

DISCOM WISE MOD STACK OF VARIABLE CHARGES (VC) FOR MAY-2025 (R0)

(*Effective from 16.05.2025 to 15.06.2025)

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	23.9478	0.0000	23.9478
2	KAWAS (NAPM-COM GAS)	CS	-	Gas	13.0918	0.0000	13.0918
3	GANDHAR (NAPM-COM GAS)	CS	-	Gas	13.0212	0.0000	13.0212
4	KAWAS (RLNG)	CS	-	Gas	10.5836	0.0000	10.5836
5	JGPS (RLNG)	CS	-	Gas	10.4610	0.0000	10.4610
6	Uran GTPS (Open cycle operation)	MSPGCL	-	Gas	7.8489	0.0000	7.8489
7	JINDAL POWER LTD (DHULE) to MSEDCL	STOA	150	Coal	6.3800	0.0000	6.3800
8	KAWAS (APM GAS)	CS	200	Gas	5.9456	0.0000	5.9456
9	GANDHAR (APM GAS)	CS	204	Gas	5.9145	0.0000	5.9145
10	Nasik Unit - 03 to 05	MSPGCL	630	Coal	5.6840	0.0000	5.6840
11	Uran GTPS (Combined cycle operation)	MSPGCL	840	Gas	5.6270	0.0000	5.6270
12	Bhusawal Unit - 03	MSPGCL	210	Coal	5.3880	0.0000	5.3880
13	Parali Unit -08	MSPGCL	250	Coal	5.0780	0.0000	5.0780
14	Parali Unit - 06 & 07	MSPGCL	500	Coal	5.0490	0.0000	5.0490
15	Solapur STPS	CS	642	Coal	4.6702	0.0000	4.6702
16	Bhusawal Unit - 04 & 05	MSPGCL	1000	Coal	4.6480	0.0000	4.6480
17	APML U-1,4 & 5 (440 MW PPA)	IPP	440	Coal	2.3909	2.1706	4.5615
18	APML, Unit 1,4 & 5 (1200 MW PPA)	IPP	1200	Coal	2.3309	2.1706	4.5015
19	APML, Unit 1,4 & 5 (125 MW PPA)	IPP	125	Coal	2.3309	2.1706	4.5015
20	Paras Unit - 03 & 04	MSPGCL	500	Coal	4.1640	0.0000	4.1640
21	Chandrapur Unit - 03 to 07	MSPGCL	1920	Coal	4.0330	0.0000	4.0330
22	Khargone	CS	85	Coal	4.0260	0.0000	4.0260
23	APML, Unit 2 & 3 (1320 MW PPA)	IPP	1320	Coal	1.5090	2.3868	3.8958
24	Khaperkheda Unit - 01 to 04	MSPGCL	840	Coal	3.8530	0.0000	3.8530
25	Chandrapur Unit - 08,09	MSPGCL	1000	Coal	3.7320	0.0000	3.7320
26	Koradi Unit - 06	MSPGCL	210	Coal	3.7040	0.0000	3.7040
27	CGPL	CS	760	Coal	3.6922	0.0000	3.6922
28	JSW U1, Jaigad	IPP	300	Coal	3.6900	0.0000	3.6900
29	Gadarwara	CS	46	Coal	3.5236	0.0000	3.5236
30	IEPL TO MSEDCL	STOA	180	Coal	3.5070	0.0000	3.5070
31	Bhusawal Unit - 06	MSPGCL	660	Coal	3.5010	0.0000	3.5010
32	Koradi Unit - 08 to 10	MSPGCL	1980	Coal	3.4030	0.0000	3.4030
33	Khaperkheda Unit - 05	MSPGCL	500	Coal	3.2760	0.0000	3.2760
34	MSTPS-I	CS	394	Coal	3.2711	0.0000	3.2711
35	MSTPS-II	CS	531	Coal	3.2452	0.0000	3.2452
36	KHTPS-II	CS	148	Coal	2.9687	0.0000	2.9687
37	SWPGPL TO MSEDCL	LTOA	240	Coal	2.5109	0.4130	2.9239
38	EMCO	CS	200	Coal	2.7774	0.0000	2.7774
39	RattanIndia Power Ltd, Amravati	IPP	1200	Coal	2.0062	0.4989	2.5051
40	VSTP-I	CS	432	Coal	2.1791	0.0000	2.1791
41	VSTPS-V	CS	161	Coal	2.1147	0.0000	2.1147
42	VSTP-II	CS	336	Coal	2.0614	0.0000	2.0614
43	VSTP-IV	CS	294	Coal	2.0531	0.0000	2.0531
44	VSTPS-III	CS	275	Coal	2.0355	0.0000	2.0355
45	SSTPS-II	CS	274	Coal	1.8220	0.0000	1.8220
46	KSTPS I AND II	CS	635	Coal	1.7810	0.0000	1.7810
47	SSTPS-I	CS	556	Coal	1.7467	0.0000	1.7467
48	KSTPS-III	CS	120	Coal	1.7226	0.0000	1.7226
49	Lara	CS	114	Coal	1.4074	0.0000	1.4074
DECENTRALISED MOD STACK FOR AEML							
1	ADTPS U-1 & 2	DTPS	500	Coal	3.7743	0.0000	3.7743
2	JINDAL PL_U1 TO AEML	STOA	100	Coal	2.6800	0.0000	2.6800
DECENTRALISED MOD STACK FOR TPCL-D							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	11.6480	0.0000	11.6480
2	TPC U-7 (APM)	TATA	180	Gas	5.4390	0.0000	5.4390
3	TPC U-5	TATA	500	Coal/Oil/Gas	5.3190	0.0000	5.3190
4	TPC U-8	TATA	250	Coal	5.0730	0.0000	5.0730
DECENTRALISED MOD STACK FOR BEST							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	11.6480	0.0000	11.6480
2	TPC U-7 (APM)	TATA	180	Gas	5.4390	0.0000	5.4390
3	TPC U-5	TATA	500	Coal/Oil/Gas	5.3190	0.0000	5.3190
4	TPC U-8	TATA	250	Coal	5.0730	0.0000	5.0730
5	SWPGL TO BEST	MTOA	125	Coal	2.7800	0.0000	2.7800
NOTE:-							

