

DISCOM WISE MOD STACK OF VARIABLE CHARGES (VC) FOR AUGUST-2024 (R0)

(*Effective from 16.08.2024 to 15.09.2024)

Sr. no.	Generating Station	OWNER/TY PE	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	25.3912	0.0000	25.3912
2	KAWAS (NAPM-COM GAS)	CS	-	Gas	13.5818	0.0000	13.5818
3	GANDHAR (NAPM-COM GAS)	CS		Gas	13.5154	0.0000	13.5154
4	KAWAS (RLNG)	CS	-	Gas	11.3161	0.0000	11.3161
5	JGPS (RLNG)	CS	-	Gas	11.2601	0.0000	11.2601
6	Uran GTPS (Open cycle operation)	MSPGCL	-	Gas	7.2890	0.0000	7.2890
7	KAWAS (APM GAS)	CS	200	Gas	5.9395	0.0000	5.9395
8	GANDHAR (APM GAS)	CS	204	Gas	5.9083	0.0000	5.9083
9	Uran GTPS (Combined cycle operation)	MSPGCL	840	Gas	5.2250	0.0000	5.2250
10	APML U-1,4 & 5 (440 MW PPA)	IPP	440	Coal	2.4103	2.7373	5.1476
11	Nasik Unit - 03 to 05	MSPGCL	630	Coal	5.0970	0.0000	5.0970
12	APML, Unit 1,4 & 5 (1200 MW PPA)	IPP	1200	Coal	2.3503	2.7373	5.0876
13	APML, Unit 1,4 & 5 (125 MW PPA)	IPP	125	Coal	2.3503	2.7373	5.0876
14	APML, Unit 2 & 3 (1320 MW PPA)	IPP	1320	Coal	1.7040	3.3576	5.0616
15	Parali Unit -08	MSPGCL	250	Coal	5.0240	0.0000	5.0240
16	Parali Unit - 06 & 07	MSPGCL	500	Coal	5.0210	0.0000	5.0210
17	Bhusawal Unit - 03	MSPGCL	210	Coal	4.9680	0.0000	4.9680
18	Solapur STPS	CS	642	Coal	4.5553	0.0000	4.5553
19	Chandrapur Unit - 03 to 07	MSPGCL	1920	Coal	4.2770	0.0000	4.2770
20	Khargone	CS	85	Coal	4.2110	0.0000	4.2110
21	JSW U1, Jaigad	IPP	300	Coal	4.0100	0.0000	4.0100
22	Bhusawal Unit - 04 & 05	MSPGCL	1000	Coal	3.9980	0.0000	3.9980
23	CGPL	CS	760	Coal	3.9943	0.0000	3.9943
24	Khaperkheda Unit - 01 to 04	MSPGCL	840	Coal	3.8760	0.0000	3.8760
25	Paras Unit - 03 & 04	MSPGCL	500	Coal	3.8040	0.0000	3.8040
26	MSTPS-I	CS	394	Coal	3.6467	0.0000	3.6467
27	Chandrapur Unit - 08,09	MSPGCL	1000	Coal	3.6040	0.0000	3.6040
28	MSTPS-II	CS	531	Coal	3.5824	0.0000	3.5824
29	IEPL TO MSEDCL	STOA	180	Coal	3.5070	0.0000	3.5070
30	Koradi Unit - 08 to 10	MSPGCL	1980	Coal	3.3340	0.0000	3.3340
31	Koradi Unit - 06	MSPGCL	210	Coal	3.2660	0.0000	3.2660
32	Khaperkheda Unit - 05	MSPGCL	500	Coal	3.2510	0.0000	3.2510
33	Gadarwara	CS	46	Coal	3.2201	0.0000	3.2201
34	RattanIndia Power Ltd, Amravati	IPP	1200	Coal	2.3829	0.5634	2.9463
35	SWPGL TO MSEDCL	LTOA	240	Coal	2.5303	0.4096	2.9399
36	EMCO	CS	200	Coal	2.7962	0.0000	2.7962
37	KHTPS-II	CS	148	Coal	2.5388	0.0000	2.5388
38	VSTP-I	CS	432	Coal	2.0324	0.0000	2.0324
39	VSTPS-V	CS	161	Coal	1.9498	0.0000	1.9498
40	VSTP-II	CS	336	Coal	1.9218	0.0000	1.9218
41	VSTPS-III	CS	275	Coal	1.8957	0.0000	1.8957
42	VSTP-IV	CS	294	Coal	1.8762	0.0000	1.8762
43	SSTPS-II	CS	274	Coal	1.8193	0.0000	1.8193
44	SSTPS-I	CS	556	Coal	1.7694	0.0000	1.7694
45	KSTPS I AND II	CS	635	Coal	1.6197	0.0000	1.6197
46	KSTPS-III	CS	120	Coal	1.5688	0.0000	1.5688
47	Lara	CS	114	Coal	1.5331	0.0000	1.5331
	DECENTRALISED MOD STACK FOR AEML						
1	ADTPS U-1 & 2	DTPS	500	Coal	4.6118	0.0000	4.6118
	DECCENTRALISED MOD STACK FOR TPCL-D						
1	TPC U-7 (RLNG)-NAPM	TATA	xxx	Gas	11.4550	0.0000	11.4550
2	TPC U-5	TATA	500	Coal/Oil/Gas	5.8330	0.0000	5.8330
3	TPC U-8	TATA	250	Coal	5.6430	0.0000	5.6430
4	TPC U-7 (APM) *	TATA	180	Gas	5.0770	0.0000	5.0770
	DECENTRALISED MOD STACK FOR BEST						
1	TPC U-7 (RLNG)	TATA	xxx	Gas	11.4550	0.0000	11.4550
2	TPC U-5	TATA	500	Coal/Oil/Gas	5.8330	0.0000	5.8330
3	TPC U-8	TATA	250	Coal	5.6430	0.0000	5.6430
4	TPC U-7 (APM) *	TATA	180	Gas	5.0770	0.0000	5.0770
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 mahasdc.in website on dated 15.08.2024 .

