

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 JULY-2026 (R0)
 (*Effective from 16.07.2026 to 15.08.2026)

Sr. no.	Generating Station	OWNER/TYPE	Installed Capacity/ Share in (BGS (MW)	Type of Fuel	Variable Charge Rs./KWh in Descending Order		
					Approved Variable Charge(Rs/KWh)	Impact for approved change in bid (Rs./KWh)	Total Variable Charge(Rs/KWh)
1	2	3	4	5	6	7	8
DECENTRALISED MOD STACK FOR MSEDCL							
1	KAWAS (LQ)	CS	-	Gas	24.8621		24.8621
2	KAWAS (NAPM-COM GAS)	CS	-	Gas	18.1763		18.1763
3	JGPS (NAPM-COM GAS)-Gandhar	CS	-	Gas	17.3000		17.3000
4	JGPS (RLNG) Gandhar	CS	-	Gas	10.0521		10.0521
5	KAWAS (RLNG)	CS	-	Gas	9.5398		9.5398
6	Uran GTPS (Open cycle operation)	MSPGCL		Gas	8.9690		8.9690
7	KAWAS (APM GAS)	CS	656.2/204	Gas	7.2904		7.2904
8	JGPS (APM GAS)-Gandhar	CS	657.39/200	Gas	7.2593		7.2593
9	Uran GTPS (Combined cycle operation)	MSPGCL	672	Gas	6.4290		6.4290
10	Nasik Unit - 03 to 05	MSPGCL	630	Coal	5.9800		5.9800
11	Bhusawal Unit - 03	MSPGCL	210	Coal	4.9470		4.9470
12	CGPL Coastal Gujarat	CS	760	Coal	4.8760		4.8760
13	JSW U1, Jaigad	IPP	300	Coal	3.9334	0.7090	4.6424
14	APML, Unit 1,4 & 5 (PPA-440 MW)	IPP	440	Coal	2.3689	2.2038	4.5727
15	Solapur STPS	CS	1320/616.04	Coal	4.5246		4.5246
16	APML, Unit 1,4 & 5 (PPA-1200 MW) Adani-Tiroda	IPP	1200	Coal	2.3089	2.2038	4.5127
17	APML, Unit 1,4 & 5 (PPA-125 MW) Adani-Tiroda	IPP	125	Coal	2.3089	2.2038	4.5127
18	Parali Unit - 06 & 07	MSPGCL	500	Coal	4.1340		4.1340
19	Chandrapur Unit - 03 to 07	MSPGCL	1920	Coal	4.1330		4.1330
20	Parali Unit -08	MSPGCL	250	Coal	4.1330		4.1330
21	Bhusawal Unit - 04 & 05	MSPGCL	1000	Coal	4.0610		4.0610
22	Paras Unit - 03 & 04	MSPGCL	500	Coal	3.9470		3.9470
23	APML, Unit 2 & 3 (PPA-1320 MW) Adani-Tiroda	IPP	1320	Coal	1.5730	2.3344	3.9074
24	Khaperkheda Unit - 01 to 04	MSPGCL	840	Coal	3.6490		3.6490
25	Chandrapur Unit - 08,09	MSPGCL	1000	Coal	3.6260		3.6260
26	Khargone	CS	1320/50	Coal	3.5336		3.5336
27	Koradi Unit - 06	MSPGCL	210	Coal	3.5200		3.5200
28	VMPL Vidarbha Minerals to MSEDCL Manikaran Power Ltd. (MPL))	MTOA	100	Coal	3.5103		3.5103
29	Bhusawal Unit - 06	MSPGCL	660	Coal	3.4410		3.4410
30	IEPL Case-IV Ideal Energy	STOA	180	Coal	3.5070	-0.0920	3.4150
31	Koradi Unit - 08 to 10	MSPGCL	1980	Coal	3.2840		3.2840
32	Khaperkheda Unit - 05	MSPGCL	500	Coal	3.1890		3.1890