- 1) Prepared as per Clause 33 of State Grid Code Regulation 2020 issued by Hon'ble MERC dtd. 2nd sept 2020 .
- 2) "R0" updated on mahasidc.in 15.05.2025
- 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: 001/2025

Bill Date: 01-05-2025

Due date: 14-06-2025

THERMAL & GAS STATIONS Energy bill for the month of April-2025

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)	79.692964	5.174	4123.31396	1269.21088	5392.52484	-345.73459	1614.94547	5738.25943
2	BHUSAWAL (Unit 4-5)	453.391219	4.275	19382.47461	8945.09632	28327.57093	-152.680370	9097.77669	28480.25130
3	BHUSAWAL (Unit 6)	323.351556	3.561	11514.54891	11054.41667	22568.96558	1124.481280	9929.93539	21444.48430
4	KHAPARKHEDA (Unit 1- 4)	405.985807	3.728	15135.15088	5845.63448	20980.78536	-874.97826	6720.61274	21855.76362
5	KHAPARKHEDA U # 5	278.486708	3.328	9268.03764	5514.59023	14782.62787	99.24700	5415.34323	14683.38087
6	NASHIK (Unit 3-5)	233.783741	5.243	12257.28154	3772.99716	16030.27870	-519.92574	4292.92290	16550.20444
7	CHANDRAPUR (Unit 3-7)	805.685015	4.467	35989.94962	9449.19707	45439.14669	-1344.54880	10793.74587	46783.69549
8	CHANDRAPUR (Unit- 8 & 9)	263.474422	3.660	9643.16385	10023.44512	19666.60897	4666.31201	5357.13311	15000.29696
9	PARAS (Unit 3- 4)	247.561021	4.026	9966.80671	4300.06920	14266.87591	-273.48218	4573.55138	14540.35809
10	PARLI (Unit 6- 7)	238.365769	5.369	12797.85814	4632.11519	17429.97333	-204.37473	4836.48992	17634.34806
11	PARLI (Unit 8)	111.596259	5.236	5843.18012	2953.19104	8796.37116	-572.66744	3525.85848	9369.03860
12	KORADI (Unit 6)	102.689572	3.595	3691.69011	2862.36624	6554.05635	-0.12261	2862.48885	6554.17896
13	KORADI (Unit- 8,9 & 10)	1010.376699	3.323	33574.81771	17333.13525	50907.95296	-1170.75054	18503.88579	52078.70350
14	GTPS URAN (Unit 5 -10)	238.619000	5.232	12484.54608	1947.24880	14431.79488	0.00000	1947.24880	14431.79488
	TOTAL THERMAL	4793.059752		195672.81988	89902.71365	285575.53353	430.77503	89471.93862	285144.75850