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

4) Hydro generation is not considered for MOD.

5) Gas (closed cycle), 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: 60/2024

Bill Date: 01-08-2024

Due date: 30-08-2024

Energy Bill of MAHAGENCO for the Month of July-2024 (From 01.07.2023 (00.00Hrs) to 30.07.2023(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)	79.397920	4.461	3541.94121	1481.92677	5023.86798	-4.30175	1486.22852	5028.16973
2	BHUSAWAL (Unit 4-5)	345.648282	3.746	12947.98464	8713.29190	21661.27654	1757.538290	6955.75361	19903.73825
3	KHAPARKHEDA (Unit 1- 4)	339.229943	4.218	14308.71900	5344.75006	19653.46906	346.89355	4997.85651	19306.57551
4	KHAPARKHEDA U # 5	268.898335	4.019	10807.02408	4822.59231	15629.61639	0.00000	4822.59231	15629.61639
5	NASHIK (Unit 3-5)	154.530926	4.641	7171.78028	4104.28997	11276.07025	0.00000	4104.28997	11276.07025
6	CHANDRAPUR (Unit 3-7)	700.614480	4.097	28704.17525	9452.65463	38156.82988	34.15859	9418.49604	38122.67129
7	CHANDRAPUR (Unit- 8 & 9)	358.503364	3.442	12339.68579	10235.54230	22575.22809	3016.06735	7219.47495	19559.16074
8	PARAS (Unit 3- 4)	122.352750	3.510	4294.58153	4688.60884	8983.19037	2084.82239	2603.78645	6898.36798
9	PARLI (Unit 6- 7)	196.215501	5.096	9999.14193	4018.80666	14017.94859	0.00000	4018.80666	14017.94859
10	PARLI (Unit 8)	95.749168	5.052	4837.24797	3205.51204	8042.76001	0.00000	3205.51204	8042.76001
11	KORADI (Unit 6)	97.793587	3.368	3293.68801	2568.81829	5862.50630	0.00000	2568.81829	5862.50630
12	KORADI (Unit- 8,9 & 10)	887.244750	3.119	27673.16375	16420.98683	44094.15058	699.02115	15721.96568	43395.12943
13	GTPS URAN (Unit 5 -10)	185.835209	6.760	12562.46013	1062.58224	13625.04237	-1296.03798	2358.62022	14921.08035
	TOTAL THERMAL	3832.014215		152481.59357	76120.36284	228601.95641	6638.16159	69482.20125	221963.79482