33	VIPL UNIT-1&2 Vidarbha Industries to MSEDCL (Powerpulse)	MTOA	543	Coal	3.0224		3.0410
34	KHTPS-II Kahligaon	CS	1500/148	Coal	2.9701		2.9701
35	Gadarwara	CS	1600/50	Coal	2.9407		2.9407
36	SWPGL Unit 1234 -Sai Wardha	LTOA	240	Coal	2.4889	0.3793	2.8682
37	Jindal Power Ltd,Shirpur, Dhule to MSEDCL	MTOA	100	Coal	2.7980		2.7980
38	MSTPS-I Mauda	CS	1000/370.48	Coal	2.7036		2.7036
39	MSTPS-II Mauda	CS	1320/500.2	Coal	2.6839		2.6839
40	Jindal Power Limited,Tamnar (Interstate)	Inter/MTOA	250	Coal	2.5781		2.5781
41	GMR-Warora NTPC	Inter/LTOA	200	Coal	2.5165		2.5165
42	RattanIndia Power Ltd, Amravati	IPP	1200	Coal	2.0163	0.3555	2.3718
43	VSTP-I Vindhyachal	CS	1260/410	Coal	2.3563		2.3563
44	VSTPS-V Vindhyachal	CS	500/148.89	Coal	2.2629		2.2629
45	VSTP-II Vindhyachal	CS	1000/319	Coal	2.2472		2.2472
46	VSTPS-III Vindhyachal	CS	1000/258	Coal	2.2153		2.2153
47	VSTP-IV Vindhyachal	CS	1000/270.48	Coal	2.1900		2.1900
48	KSTPS I AND II Korba	CS	2100/610	Coal	1.5421		1.5421
49	KSTPS-III Korba	CS	500/108.2	Coal	1.5208		1.5208
50	Lara	CS	1600/230	Coal	1.4539		1.4539
51	SSTPS-II Sipat	CS	1000/258	Coal	1.4467		1.4467
52	SSTPS-I Sipat	CS	1980/510	Coal	1.4327		1.4327
DECENTRALISED MOD STACK FOR AEML-D							
1	ADTPS U-1 & 2 Adani,Dahanu	ADTPS	500	Coal	3.7910	0.0000	3.7910
2	SWPGL U1234 Sai Wardha TO AEML	MTOA	100	Coal	2.7850	0.0000	2.7850
3	DHARIWAL TO AEML	Inter/STOA	125	Coal	2.7690	0.0000	2.7690
4	IEPL -Ideal Energy TO AEML	MTOA	50	Coal	2.7690	0.0000	2.7690
5	JINDAL PL U1&2 Dhule to AEML	MTOA	100	Coal	2.7140	0.0000	2.7140
DECENTRALISED MOD STACK FOR TPCL-D							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	14.9530	0.0000	14.9530
2	TPC U-5	TATA	500.0000	Coal/Oil/Gas	6.9780	0.0000	6.9780
3	TPC U-8	TATA	250.0000	Coal	6.8010	0.0000	6.8010
4	TPC U-7 (APM)	TATA	180.0000	Gas	6.2950	0.0000	6.2950
5	JINDAL PL TO TATA-D	MTOA	70.0000	Coal	2.7830	0.0000	2.7830
DECENTRALISED MOD STACK FOR BEST-D							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	14.9530	0.0000	14.9530
2	TPC U-5	TATA	500.0000	Coal/Oil/Gas	6.9780	0.0000	6.9780
3	TPC U-8	TATA	250.0000	Coal	6.8010	0.0000	6.8010
4	TPC U-7 (APM)	TATA	180.0000	Gas	6.2950	0.0000	6.2950
5	SWPGL TO BEST	MTOA	125.0000	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" is updated on mahasdc.in website.

