438	32.115210	48.702156	17.378670	67.40911
7	Bhira Total	9.030765		50.030438	32.115210	48.70	17.378670	67.40911
TILLARI HPS								
8	Tillari HPS U # 1	7.415602	0.812	60.214688	70.903690	100.00	78.781880	138.99657
9	Tillari Total	7.415602		60.214688	70.903690	100.00	78.781880	138.99657
10	Total for High Capacity Hydro P.S.	142.982352		400.012532	699.87671		727.42680	1127.43933
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	-0.073722	0.00000	0.00000	147.28152			147.28152
12	Ghatghar PSS	9.459060	0.00000	0.00000	613.67301			613.67301
13	Total Mahagenco's Hydro (Including Ghatghar PSS)	152.367690						1888.39386
III. BILL SUMMARY								
14	TOTAL ENERGY BILL AMOUNT IN RS. CR. FOR MSPGCL'S LARGE HYDRO STATIONS FOR THE MONTH OF						October-2024	18.8839386
#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. 111/2024		Bill Date: 01-11-2024		Due date 30-11-2024	
Energy Bill of MAHAGENCO for the Month of Oct-2024 [From 01-10-2024 (00.00 Hrs) to 31-10-2024 (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	9.976690	55.23057104	
2	Paithan	1 X 12	-0.004845	29.45630455	
VAITARNA DIVISION					
4	Vaitarna Dam Toe	1 X 1.5	-0.002029	3.682038069	
5	Bhatsa	1 X 15	11.011708	36.82038069	
6	Surya	1 X 6	2.800416	14.72815228	
BHATGHAR DIVISION					
8	Bhatghar	1X 16	0.444907	39.27507274	
9	Kanher	1 X 4	0.964500	9.818768185	
10	Dhom	2 X 1	-0.006105	4.909384092	
11	Ujjani	1 X 12	6.701552	29.45630455	
12	Warana	2 X 8	3.281243	39.27507274	
PANSHET DIVISION					
13	Panshet	1 X 8	2.455403	19.63753637	
14	Varasgaon	1 X 8	0.816541	19.63753637	
15	Pawana	1 X 10	1.358803	24.54692046	
16	Manikdoh	1 X 6	-0.003711	14.72815228	
17	Dimbhe	1 X 5	0.039542	12.27346023	
BHIRA DIVISION					
18	Dudhganga	2 X 12	3.766334	58.91260911	
19	Terwanmedhe	1 X 0.2	0.004550	0.49093841	
20	Radhanagari	4 X 1.2	-0.000259	11.78252182	
TOTAL			43.6052400	424.66172	
III. BILL SUMMARY					
21	TOTAL ENERGY BILL IN RS CRORE AMOUNT FOR MAHAGENCO'S SMALL HYDRO STATIONS FOR THE MONTH OF			Oct-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.

PH : 26474211, 26472131

PH : 26474211, 26472131

Fax : +91-22-26580643

Prakashgad, 3rd Floor,

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.

110/ 2024

Bandra (East), Mumbai 400051

Billing Date

01-11-2024

Condition

Payment Due Date : 30-11-2024

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

Oct-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



MAHARASHTRA STATE POWER GENERATION CO. LTD.

PH : 26474211, 26472131

Fax : +91-22-26580643

Email – rcgen@mahagenco.in

PH : 26474211, 26472131

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. 112/ 2024

Billing Date 01-11-2024

Condition

Payment Due Date : 30-11-2024

Bill for Small Hydro Power stations' Lease Rent for the month of Oct-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.