ENERGY BILL FOR SUPPLY OF ENERGY FROM MAHAGENCO's THERMAL & GAS POWER STATIONS TO MAHAVITARAN FOR THE MONTH OF April 2025

285144.75850

Bill amount in words Rs. Two Thousand Eight Hundred Fifty one Crores Forty four lakhs seventy five thousand Eight hundered 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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Calculation for Cummulative AVF Based AFC Disallowance upto April 2025	
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Month :	Apr-25
Season :	High Demand Season
Month no. in the season:	1

Month :	Apr-25
Season :	High Demand Season
Month no. in the season:	1

Month :	Apr-25
Season :	High Demand Season
Month no. in the season:	1

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 Cumulative AVF upto April 2025 (%)	Actual off-peak period Cumulative AVF upto April 2025 (%)	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 April 2025(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)	17745.5328100	1478.7944000	85.00%	295.7588802	1183.0355207	90.269%	91.540%	295.75888	1183.03552	1478.79440	0.0000000	345.73459	-345.73459
2	BHUSAWAL (Unit 4-5)	111212.1378600	9267.6781600	85.00%	1853.5356310	7414.1425240	80.723%	82.200%	1760.27008	7169.91195	8930.18203	337.4961300	490.17650	-152.68037
3	BHUSAWAL (Unit 6)	132653.0000000	11054.4166700	85.00%	2210.8833333	8843.5333333	76.868%	76.225%	1999.36682	7930.56857	9929.93539	1124.4812800	0.00000	1124.48128
4	KHAPARKHEDA (Unit 1- 4)	77581.0593900	6465.0882800	85.00%	1293.0176565	5172.0706260	79.883%	81.955%	1215.17799	4986.78880	6201.96680	263.1214800	1138.09974	-874.97826
5	KHAPARKHEDA U # 5	61862.9700500	5155.2475000	85.00%	1031.0495008	4124.1980033	84.856%	82.990%	1029.30278	4026.67285	5055.97563	99.2718700	0.02487	99.24700
6	NASHIK (Unit 3-5)	46898.2158700	3908.1846600	85.00%	781.6369312	3126.5477247	93.391%	93.800%	781.63693	3126.54772	3908.18466	0.0000000	519.92574	-519.92574
7	CHANDRAPUR (Unit 3-7)	141531.6751400	11794.3062600	80.00%	2358.8612523	9435.4450093	70.542%	71.981%	2079.98488	8489.65959	10569.64447	1224.6617900	2569.21059	-1344.54880
8	CHANDRAPUR (Unit- 8 & 9)	119399.6738500	9949.9728200	85.00%	1989.9945642	7959.9782567	43.620%	43.966%	1021.21839	4117.27534	5138.49373	4811.4790900	145.16708	4666.31201
9	PARAS (Unit 3- 4)	53799.9746900	4483.3312200	85.00%	896.6662448	3586.6649793	83.678%	86.258%	882.72045	3586.66498	4469.38543	13.9457900	287.42797	-273.48218
10	PARALI (UNIT 6-7)	54238.4507700	4519.8709000	85.00%	903.9741795	3615.8967180	93.045%	94.492%	903.97418	3615.89672	4519.87090	0.0000000	204.37473	-204.37473
11	PARALI (UNIT 8)	40496.7901200	3374.7325100	85.00%	674.9465020	2699.7860080	83.013%	85.247%	659.16863	2699.78601	3358.95464	15.7778700	588.44531	-572.66744
12	KORADI (Unit 6)	30162.0389800	2513.5032500	75.00%	502.7006497	2010.8025987	79.955%	80.654%	502.70065	2010.80260	2513.50325	0.0000000	0.12261	-0.12261
13	KORADI (Unit- 8 , 9 & 10)	230999.8709300	19249.9892400	85.00%	3849.9978488	15399.9913953	77.871%	78.108%	3527.09626	14151.32386	17678.42012	1571.5691200	2742.31966	-1170.75054
14	GTPS URAN (Unit 5 -10)	23220.9888100	1935.0824000	40.89%	387.0164802	1548.0659207	52.879%	51.861%	387.01648	1548.06592	1935.08240	0.0000000	0.00000	0.00000
	TOTAL THERMAL	1141802.3792700	95150.1982700		19030.0396545	76120.1586180			17045.39341	68643.00043	85688.39385	9461.80442	9031.02939	430.77503
		Rs. Four crores thirty lakhs Seventy seven thousand five hundered and three only (E & OE)												430.77503