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

4) Hydro generation is not considered for MOD. Central sector optimization is carried out in WRLLDC's website manually by considering its MOD rates.

5) Gas and RE and Nuclear Generation is considered as "MUST RUN" except TPCU-7 APM & RLNG(NAPM GAS).

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Regulatory & Commercial Dept.

Prakashgad, 3rd Floor,

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Energy Bill No: 001/2026

Bill Date: 01-07-2026

Due date: 14-08-2026

THERMAL & GAS STATIONS Energy bill for the month of June-2026

SR. NO.	POWER STATION	UNITS SENT OUT Sheduled generation (Mus)	ENERGY RATE (Rs./Unit)	MONTHLY ENERGY CHARGE (Rs. in Lakhs)	APPROVED MONTHLY FIXED CHARGE (Rs.in Lakhs)	BILL CLAIMED FOR THE MONTH (Rs.in Lakhs)	ADDITIONAL AFC DISALLOWANCE ADJUSTED FOR THE CURRENT MONTH (Rs.LAKHS.)	NET FC AFTER ADJUSTING THE AFC DISALLOWANCE UPTO THE MONTH (Rs.in Lakhs)	NET BILL CLAIMED FOR THE MONTH (Rs.in Lakhs)
a	b	c	d	e = (c * d)*10	f	g = e + f	h = oo	i = f - h	j = g - h
1	BHUSAWAL (Unit 3)	86.020640	5.329	4584.0399056	1406.8655917	5990.9054973	-314.7075133	1721.5731050	6305.6130106
2	BHUSAWAL (Unit 4-5)	515.395682	4.404	22698.0258353	7628.2735658	30326.2994011	-133.6360517	7761.9096175	30459.9354528
3	BHUSAWAL (Unit 6)	314.572157	3.668	11538.5067188	10976.0833333	22514.5900521	788.1860876	10187.8972457	21726.4039645
4	KHAPARKHEDA (Unit 1- 4)	297.617387	3.840	11428.5076608	6361.2198017	17789.7274625	1217.7941706	5143.4256311	16571.9332919
5	KHAPARKHEDA U # 5	278.256621	3.428	9538.6369679	5432.3968175	14971.0337854	-0.2048067	5432.6016242	14971.2385921
6	NASHIK (Unit 3-5)	227.475555	5.401	12285.9547256	4064.5530408	16350.5077664	-398.6313325	4463.1843733	16749.1390989
7	CHANDRAPUR (Unit 3-7)	674.450287	4.658	31415.8943685	10585.6841450	42001.5785135	113.9630264	10471.7211186	41887.6154871
8	CHANDRAPUR (Unit- 8 & 9)	451.669564	3.617	16336.8881299	10040.3779750	26377.2661049	1174.5673390	8865.8106360	25202.6987659
9	PARAS (Unit 3- 4)	218.600944	4.202	9185.6116669	4740.1221492	13925.7338161	436.1090470	4304.0131022	13489.6247691
10	PARLI (Unit 6- 7)	223.172504	5.530	12341.4394712	5088.5062175	17429.9456887	105.0901477	4983.4160698	17324.8555410
11	PARLI (Unit 8)	130.988369	5.393	7064.2027402	3162.9899383	10227.1926785	-483.9872658	3646.9772041	10711.1799443
12	KORADI (Unit 6)	87.534647	3.703	3241.4079784	2834.4690258	6075.8770042	24.9269239	2809.5421019	6050.9500803
13	KORADI (Unit- 8,9 & 10)	893.200515	3.378	30172.3133967	17825.5767292	47997.8901259	763.2470066	17062.3297226	47234.6431193
14	GTPS URAN (Unit 5 -10)	189.518102	5.232	9915.5870966	2053.6608050	11969.2479016	0.0000000	2053.6608050	11969.2479016
	TOTAL THERMAL	4588.472974		191747.0166624	92200.7791358	283947.7957982	3292.7167788	88908.0623570	280655.0790194
ENERGY BILL FOR SUPPLY OF ENERGY FROM MAHAGENCO's THERMAL & GAS POWER STATIONS TO MAHAVITARAN FOR THE MONTH OF June 2026									280655.0790194

Bill amount in words Rs. Two Thousand Eight Hundred Six Crores Fifty Five Lakhs Seven Thousand Nine Hundred One Rupees and Ninety Four Paise Only (E & OE)