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

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

Bill No	118/2024	Date:	12-11-2024	Due date:	11-12-2024
---------	----------	-------	------------	-----------	------------

Provisional Part-I Fuel Surcharge Adjustment bill for the Month of October-2024

THERMAL & GAS STATIONS

SR. NO.	POWER STATION	ECR Considered for Monthly Energy Bill (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	5.081	0.620	60.812300	377.03626
2	BHUSAWAL (Unit 4-5)	3.746	4.429	0.683	457.367396	3123.81931
3	KHAPARKHEDA (Unit 1- 4)	4.218	3.461	-0.757	412.021824	-3119.00521
4	KHAPARKHEDA Unit 5	4.019	3.095	-0.924	285.086212	-2634.19660
5	NASHIK (Unit 3-5)	4.641	5.490	0.849	181.092524	1537.47553
6	CHANDRAPUR (Unit 3-7)	4.097	4.285	0.188	747.108620	1404.56421
7	CHANDRAPUR (Unit- 8 & 9)	3.442	3.602	0.160	375.651625	601.04260
8	PARAS (Unit 3- 4)	3.510	4.120	0.610	244.354849	1490.56458
9	PARALI (UNIT 6-7)	5.096	5.223	0.127	176.731122	224.44852
10	PARALI (UNIT 8)	5.052	5.231	0.179	102.291837	183.10239
11	KORADI (Unit 6)	3.368	3.302	-0.066	93.220132	-61.52529
12	KORADI (Unit-8,9 & 10)	3.119	3.264	0.145	953.316747	1382.30928
13	GTPS URAN (Combine cycle)	6.760	5.246	-1.514	192.627000	-2916.37278
14	GTPS URAN (Open cycle)	6.760	7.318	0.558	3.640250	20.31260
TOTAL MSPGCL FAC BILL					4285.322438	1613.57540

The provisional Part-I Fuel Surcharge Adjustment bill, for MSPGCL stations, to MS&EDCL for the month of Oct-24 is Rs.161357540/- (in words, Rs.Sixteen Crore Thirteen Lakh Fifty Seven Thousand Five Hundred Forty Only)

Chief Engineer,
Regulatory & Commercial Dept.