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Bill No. 002/2025		Bill Date: 01-05-2025		Due date: 14-06-2025				
Energy Bill of MAHAGENCO for the Month of Apr-2025 [From 01-04-2025 (00.00 Hrs) to 30-04-2025 (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	107.582464	0.764	821.930025	609.416319	100.00	679.77280	1,501.702825
2	KGSC Stage III	101.109580	0.764	772.477191	325.022037	95.83	347.43943	1,119.916621
3	KGSC Stage IV	352.836756	0.764	2695.672816	1,015.693864	100.00	1132.95467	3,828.627486
4	KDPH	22.149730	0.764	169.223937	36.564979	100.00	40.78637	210.010307
5	Total KGSC	583.678530		4459.303969	1986.69720		2200.953270	6,660.257239
BHIRA TR HPS								
6	Bhira HPS U # 1 & 2	8.117844	1.081	87.753894	62.588573	50.309440	34.986620	122.740514
7	Bhira Total	8.117844		87.753894	62.588573	50.31	34.986620	122.74051
TILLARI HPS								
8	Tillari HPS U # 1	5.556350	1.253	69.621066	109.437903	100.00	121.597670	191.218736
9	Tillari Total	5.556350		69.621066	109.437903	100.00	121.597670	191.21874
10	Total for High Capacity Hydro P.S.	597.352724		4616.678928	2158.72367		2357.53756	6974.21649
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	24.219618	0.00000	0.00000	282.43024			282.43024
12	Ghatghar PSS	6.961920	0.00000	0.00000	1998.96599			1998.96599
13	Total Mahagenco's Hydro (Including Ghatghar PSS)	628.534262					9255.61272	
III. BILL SUMMARY								
14	TOTAL ENERGY BILL AMOUNT IN RS. CR. FOR MSPGCL'S LARGE HYDRO STATIONS FOR THE MONTH OF April-2025						92.5561272	
#NAME?								
Chief Engineer (Regulatory & Commercial Dept.)								

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Bill No.	003/2025		Bill Date:	01-05-2025	Due Date: 14-06-2025
Energy Bill of MAHAGENCO for the Month of Apr-2025 [From 01-04-2025 (00.00 Hrs) to 30-04-2025 (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	4.273324	112.86316	
2	Paithan	1 X 12	-0.005749	58.69973	
VAITARNA DIVISION					
4	Vaitarna Dam Toe	1 X 1.5	-0.002541	7.06076	
5	Bhatsa	1 X 15	8.676851	37.29513	
6	Surya	1 X 6	2.256146	78.86758	
BHATGHAR DIVISION					
8	Bhatghar	1X 16	8.166045	114.47928	
9	Kanher	1 X 4	1.686100	-24.83553	
10	Dhom	2 X 1	0.458805	-50.72627	
11	Ujjani	1 X 12	2.478480	177.96217	
12	Warana	2 X 8	5.332971	160.24929	
PANSHET DIVISION					
13	Panshet	1 X 8	3.704327	54.68802	
14	Varasgaon	1 X 8	4.788702	44.60323	
15	Pawana	1 X 10	1.462780	67.20865	
16	Manikdoh	1 X 6	-0.004717	75.76374	
17	Dimbhe	1 X 5	1.317457	75.47935	
BHIRA DIVISION					
18	Dudhganga	2 X 12	6.837990	167.77708	
19	Terwanmedhe	1 X 0.2	0.006630	7.89798	
20	Radhanagari	4 X 1.2	0.000000	0.00000	
TOTAL SMALL HYDRO					
	TOTAL		51.4336010	1165.33334	
III. BILL SUMMARY					
21	TOTAL ENERGY BILL IN RS CRORE AMOUNT FOR MAHAGENCO'S SMALL HYDRO STATIONS FOR THE MONTH OF		Apr-25	11.6533334	
Amount in words (Rupees Eleven Crore Sixty Five Lakh Thirty Three Thousand Three Hundred Thirty Four and Paise Zero Only)					
Chief Engineer (RCD)					