**Chief Engineer,
Regulatory & Commercial Dept.**

Calculation for Cummulative AVF Based AFC Disallowance upto June 2026

Month :Jun-26

Season :Low 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 Cummulative AVF upto June 2026 (%)	Actual off-peak period Cummulative AVF upto June 2026 (%)	Capacity Charge for Peak Hours of the Month	Capacity Charge for Off-Peak Hours of the Month	Recoverable Capacity charge as per actual availability factor	Fixed charge disallowance to be passed on	AFC Disallowance adjusted up to last month (Rs. Lakhs.)	Additional AFC disallowance adjustment to be done in the bill for the month of June 2026(Rs. Lakhs.)
aa	bb	cc	dd	ee	ff	gg	hh	ii	jj	kk	ll = jj + kk	mm = dd - ll	nn	oo = mm - nn
1	BHUSAWAL (Unit 3)	19025.0644000	1585.4220333	85.000%	317.0844067	1268.3376267	88.233%	89.047%	317.0844067	1268.3376267	1585.42203	0.0000000	314.70751	-314.7075133
2	BHUSAWAL (Unit 4-5)	91131.7793600	7594.3149467	85.000%	1518.8629893	6075.4519573	90.557%	90.121%	1518.8629893	6075.4519573	7594.31495	0.0000000	133.63605	-133.6360517
3	BHUSAWAL (Unit 6)	131713.0000000	10976.0833333	85.000%	2195.2166667	8780.8666667	76.129%	79.588%	1966.1135249	8221.7837208	10187.89725	788.1860876	0.00000	788.1860876
4	KHAPARKHEDA (Unit 1- 4)	81594.8427600	6799.5702300	85.000%	1359.9140460	5439.6561840	56.867%	58.050%	909.8144948	3714.9651939	4624.77969	2174.7905414	956.99637	1217.7941706
5	KHAPARKHEDA U # 5	60878.8084100	5073.2340342	85.000%	1014.6468068	4058.5872273	88.429%	87.742%	1014.6468068	4058.5872273	5073.23403	0.0000000	0.20481	-0.2048067
6	NASHIK (Unit 3-5)	48941.3535800	4078.4461317	85.000%	815.6892263	3262.7569053	94.277%	94.683%	815.6892263	3262.7569053	4078.44613	0.0000000	398.63133	-398.6313325
7	CHANDRAPUR (Unit 3-7)	151694.8579200	12641.2381600	80.000%	2528.2476320	10112.9905280	64.096%	65.041%	2025.6320028	8221.9877116	10247.61971	2393.6184456	2279.65542	113.9630264
8	CHANDRAPUR (Unit- 8 & 9)	117863.6578800	9821.9714900	85.000%	1964.3942980	7857.5771920	73.894%	75.068%	1707.7288501	6939.4424076	8647.17126	1174.8002323	0.23289	1174.5673390
9	PARAS (Unit 3- 4)	57282.1300200	4773.5108350	85.000%	954.7021670	3818.8086680	73.809%	75.029%	829.0072029	3370.8399477	4199.84715	573.6636845	137.55464	436.1090470
10	PARALI (UNIT 6-7)	57836.5480700	4819.7123392	85.000%	963.9424678	3855.7698713	81.324%	82.548%	922.2547912	3744.5422510	4666.79704	152.9152969	47.82515	105.0901477
11	PARALI (UNIT 8)	41760.8802800	3480.0733567	85.000%	696.0146713	2784.0586853	97.221%	97.433%	696.0146713	2784.0586853	3480.07336	0.0000000	483.98727	-483.9872658
12	KORADI (Unit 6)	29827.8196300	2485.6516358	75.000%	497.1303272	1988.5213087	71.214%	76.307%	472.0351883	1988.5213087	2460.55650	25.0951389	0.16822	24.9269239
13	KORADI (Unit- 8, 9 & 10)	228486.9355700	19040.5779642	85.000%	3808.1155928	15232.4623713	72.123%	72.574%	3231.2084812	13005.6555781	16236.86406	2803.7139049	2040.46690	763.2470066
14	GTPS URAN (Unit 5 -10)	24497.9328700	2041.4944058	40.890%	408.2988812	1633.1955247	65.522%	66.188%	408.2988812	1633.1955247	2041.49441	0.0000000	0.00000	0.0000000
	TOTAL THERMAL	1142535.6107500	95211.3008959		19042.2601792	76169.0407167			16834.3915177	68290.1260461	85124.5175638	10086.7833321	6794.0665533	3292.7167788
	Rs. Thirty Two Crores Ninety Two Lakhs Seventy One Thousand Six Hundred Seventy Seven and Eighty Eight Paise Only (E & OE)													3292.7167788

Chief Engineer,
Regulatory & Commercial Dept.