S. No.	Particulars	Units	Bhusawal	Bhusawal	Bhusawal 4 & 5	Bhusawal 4 & 5	Khapershed 1 TO 4	Khapershed 1 TO 4	Khapershed 5	Khapershed a-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 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	Actual	Normative	Actual	Normative		
1.1	Total Capacity	MW	210	210	1900	1900	1900	1900	1900	1900	630.02	630.00	1920	1920	1900	1900	500	500	500	500	250	250	250	250	1900	1900	672	672	672	672	672	672		
1.2	Availability	%	74.37%	74.37%	86.86%	86.86%	86.46%	86.46%	79.11%	79.11%	85.92%	85.92%	84.04%	84.04%	86.22%	86.22%	99.68%	99.68%	85.27%	85.27%	91.32%	91.32%	86.50%	86.50%	71.13%	71.13%	75.11%	75.11%	59.78%	59.78%	59.78%	59.78%		
1.3	PLF	%	43.69%	43.69%	65.34%	65.34%	65.34%	65.34%	72.88%	72.88%	81.52%	81.52%	48.66%	48.66%	56.74%	53.71%	53.71%	72.44%	72.44%	52.42%	52.42%	60.12%	60.12%	66.97%	66.97%	68.84%	68.84%	41.10%	41.10%	41.10%	41.10%			
1.40	Gens Generation	MU	71.659	71.659	464.58	464.58	494.44	460.59	490.59	490.59	288.10	288.10	434.44	430.44	228.10	228.10	402.03	272.20	272.20	201.83	118.94	106.62	106.62	198.04	198.04	102.46	102.46	198.04	198.04	102.46	102.46			
1.50	Auxiliary Consumption excluding FGD	%	14.09%	14.09%	7.45%	7.45%	11.17%	9.70%	6.84%	6.84%	12.96%	12.96%	11.08%	11.08%	7.80%	6.00%	6.00%	11.04%	12.56%	9.30%	9.30%	12.55%	12.55%	11.15%	11.15%	8.50%	8.50%	2.82%	2.82%	3.10%	0.85%			
1.60	Auxiliary Consumption excluding FGD	MU	10.09	7.85	36.85	29.67	51.44	44.68	20.90	18.34	29.56	24.52	91.55	64.46	27.56	24.52	30.06	25.31	25.34	14.92	10.11	13.05	11.46	73.16	61.71	5.39	6.14	0.07	0.08	0.00	0.00			
1.70	Auxiliary Consumption for FGD	%	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%		
1.80	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	%	14.09%	14.09%	7.45%	7.45%	11.17%	9.70%	6.84%	6.84%	12.96%	12.96%	11.08%	11.08%	7.80%	6.00%	6.00%	11.04%	12.56%	9.30%	9.30%	12.55%	12.55%	11.15%	11.15%	8.50%	8.50%	2.82%	2.82%	3.10%	0.85%	1.00%	1.00%	
1.10	Total Auxiliary Consumption (~ 1.6 + 1.8)	MU	10.09	7.85	36.85	29.67	51.44	44.68	20.90	18.34	29.56	24.52	91.55	64.46	27.56	24.52	30.06	25.31	25.34	14.92	10.11	13.05	11.46	73.16	61.71	5.39	6.14	0.08	0.08	0.00	0.00	0.00	0.00	
1.20	Net Generation (~ 1.4 - 1.10)	MU	61.57	63.81	457.58	459.14	409.14	415.59	284.82	287.18	198.541048	201.54	734.88	761.97	278.47	277.71	242.104009	246.38	176.48	183.08	104.80	108.83	92.865	94.56	955.30	966.24	192.445118	191.90	1.94	7.20	1.94	7.20		
1.12	Heat Rate	mk/Wh	2906.25	2787.00	2591.49	2575.00	2674.02	2481.62	2998.29	2774.00	2688.62	2688.00	2481.18	2375.00	2488.04	2430.00	2632.10	2430.00	2570.03	2430.00	2430.00	2570.03	2430.00	2570.03	2430.00	2570.03	2430.00	2570.03	2430.00	2570.03	2430.00	2570.03	2430.00	
1.13	Secondary Fuel Oil Consumption	mk/Wh	4.37	1.40	0.38	0.50	0.42	1.20	0.36	0.50	4.38	1.00	3.27	0.50	0.64	0.50	4.54	0.50	1.73	0.50	1.73	0.50	1.73	0.50	1.73	0.50	1.73	0.50	1.73	0.50	1.73	0.50	1.73	0.50
1.14	Transit Loss for Domestic Coal	%	0.707%	0.800%	1.264%	0.800%	0.575%	0.800%	0.575%	0.800%	0.458%	0.800%	0.572%	0.800%	0.390%	0.800%	0.802%	0.800%	0.984%	0.800%	0.984%	0.800%	1.059%	0.800%	0.014%	0.800%	1.643%	0.800%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1.15	Transit Loss for washed Coal	%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
1.16	SHR coal component		2863.41	2773.27	2587.76	2570.10	2670.07	2618.69	2478.20	2370.29	2956.82	2744.53	2819.29	2678.37	2449.69	2370.19	2482.02	2425.29	2579.10	2425.27	2553.68	2425.27	2529.13	2322.95	2420.71	2225.19								
2	Fuel parameters (for each primary and secondary fuel)																																	
2.1	Calorific Value																																	