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

Bill No	009/2025	Date:	13-05-2025	Due date:			26-06-2025
Provisional Part-I Fuel Surcharge Adjustment bill for the Month of April-2025							
THERMAL & GAS STATIONS							
SR. NO.	POWER STATION	ECR Considered for Monthly Energy Bill (Rs/Kwh)	Calculated VC without FGD (Rs/Kwh)	Calculate d 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)	5.174	5.388		0.214	79.692964	170.54294
2	BHUSAWAL (Unit 4-5)	4.275	4.648		0.373	453.391219	1691.14925
3	BHUSAWAL (Unit 6)	3.561	3.501		-0.060	323.351556	-194.01093
4	KHAPARKHEDA (Unit 1- 4)	3.728	3.853	3.909	0.181	405.985807	734.83431
5	KHAPARKHEDA (Unit 5)	3.328	3.276		-0.052	278.486708	-144.81309
6	NASHIK (Unit 3-5)	5.243	5.684		0.441	233.783741	1030.98630
7	CHANDRAPUR (Unit 3-7)	4.467	4.033		-0.434	805.685015	-3496.67297
8	CHANDRAPUR (Unit- 8 & 9)	3.660	3.732		0.072	263.474422	189.70158
9	PARAS (Unit 3- 4)	4.026	4.164		0.138	247.561021	341.63421
10	PARALI (UNIT 6-7)	5.369	5.049		-0.320	238.365769	-762.77046
11	PARALI (UNIT 8)	5.236	5.078		-0.158	111.596259	-176.32209
12	KORADI (Unit 6)	3.595	3.704	3.815	0.220	102.689572	225.91706
13	KORADI (Unit-8,9 & 10)	3.323	3.403		0.080	1010.376699	808.30136
14	GTPS URAN (Combine cycle)	5.232	5.627		0.395	238.619000	942.54505
15	GTPS URAN (Open cycle)	5.232	0.000		-5.232		0.00000
	TOTAL MSPGCL FAC BILL					4793.059752	1361.02252
The provisional Part-I Fuel Surcharge Adjustment Bill for MSPGCL stations to MSEDCL for the month of Apr-25 is Rs.13,61,02,252/- (in words, Rs. Thirteen Crore Sixty One Lakh Two Thousand Two Hundred Fifty Two Only) Chief Engineer, Regulatory & Commercial Dept.							