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Bill No. 35/2026		Bill Date: 01-07-2026				Due date: 14-08-2026			
Energy Bill of MAHAGENCO for the Month of Jun-2026 [From 01-06-2026 (00.00 Hrs) to 30-06-2026 (24:00 Hrs)]									
ENERGY BILL FOR LARGE HYDRO POWER STATIONS									
I. ENERGY BILL FOR HIGH CAPACITY HYDRO POWER STATIONS									
Sr. No.	POWER STATION	UNITS SENT OUT (MU)	ENERGY RATE (Rs/ kWh)	Energy Charge (Rs. Lakhs)	NAPAF (as per MERC)	Approved Monthly Fixed Charges as per NAPAF (Rs. In Lakhs)	Actual PAFM for the month	*Incentive for the month as per actual PAFM	BILL AMOUNT (Rs. Lakhs)
a	b	c	d	e = (c*d)*10	f	g	h	i	j=e+g+i
KOYNA HPS									
1	KGSC Stage I & II	15.968824	0.784	125.195580	89.65	626.048975	100.00	72.276705	823.521260
2	KGSC Stage III	5.243380	0.784	41.108099	89.65	333.892787	87.50	-8.007467	366.993419
3	KGSC Stage IV	1.761440	0.784	13.809690	89.65	1043.414959	100.00	120.461181	1177.685830
4	KDPH	3.667000	0.784	28.749280	89.65	37.562939	100.00	4.336602	70.648820
5	Total KGSC	26.640644		208.862649		2040.919659		189.067021	2438.849329
BHIRA TR HPS									
6	Bhira HPS U # 1 & 2	8.861150	1.116	98.890434	90.00	64.629977	100.31	7.405543	170.925954
7	Bhira Total	8.861150		98.890434		64.629977	100.31	7.405543	170.92595
TILLARI HPS									
8	Tillari HPS U # 1	2.169750	1.298	28.163355	90.00	113.335684	100.00	12.592856	154.091895
9	Tillari Total	2.169750		28.163355		113.335684	100.00	12.592856	154.09190
10	Total for High Capacity Hydro P.S.	37.671544		335.916438		2218.88532		209.06542	2763.86718
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	7.699659	0.00000	0.00000		295.22706			295.22706
12	Ghatghar PSS	13.520550	0.00000	0.00000		1998.53961			1998.53961
13	Total Mahagenco's Hydro (Including Ghatghar PSS)	58.891753							5057.63385
III. BILLSUMMARY									
14	TOTAL ENERGY BILL AMOUNT IN RS. CR. FOR MSPGCL'S LARGE HYDRO STATIONS FOR THE MONTH OF							June-2026	50.5763385
Total Energy Bill Amount for MSPGCL's Large Hydro Power Stations is Rs. 50.5763385 Cr. in words (Rupees Fifty Crore Fifty Seven Lakh Sixty Three Thousand Three Hundred Eighty Five and Paise Zero Only) (E & OE).									
*Capacity Charges, Energy Charges & incentive for Koyna, Bhira TR and Tillari are separately indicated as per Clause No. 10.2.2 of MERC MYT Order in Case no. 187 of 2024									
Chief Engineer (Regulatory & Commercial Dept.)									