2.1.1	Domestic Coal (As Billed)	kc/kg	3866.00	3866.00	3870	3870	3961	3961	3961	3961	3836	3836	3964	3964	4014	4014	3962.00	3962.00	3707	3707	3672	3672	3944.00	3944.00	4167.00	4167.00	3667	3667	3660	3660	3660	3660		
2.1.2	Imported Coal (As Billed)	kc/kg	4601.00	4601.00	4601	4601	4642	4642	4642	4642	4607	4607	4685	4685	4678	4678	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2.1.3	Wash Coal (As Billed)	kc/kg	0.00	0.00	0.00	0.00	3023.00	3023.00	3023.00	3023.00	0.00	0.00	0.00	0.00	3580.00	3580.00	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	Domestic Coal (As Received)- Actual	kc/kg	3165.00	3165.00	3120.00	3120.00	3095.00	3095.00	3095.00	3095.00	3158.00	3158.00	3247.00	3247.00	3328.00	3328.00	3176.00	3176.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	
2.1.5	GCV loss between loading end and unloading end - Domestic Actual	kc/kg	701.00	701.00	710.00	710.00	866.00	866.00	866.00	866.00	678.00	678.00	727.00	727.00	686.00	686.00	786.00	786.00	607.00	607.00	572.00	572.00	676.00	676.00	691.00	691.00	691.00	691.00	691.00	691.00	691.00	691.00		
2.1.6	GCV loss between loading end and unloading end as per directions in MERC Order in Case No.227 of 2022	kc/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	650.00	
2.1.7	GCV loss between loading end and unloading end as per directions in MERC Order in Case No.227 of 2022	kc/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	650.00	
2.1.8	Domestic coal As received GCV for FAC computation	kc/kg	3216.00	3216.00	3220.00	3220.00	3311.00	3311.00	3311.00	3311.00	3186.00	3186.00	3314.00	3314.00	3364.00	3364.00	3312.00	3312.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	
2.1.9	Wash Coal (As Received)	kc/kg	0.00	0.00	0.00	0.00	3023.00	3023.00	3023.00	3023.00	0.00	0.00	0.00	0.00	3580.00	3580.00	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	
2.1.10	GCV loss between loading end and unloading end - Wash Coal Actual	kc/kg	0.00	0.00	0.00	0.00	300.00	300.00	300.00	300.00	0.00	0.00	0.00	0.00	270.00	270.00	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	
2.1.11	GCV loss between loading end and unloading end for Wash Coal as per Case No. 296 of 2019 (Min. of Actual or 300)	kc/kg	0.00	0.00	0.00	0.00	300.00	300.00	300.00	300.00	0.00	0.00	0.00	0.00	270.00	270.00	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	
2.1.12	Wash coal As received GCV for FAC computation	kc/kg	0.00	0.00	0.00	0.00	3023.00	3023.00	3023.00	3023.00	0.00	0.00	0.00	0.00	3580.00	3580.00	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	
2.1.13	Imported Coal (As Received)	kc/kg	4601.00	4601.00	4601	4601	4642	4642	4642	4642	4607	4607	4685	4685	4678	4678	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2.1.14	Weighted avg received GCV Raw coal + Washed coal - Actual	kc/kg	3165.00	3165.00	3120.00	3120.00	3094.11	3094.11	3094.09	3094.09	3158.00	3158.00	3247.00	3247.00	3337.61	3337.61	3176.00	3176.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	
2.1.15	Weighted Avg received GCV Imported Coal - Actual	kc/kg	4601.00	4601.00	4601.00	4601.00	4642.00	4642.00	4642.00	4642.00	4607.00	4607.00	4685.00	4685.00	4678.00	4678.00	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	
2.1.16	Weighted Avg Raw Coal + Wash Coal for FAC Computations	kc/kg	3216.00	3216.00	3220.00	3220.00	3307.42	3307.42	3307.42	3307.42	3307.42	3307.42	3314.00	3314.00	3372.24	3372.24	3312.00	3312.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	
2.1.17	Weighted Avg Imported Coal for FAC Computations	kc/kg	4601.00	4601.00	4601.00	4601.00	4642.00	4642.00	4642.00	4642.00	4607.00	4607.00	4685.00	4685.00	4678.00	4678.00	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	
2.1.18	L.D.O	kc/kg	11267.00	11267.00	11267.00	11267.00	10717.00	10717.00	10717.00	10717.00	10832.00																							