S.No.			Particulars		Units		Bhusawal		Bhusawal 4 & 5		Bhusawal 6		Khaparkhed 1 TO 4		Khaparkhed 5		Khaparkhed a-5		Nashik		Chandrapur # 3 to 7		Chandrapur Units 8 & 9		Paras Units 3 & 4		Parli Units 6 & 7		Parli Unit 8		Koradi 6		Koradi 9 & 10		Koradi Units 8, 9 & 10		combined cycle		Open cycle		
							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	Actual	Normative	URAN combined cycle	URAN	URAN open cycle
1	Operational parameters																																								
1.1	Total Capacity	MW	210	210	1000	1000	660	660	660	660	840	840	500	500	800	630.00	1920	1920	1000	1000	500	500	500	500	250	250	210	210	1980	1980	672	672	672	672							
1.2	Availability	%	91.33%	91.33%	81.95%	81.95%	76.33%	76.33%	83.39%	83.39%	81.67%	81.67%	82.30%	82.30%	83.39%	91.73%	91.73%	71.74%	71.74%	83.83%	83.83%	84.25%	84.25%	84.87%	84.87%	80.54%	80.54%	76.07%	76.07%	52.03%	52.03%	52.03%	52.03%	52.03%	52.03%	52.03%	52.03%				
1.3	PLF	%	59.35%	59.35%	66.54%	66.54%	66.54%	66.54%	71.94%	71.94%	74.10%	74.10%	82.11%	82.11%	80.11%	60.65%	60.65%	63.03%	63.03%	38.77%	38.77%	75.57%	75.57%	73.97%	73.97%	68.55%	68.55%	76.00%	76.00%	75.20%	75.20%	56.90%	56.90%	50.90%	50.90%						
1.40	Gross Generation	MU	92.23	92.23	480.72	480.72	344.93	344.93	455.01	455.01	296.29	296.29	275.12	275.12	887.15	275.12	887.15	275.12	278.31	278.31	273.45	273.45	263.34	263.34	128.01	128.01	116.77	116.77	1083.78	1083.78	245.90	245.90	0.00	0.00							
1.50	Auxiliary Consumption excluding FGD	%	12.33%	10.96%	7.22%	7.22%	6.00%	7.67%	6.00%	7.67%	5.75%	11.10%	9.90%	6.76%	6.00%	10.75%	10.75%	6.00%	6.00%	6.00%	6.00%	11.05%	11.05%	9.30%	9.30%	12.43%	12.43%	10.81%	10.81%	6.56%	6.56%	3.04%	3.04%	#DIV/0!	1.00%						
1.60	Auxiliary Consumption excluding FGD	MU	11.38	10.11	34.71	28.84	26.33	19.83	50.51	44.14	20.04	17.78	34.18	29.58	85.94	69.20	18.26	16.70	30.22	25.43	25.61	24.49	15.93	10.88	14.52	12.62	71.13	65.03	7.49	7.62	6.03	6.03	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%	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	0.00	0.00	0.00	0.00	0.00				
1.90	Total Auxiliary Consumption	%	12.33%	10.96%	7.22%	7.22%	6.00%	7.67%	6.00%	7.67%	5.75%	11.12%	9.90%	6.76%	6.00%	10.75%	10.75%	6.00%	6.00%	6.00%	6.00%	11.05%	11.05%	9.30%	9.30%	12.45%	12.45%	10.81%	10.81%	6.56%	6.56%	3.04%	3.04%	3.10%	3.10%	#DIV/0!	1.00%				
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU	11.38	10.11	34.71	28.84	26.33	19.83	50.51	44.14	20.04	17.78	34.18	29.58	85.94	69.20	18.26	16.70	30.22	25.43	25.61	24.49	15.93	10.88	14.52	12.62	71.13	65.03	7.49	7.62	6.03	6.03	0.00	0.00							
1.11	Net Generation (= 1.4 - 1.10)	MU	80.85	68.61	446.01	446.01	451.87	451.87	318.61	318.61	275.12	275.12	240.4058	240.4058	801.22	240.4058	801.22	817.76	817.76	261.61	261.61	243.238131	243.238131	248.02	248.02	112.07	112.07	102.195	102.195	1012.65	1012.65	238.414817	238.414817	0.00	0.00						
1.12	Heat Rate	kcal/kWh	2800.06	2787.00	2549.29	2549.29	2375.00	2288.23	2375.00	2288.23	2139.47	2139.47	2308.41	2308.41	2366.54	2366.54	2375.00	2368.00	2366.54	2366.54	2449.05	2449.05	2449.32	2449.32	2441.05	2441.05	2448.63	2448.63	2230.00	2230.00	2207.46	2207.46	2035.00	2035.00	#DIV/0!	2900.00					
1.13	Secondary Fuel Oil Consumption	ml/kWh	1.75	1.40	0.71	0.50	1.70	0.50	0.65	1.20	0.43	0.50	0.93	1.00	0.60	1.00	0.27	0.50	0.85	0.50	0.73	0.50	0.80	0.60	0.81	0.47	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50						
1.14	Transit Loss for Domestic Coal	%	0.596%	0.800%	0.913%	0.800%	0.723%	0.800%	0.800%	0.968%	0.800%	0.800%	0.974%	0.800%	1.552%	0.800%	0.419%	0.800%	0.321%	0.800%	0.248%	0.800%	0.809%	0.800%	0.634%	0.800%	2.305%	0.800%	1.730%	0.800%	0.0%	0.0%	0.0%	0.0%							
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%	0%	0%	0%					