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Bill No. 036/2026		Bill Date: 01-07-2026		Due Date: 14-08-2026		
Energy Bill of MAHAGENCO for the Month of Jun-2026 [From 01-06-2026 (00.00 Hrs) to 30-06-2026 (24:00 Hrs)]						
ENERGY BILL FOR SMALL HYDRO POWER STATIONS						
Sr.No.	NAME OF H. P. S.	Capacity (No. of Units X MW)	Net energy exported in MUs	Fix charges in Rs. Lakh		
YELDARI DIVISION						
1	Yeldari	3 X 7.5	1.150061	118.08750		
2	Paithan	1 X 12	-0.005064	61.39460		
VAITARNA DIVISION						
4	Vaitarna Dam Toe	1 X 1.5	-0.002861	7.38068		
5	Bhatsa	1 X 15	6.970830	91.20899		
6	Surya	1 X 6	0.901397	79.13849		
BHATGHAR DIVISION						
8	Bhatghar	1X 16	-0.015831	120.28915		
9	Kanher	1 X 4	0.171200	46.53440		
10	Dhom	2 X 1	0.006235	-49.42532		
11	Ujjani	1 X 12	-0.021187	180.10325		
12	Warana	2 X 8	0.266972	163.71399		
PANSHET DIVISION						
13	Panshet	1 X 8	1.370690	83.51254		
14	Varasgaon	1 X 8	1.438049	51.40304		
15	Pawana	1 X 10	1.076871	70.57409		
16	Manikdoh	1 X 6	-0.005105	77.02449		
17	Dimbhe	1 X 5	-0.002546	77.44905		
TILLARI DIVISION						
18	Dudhganga	2 X 12	1.822500	168.99181		
19	Terwanmedhe	1 X 0.2	0.007540	8.00020		
20	Radhanagari	4 X 1.2	-0.000200	0.00000		
TOTAL SMALL HYDRO						
TOTAL			15.1295510	1355.38095		
III. BILL SUMMARY						
21	TOTAL ENERGY BILL IN RS CRORE AMOUNT FOR MAHAGENCO'S SMALL HYDRO STATIONS FOR THE MONTH OF		Jun-26	13.5538095		
Amount in words (Rupees Thirteen Crore Fifty Five Lakh Thirty Eight Thousand Ninety Five and Paise Zero Only)						
Chief Engineer (RCD)						

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

Bill No	43/2026	Date:	10-07-2026	Due date:			23-08-2026
Provisional Part-I Fuel Surcharge Adjustment bill for the Month of June-2026							
THERMAL & GAS STATIONS							
SR. NO.	POWER STATION	ECR Considered for Monthly Energy Bill (Rs/Kwh)	Calculated VC without FGD (Rs/Kwh)	Calculated VC with FGD (Rs/Kwh)	Adjustment of FSA Rate (Rs./kWh)	Net Generation sent out (MU's)	FAC-I (Rs. Lakh)
		(a)	(b)		(c) = (b -a)	(d)	(e) = d X c X 10
1	BHUSAWAL (Unit 3)	5.329	4.947		-0.382	86.020640	-328.5988448
2	BHUSAWAL (Unit 4-5)	4.404	4.061		-0.343	515.395682	-1767.8071893
3	BHUSAWAL (Unit 6)	3.668	3.441		-0.227	314.572157	-714.0787964
4	KHAPARKHEDA (Unit 1- 4)	3.840	3.649	3.657	-0.183	297.617387	-544.6398182
5	KHAPARKHEDA (Unit 5)	3.428	3.189		-0.239	278.256621	-665.0333242
6	NASHIK (Unit 3-5)	5.401	5.980		0.579	227.475555	1317.0834635
7	CHANDRAPUR (Unit 3-7)	4.658	4.133		-0.525	674.450287	-3540.8640068
8	CHANDRAPUR (Unit- 8 & 9)	3.617	3.626		0.009	451.669564	40.6502608
9	PARAS (Unit 3- 4)	4.202	3.947		-0.255	218.600944	-557.4324072
10	PARLI (UNIT 6-7)	5.530	4.134		-1.396	223.172504	-3115.4881558
11	PARLI (UNIT 8)	5.393	4.133		-1.260	130.988369	-1650.4534494
12	KORADI (Unit 6)	3.703	3.520	3.578	-0.125	87.534647	-109.4183088
13	KORADI (Unit-8,9 & 10)	3.378	3.284		-0.094	893.200515	-839.6084841
14	URAN GTPS (Combine cycle)	5.232	6.429		1.197	187.031500	2238.7670550
15	URAN GIPS (Open cycle)	5.232	8.969		3.737	2.486602	92.9243167
	TOTAL MSPGCL FAC BILL					4588.472974	-10143.9976890

The provisional Part-I Fuel Surcharge Adjustment Bill for MSPGCL stations to MSEDCL for the month of Jun-26 is Rs. - 1,01,43,99,768.90/- (In words, withdrawal of Rupees One Hundred & One Crore Forty Three Lakh Ninety Nine Thousand Seven Hundred Sixty Eight and Paise Ninety Only)

Chief Engineer,
Regulatory & Commercial Dept.