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

221963.79482

Bill amount in words Rs. Two Thousand Two Hundred Nineteen Crores Sixty Three Lakhs Seventy nine Thousand Four hundred and Eighty Two 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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Prakashgad, 3rd Floor,

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Calculation for Cummulative AVF Based AFC Disallowance upto July 2024

Month no. in the season: 2

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. 061/ 2024		Bill Date: 01-08-2024				Due date: 30-08-2024		
Energy Bill of MAHAGENCO for the Month of Jul-2024 [From 01-07-2024 (00.00 Hrs) to 31-07-2024 (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	38.218837	0.229	87.521137	183.08522	79.25	161.840620	249.36176
2	KGSC Stage III	33.840580	0.229	77.494928	97.64545	100.00	108.918520	186.41345
3	KGSC Stage IV	31.745480	0.229	72.697149	305.14203	100.00	340.370360	413.06751
4	KDPH	6.665230	0.229	15.263377	10.98511	100.00	12.253330	27.51671
5	Total KGSC	110.470127		252.976591	596.85781		623.382830	876.35942
BHIRA TR HPS								
6	Bhira HPS U # 1 & 2	11.279957	0.554	62.490962	32.115210	96.64	34.485610	96.97657
7	Bhira Total	11.279957		62.490962	32.115210	96.64	34.485610	96.97657
TILLARI HPS								
8	Tillari HPS U # 1	12.858704	0.812	104.412676	70.903690	51.72	40.749250	145.16193
9	Tillari Total	12.858704		104.412676	70.903690	51.72	40.749250	145.16193
10	Total for High Capacity Hydro P.S.	134.608788		419.880229	699.87671		698.61769	1118.49792
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	2.958453	0.00000	0.00000	147.28152			147.28152
12	Ghatghar PSS	8.199180	0.00000	0.00000	613.67301			613.67301
13	Total Mahagenco's Hydro (Including Ghatghar PSS)	145.766421						1879.45245
III. BILLSUMMARY								
14	TOTAL ENERGY BILL AMOUNT IN RS. CR. FOR MSPGCL'S LARGE HYDRO STATIONS FOR THE MONTH OF July-2024						18.7945245	
Total Energy Bill Amount for MSPGCL's Large Hydro Power Stations is Rs. 18.7945245 Cr. in words (Rupees Eighteen Crore Seventy Nine Lakh Forty Five Thousand Two Hundred Forty Five and Paise Zero Only) (E & OE).								

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. 063/2024	Bill Date: 01-08-2024		Due date	30-08-2024
Energy Bill of MAHAGENCO for the Month of Jul-2024 [From 01-07-2024 (00.00 Hrs) to 31-07-2024 (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	-0.006756	55.23057104
2	Paithan	1 X 12	-0.004611	29.45630455
VAITARNA DIVISION				
4	Vaitarna Dam Toe	1 X 1.5	-0.001843	3.682038069
5	Bhatsa	1 X 15	-0.018448	36.82038069
6	Surya	1 X 6	0.425892	14.72815228
BHATGHAR DIVISION				
8	Bhatghar	1X 16	0.067302	39.27507274
9	Kanher	1 X 4	0.111200	9.818768185
10	Dhom	2 X 1	0.063000	4.909384092
11	Ujjani	1 X 12	-0.018737	29.45630455
12	Warana	2 X 8	3.754293	39.27507274
PANSHET DIVISION				
13	Panshet	1 X 8	0.920748	19.63753637
14	Varasgaon	1 X 8	0.805645	19.63753637
15	Pawana	1 X 10	1.521678	24.54692046
16	Manikdoh	1 X 6	-0.005560	14.72815228
17	Dimbhe	1 X 5	-0.002310	12.27346023
BHIRA DIVISION				
18	Dudhganga	2 X 12	2.099824	58.91260911
19	Terwanmedhe	1 X 0.2	0.000000	0.49093841
20	Radhanagari	4 X 1.2	-0.000330	11.78252182
TOTAL			9.7109870	424.66172
III. BILL SUMMARY				
21	TOTAL ENERGY BILL IN RS CRORE AMOUNT FOR MAHAGENCO'S SMALL HYDRO STATIONS FOR THE MONTH OF		Jul-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.