SIR coal component			2782.94	2773.27	2542.29	2370.10	2251.59	2134.15	2749.78	2618.59	2655.39	2370.24	2799.58	2744.46	2647.86	2678.67	2363.99	2370.33	2414.24	2410.29	2433.17	2410.27	2458.57	2410.27	2544.15	2429.26	2444.20	2225.29													
2	Fuel parameters (for each primary and secondary fuel)																																								
2.1	Calorific Value																																								
2.1.1	Domestic Coal (As Billed)	kcal/kg	3920.00	3920	3804	3804	3949.00	3949	3918	3918	3918	3918	3918	3918	3769	3769	3897	3897	4050	4050	3882.00	3882.00	3715	3715	3719	3719.00	3725.00	3725.00	4023.00	4023.00			8705	8705			0	0			
2.1.2	Imported Coal (As Billed)	kcal/kg	4601.00	4601	4603	4603	4602.00	4601	4683	4683	4661	4661	4661	4661	4611	4611	4683	4683	4679	4679	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2.1.3	Wash Coal (As Billed)	kcal/kg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3764.00	3764.00	3764.00	3764.00	0.00	0.00	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			
Domestic Coal (As Received)- Actual			3169.00	3169.00	3050.00	3050.00	3181.00	3181.00	3126.00	3126.00	3122.00	3122.00	3122.00	3122.00	3021.00	3021.00	3276.00	3276.00	3478.00	3478.00	3245.00	3245.00	3198.00	3198.00	3200.00	3200.00	2976.00	2976.00	3312.00	3312.00											
GCV loss between loading end and unloading end-Domestic Actual			751.00	751.00	754.00	754.00	768.00	768.00	796.00	796.00	796.00	796.00	796.00	796.00	748.00	748.00	621.00	621.00	572.00	572.00	637.00	637.00	517.00	517.00	519.00	519.00	749.00	749.00	711.00	711.00											
GCV loss between loading end and unloading end as per MERC MYT Regulations 2024.			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	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			750.00	750.00	750.00	750.00	750.00	750.00	750.00	750.00	750.00	750.00	750.00	750.00	748.00	748.00	621.00	621.00	572.00	572.00	637.00	637.00	517.00	517.00	519.00	519.00	749.00	749.00	711.00	711.00											
Domestic coal As received GCV for FAC computation			3170.00	3170.00	3054.00	3054.00	3199.00	3199.00	3168.00	3168.00	3168.00	3168.00	3168.00	3021.00	3021.00	3276.00	3276.00	3478.00	3478.00	3245.00	3245.00	3198.00	3198.00	3200.00	3200.00	2976.00	2976.00	3312.00	3312.00												
Wash Coal (As Received)			0.00	0.00	0.00	0.00	0.00	0.00	3816.00	3816.00	3816.00	3816.00	3816.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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			0.00	0.00	0.00	0.00	0.00	0.00	-52.00	-52.00	-52.00	-52.00	-52.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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. 296 of 2019 (Min. of Actual or 300)			0.00	0.00	0.00	0.00	0.00	0.00	-52.00	-52.00	-52.00	-52.00	-52.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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			0.00	0.00	0.00	0.00	0.00	0.00	3816.00	3816.00	3816.00	3816.00	3816.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	4601	4601	4603	4603	4602	4601	4683	4683	4661	4661	4661	4611	4611	4683	4683	4679	4679	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Weighted avg. received GCV Raw coal + Washed coal - Actual			3169.00	3169.00	3050.00	3050.00	3181.00	3181.00	3126.00	3126.00	3122.00	3122.00	3122.00	3122.00	3021.00	3021.00	3276.00	3276.00	3478.00	3478.00	3245.00	3245.00	3198.00	3198.00	3200.00	3200.00	2976.00	2976.00	3312.00	3312.00											
Weighted avg. received GCV Imported Coal - Actual			4601.00	4601.00	4603.00	4603.00	4602.00	4601.00	4683.00	4683.00	4661.00	4661.00	4661.00	4661.00	4611.00	4611.00	4683.00	4683.00	4679.00	4679.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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			3170.00	3170.00	3054.00	3054.00</																																			