FAC Bill-June 26 F10

F10 - ECR calculation for June-2022		100.82		565.82		345.52		340.90		305.14		273.75		765.14		496.13		248.83		254.27		147.98		101.81		combined cycle		Open cycle																																			
S. No.	Particulars	Units	Bhusawal	Bhusawal	Bhusawal 4 & 5	Bhusawal 4 & 5	Bhusawal 6	Bhusawal 6	Khaparsheds-1 TO 4	Khaparsheds-1 TO 4	Khaparsheds-5	Khaparsheds-5	Nashik	Nashik	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	Parit Units 6 & 7	Parit Units 6 & 7	Parit Unit 8	Parit 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	Actual	Normative																													
1.1	Total Capacity	MW	210	210	1000	1000	660	660	840.00	840.00	500.00	500.00	630.00	630.00	1920	1920	1000	1000	500	500	500	500	500	500	250	250	250	250	210	210	1980	1980	672	672																													
1.2	Availability	%	88.93%	88.93%	90.19%	90.19%	79.01%	79.01%	87.85%	87.85%	87.86%	87.86%	94.62%	94.62%	84.88%	84.88%	74.87%	74.87%	74.83%	74.83%	82.34%	82.34%	97.40%	97.40%	97.40%	97.40%	75.46%	75.46%	72.50%	72.50%	66.08%	66.08%	66.08%	66.08%																													
1.3	PLF	%	64.40%	64.40%	76.05%	76.05%	70.37%	70.37%	54.55%	54.55%	82.03%	82.03%	58.40%	58.40%	53.56%	53.56%	66.68%	66.68%	66.92%	66.92%	66.92%	66.92%	68.35%	68.35%	79.55%	79.55%	65.16%	65.16%	66.62%	66.62%	40.42%	40.42%	40.42%	40.42%																													
1.40	Gross Generation	MU	101.50	101.50	551.63	551.63	335.13	335.13	342.19	342.19	299.05	299.05	264.91	264.91	762.50	762.50	486.89	486.89	245.15	245.15	252.68	252.68	145.56	145.56	145.56	145.56	98.06	98.06	964.80	964.80	193.21	193.21	2.75	2.75																													
1.50	Auxiliary Consumption excluding FGD	%	12.71%	10.96%	6.06%	6.06%	6.68%	6.68%	12.44%	9.70%	6.57%	6.57%	12.96%	10.75%	11.69%	8.67%	6.90%	6.90%	11.59%	9.30%	12.41%	10.74%	8.50%	9.30%	10.74%	8.50%	11.37%	10.81%	6.95%	6.95%	3.10%	0.64%	1.00%	1.00%																													
1.60	Auxiliary Consumption excluding FGD	MU	12.90	11.12	38.92	33.10	22.39	19.27	42.56	33.19	19.54	17.94	34.34	28.48	89.14	66.11	33.58	29.21	28.41	22.80	31.36	23.50	15.64	12.37	11.15	10.60	67.05	57.89	5.58	5.58	0.02	0.03																															
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%																														
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																														
1.90	Total Auxiliary Consumption	%	12.71%	10.96%	7.06%	6.06%	6.68%	6.68%	12.46%	9.90%	6.57%	6.06%	12.96%	10.75%	11.69%	8.67%	6.90%	6.90%	11.59%	9.30%	12.41%	10.74%	8.50%	9.30%	10.74%	8.50%	11.40%	11.01%	6.95%	6.95%	3.10%	0.64%	1.00%	1.00%																													
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU	12.90	11.12	38.92	33.10	22.39	19.27	42.62	33.25	19.64	17.94	34.34	28.48	89.14	66.11	33.58	29.21	28.410493	22.80	31.36	23.50	15.64	12.37	11.18	10.63	67.75	57.89	5.58	5.58	0.018	0.028																															
1.11	Heat Generation (= 1.4 - 1.10)	MU	88.60	90.38	513.71	518.54	312.74	315.86	299.57	308.94	279.40	281.10	214.57050	216.44	673.36	696.39	453.31	457.68	216.734507	221.35	221.32	229.18	129.92	133.18	86.882	87.43	697.75	697.75	187.22	187.22	2.73	2.73																															