062/ 2024

Bandra (East), Mumbai 400051

Billing Date

01-08-2024

Condition

Payment Due Date : 30-08-2024

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

Jul-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. 064/ 2024

Billing Date 01-08-2024

Condition

Payment Due Date : 30-08-2024

Bill for Small Hydro Power stations' Lease Rent for the month of Jul-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 070/2024

Date: 12-08-2024

Due date:

10-09-2024

Provisional Part-I Fuel Surcharge Adjustment bill for the Month of Jul-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	4.968	0.507	79.397920	402.54745
2	BHUSAWAL (Unit 4-5)	3.746	3.998	0.252	345.648282	871.03367
3	KHAPARKHEDA (Unit 1- 4)	4.218	3.876	-0.342	339.229943	-1160.16641
4	KHAPARKHEDA Unit 5	4.019	3.251	-0.768	268.898335	-2065.13921
5	NASHIK (Unit 3-5)	4.641	5.097	0.456	154.530926	704.66102
6	CHANDRAPUR (Unit 3-7)	4.097	4.277	0.180	700.614480	1261.10606
7	CHANDRAPUR (Unit- 8 & 9)	3.442	3.604	0.162	358.503364	580.77545
8	PARAS (Unit 3- 4)	3.510	3.804	0.294	122.352750	359.71709
9	PARALI (UNIT 6-7)	5.096	5.0210	-0.075	196.215501	-147.16163
10	PARALI (UNIT 8)	5.052	5.0240	-0.028	95.749168	-26.80977
11	KORADI (Unit 6)	3.368	3.266	-0.102	97.793587	-99.74946
12	KORADI (Unit-8,9 & 10)	3.119	3.3340	0.215	887.244750	1907.57621
13	GTPS URAN (Combine cycle)	6.760	5.225	-1.535	184.532750	-2832.57771
14	GTPS URAN (Open cycle)	6.760	7.289	0.529	1.302459	6.89001
	TOTAL MSPGCL FAC BILL				3832.014215	-237.29723

The provisional Part-I Fuel Surcharge Adjustment bill, for MSPGCL stations, to MSEDCL for the month of Jul-24 is withdrawal of Rs. Two Crore Thirty Seven Lakh Twenty Nine Thousand Seven Hundred Twenty Three Only

Chief Engineer,
Regulatory & Commercial Dept.

S.No	Particulars	Units	Bhusawal	Bhusawal	Bhusawal 4 &	Bhusawal 4 &	Khapherkol	Khapherkol	Khapherkol	Khapherkol	Nashik	Nashik	Chandrapur # 7	Chandrapur # 3	Chandrapur Units R & 9	Chandrapur Units R & 9	Para Units 3 & 4	Para Units 3 & 4	Para Units 6 & 7	Para Units 6 & 7	Para Unit 8	Para 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	2 Availability	MTW	210	210	1000	1000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	
1.2	2 Availability	%	80.02%	80.02%	67.87%	67.87%	69.50%	69.50%	84.00%	84.00%	83.55%	83.55%	87.77%	87.77%	60.12%	60.12%	40%	40%	90.43%	90.43%	87.84%	87.84%	73.05%	73.05%	68.66%	68.66%	51.65%	51.65%	47.2	47.2	51.65%	51.65%
1.3	PLF	%	57.30%	57.30%	49.87%	49.87%	60.52%	60.52%	73.34%	73.34%	40.61%	40.61%	53.43%	53.43%	51.77%	51.77%	37%	37%	60.48%	60.48%	58.99%	58.99%	70.28%	70.28%	64.42%	64.42%	42.09%	42.09%	42.09%	42.09%	42.09%	42.09%
1.40	Generation	MU	10140	9148	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	
1.50	Auxiliary Consumption excluding PGD	kg/kWh	11.82%	10.96%	9.20%	9.20%	11.84%	11.84%	9.20%	9.20%	11.84%	11.84%	9.20%	9.20%	11.84%	11.84%	9.20%	9.20%	11.84%	11.84%	9.20%	9.20%	11.84%	11.84%	9.20%	9.20%	11.84%	11.84%	9.20%	9.20%	11.84%	11.84%
1.60	Auxiliary Consumption excluding PGD	MU	174846	10227	3135	2104	4592	37.61	20.26	17.49	26.30	20.46	89.89	60.90	29.20	23.29	16.34	12.95	28.29	28.29	14.02	13.97	70.23	70.23	64.42%	64.42%	42.09%	42.09%	42.09%	42.09%	42.09%	42.09%
1.70	Auxiliary Consumption for PGD	%	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 PGD	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	
1.90	Total Auxiliary Consumption	%	11.82%	10.96%	9.20%	9.20%	11.84%	11.84%	9.20%	9.20%	11.84%	11.84%	9.20%	9.20%	11.84%	11.84%	9.20%	9.20%	11.84%	11.84%	9.20%	9.20%	11.84%	11.84%	9.20%	9.20%	11.84%	11.84%	9.20%	9.20%	11.84%	11.84%
1.101	Total Auxiliary Consumption (+ 1.6 + 1.8)	kg/kWh	12.56	10.27	31.45	23.04	45.92	37.69	20.26	17.49	26.30	20.46	89.89	60.90	29.20	23.29	16.34	12.95	28.29	28.29	14.02	13.97	70.23	70.23	64.42%	64.42%	42.09%	42.09%	42.09%	42.09%	42.09%	42.09%
1.11	Net Generation (+ 1.4 - 1.10)	MW	8073	8341	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	331797	
1.12	Heat Rate	kg/kWh	2878.99	2787.00	2640.49	2375.00	2726.45	2610.00	2453.60	2375.00	2749.67	2754.00	2790.51	2688.00	2446.55	2375.00	2473.62	2430.00	2449.67	2430.00	2442.05	2430.00	2430.00	2430.00	2430.00	2430.00	2430.00	2430.00	2430.00	2430.00	2430.00	
1.13	Secondary Fuel Oil Consumption	ml/kWh	5.51	4.00	0.95	0.95	1.42	1.00	0.64	0.50	1.70	1.00	0.79	0.50	0.31	0.30	0.31	0.30	0.31	0.30	0.31	0.30	0.31	0.30	0.31	0.30	0.31	0.30	0.31	0.30	0.31	
1.14	Transit Loss for Domestic Coal	%	0.840%	0.800%	1.050%	0.800%	0.260%	0.800%	0.260%	0.800%	0.260%	0.800%	0.260%	0.800%	0.260%	0.800%	0.260%	0.800%	0.260%	0.800%	0.260%	0.800%	0.260%	0.800%	0.260%	0.800%	0.260%	0.800%	0.260%	0.800%	0.260%	
1.15	Transit Loss for Washed Coal	%	0%	0%	0%	0%	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%	
	SHR coal component		2824.97	2777.27	2631.20	2370.00	2691.94	2618.67	2447.55	2370.28	2704.85	2744.49	2745.29	2679.64	2489.12	2370.32	2470.71	2425.29	0%	0%	2431.87	2425.27	2506.16	2523.15	2436.68	2224.22						
2	Fuel parameters (for each primary and secondary fuel)																															
2.1	Calorific Value																															
2.1.1	Domestic Coal (As Billed)	kg/kWh	3920.00	3920	3935	3935	3980	3980	3980	3980	3905	3905	4060	4060	3979	3979	4072	4072	3907	3907	3932	3932	3908.00	3908.00	3260.00	3260.00	8690	8690	8659	8659		