1.12	Heat Rate	kcal/kWh	2847.53	2787.00	2032.68	2375.00	2185.13	2134.05	2714.99	2630.00	2384.59	2375.00	2374.00	2374.00	2688.00	2425.37	2455.10	2455.10	2578.17	2415.00	2511.00	2415.00	2461.42	2415.00	2534.30	2445.75	2442.18	2445.75	2102.26	2035.00	3294.66	2940.00																															
1.13	Secondary Fuel Oil Consumption	ml/kWh	0.62	1.40	0.21	0.50	0.95	0.50	1.33	1.20	0.00	0.50	0.87	1.00	0.54	1.00	0.54	1.00	1.64	0.50	2.87	0.50	0.50	0.50	1.73	2.81	0.41	0.50																																			
1.14	Transit Loss for Domestic Coal	%	0.852%	0.800%	1.037%	0.800%	1.459%	0.800%	0.148%	0.800%	0.396%	0.800%	0.692%	0.800%	-0.082%	0.800%	0.078%	0.800%	1.924%	0.800%	1.451%	0.800%	0.620%	0.800%	0.809%	0.800%	0.490%	0.800%																																			
1.15	Transit Loss for washed Coal	%	0%	0%					0.24%	8%	0.44%				0%		0.00%	0.00%					0%	0.73%	0%																																						
SHR coal+ Bio Pallet component			2841.56	2773.54	2430.66	2370.19	2173.98	2134.24	2702.52	2618.74	2384.59	2370.31	2795.59	2744.55	2678.12	2678.36	2420.02	2370.18	2562.63	2410.26	2483.92	2410.27	2459.04	2410.27	2518.03	2429.28	2438.33	2225.29																																			
2	Fuel parameters (for each primary and secondary fuel)																																																														
2.1	Calorific Value																																																														
2.1.1	Imported Coal (As Billed)	kcal/kg	3743.00	3743	3833	3833	3858.00	3858	3785	3785	3785	3785	3699	3699	4048	4048	4052	4052	3771.00	3771.00	4074	4074	4066	4066	4066.00	4066.00	3828.00	3828.00	3858.00	3858.00	8736	8736	8726	8726																													
2.1.2	Imported Coal (As Billed)	kcal/kg	0.00	0	0	0	0.00	0	4709	4709	4660	4660	4631	4631	4660	4660	4665	4665	0	0	0	0	0	0	0	0	0.00	0.00	4658.00	4658.00																																	
2.1.3	Wash Coal (As Billed)	kcal/kg	0.00	0.00	4100.00	4100.00	0.00	0.00	4101.00	4101.00	4101.00	4101.00	4101.00	4101.00	0.00	0.00	3766	3766.00	3827.00	3827.00	3827.00	3827.00	3827.00	3827.00	3827.00	3827.00	3827.00	3827.00	3827.00	3827.00	3827.00	3827.00	3827.00	3827.00																													
Domestic Coal (As Received)- Actual			3124.00	3124.00	3208.00	3208.00	3165.00	3165.00	2844.00	2844.00	2844.00	2844.00	3000.00	3000.00	3282.00	3282.00	3272.00	3272.00	3025.00	3025.00	3344.00	3344.00	3336.00	3336.00	3336.00	3336.00	3336.00	3336.00	3336.00	3336.00	3336.00	3336.00	3336.00	3336.00																													
GCV loss between loading end and unloading end-Domestic Actual			619.00	619.00	625.00	625.00	693.00	693.00	941.00	941.00	941.00	941.00	699.00	699.00	766.00	766.00	780.00	780.00	746.00	746.00	730.00	730.00	730.00	730.00	730.00	730.00	730.00	730.00	730.00	730.00	730.00	730.00	730.00																														
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																													
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