2.1.2	Domestic Coal (As Billed)	kg/kWh	4750.00	4750	4759	4759	4759	4759	4759	4759	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	
2.1.3	Wash Coal (As Billed)	kg/kWh	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		
	Domestic Coal (As Received)- Actual	kg/kWh	3240.00	3240.00	3139.00	3139.00	3008.00	3008.00	3008.00	3008.00	3249.00	3249.00	3322.00	3322.00	3240.00	3240.00	3555.00	3555.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	
	GCV loss between loading end and unloading end- Domestic-Actual	kg/kWh	680.00	680.00	796.00	796.00	882.00	882.00	882.00	882.00	656.00	656.00	738.00	738.00	739.00	739.00	517.00	517.00	597.00	597.00	622.00	622.00	622.00	622.00	622.00	622.00	622.00	622.00	622.00	622.00	622.00	
	GCV loss between loading end and unloading end as per directions in MERC Order in Case No.227 of 2022	kg/kWh	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	517.00	517.00	597.00	597.00	622.00	622.00	622.00	622.00	622.00	622.00	622.00	622.00	622.00	622.00	622.00	
	GCV loss between loading end and unloading end as per directions in MERC Order in Case No.227 of 2022	kg/kWh	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	517.00	517.00	597.00	597.00	622.00	622.00	622.00	622.00	622.00	622.00	622.00	622.00	622.00	622.00	622.00	
	Domestic coal As received GCV for FAC computation	kg/kWh	3270.00	3270.00	3285.00	3285.00	3280.00	3280.00	3280.00	3280.00	3255.00	3255.00	3410.00	3410.00	3329.00	3329.00	3555.00	3555.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	
	Wash Coal (As Received)	kg/kWh	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	
	GCV loss between loading end and unloading end- Wash Coal-Actual	kg/kWh	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	
	GCV loss between loading end and unloading end for Wash Coal as per Case No. 290 of 2019 (Min. of Actual or 300)	kg/kWh	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	
	Wash coal As received GCV for FAC computation	kg/kWh	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	
2.1.4	Imported Coal (As Received)	kg/kWh	4750.00	4750	4759	4759	4759	4759	4759	4759	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	4642	
	Weighted Avg received GCV Raw coal + Washed coal - Actual	kg/kWh	3240.00	3240.00	3139.00	3139.00	3014.64	3014.64	3014.64	3014.64	3019.94	3019.94	3249.00	3249.00	3322.00	3322.00	3240.00	3240.00	3555.00	3555.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	
	Weighted Avg received GCV Imported Coal - Actual	kg/kWh	4750.00	4750.00	4759.00	4759.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	
	Weighted Avg Raw & Wash Coal for FAC Computations	kg/kWh	3270.00	3270.00	3285.00	3285.00	3244.28	3244.28	3247.69	3247.69	3255.00	3255.00	3410.00	3410.00	3329.00	3329.00	3555.00	3555.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	3310.00	
	Weighted Avg Imported Coal for FAC Computations	kg/kWh	4750.00	4750.00	4759.00	4759.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	4642.00	
2.1.5	L.D.O	kg/kWh	11267.00	11267.00	11267.00	11267.00	10765.00	10765.00	10765.00	10765.00	10658.00	10658.00	10658.00	10658.00	10658.00	10658.00	10658.00	10658.00	10658.00	10658.00	10658.00	10658.00	10658.00	10658.00	10658.00	10658.00	10658.00	10658.00	10658.00	10658.00	10658.00	
2.1.6	F.O	kg/kWh	10564.00	10564.00	10564.00	10564.00	10189.00	10189.00	10189.00	10189.00	10189.00	10189.00	10189.00	10189.00	10189.00	10189.00	10189.00	10189.00	10189.00	10189.00	10189.00	10189.00	10189.00	10189.00	10189.00							