

MoD stack is prepared as per Clause 33 of State Grid Code Regulation 2020 issued by Hon. MERC on dtd. 02.09.2020

Revised DISCOM WISE MOD STACK OF VARIABLE CHARGES (VC) FOR OCTOBER-2023 (R1)

(*Effective from 18.10.2023 to 15.11.2023)

Sr. no.	Generating Station	OWNER/T YPE	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 (NAPM-COM GAS)	CS	-	Gas	12.0025	0.0000	12.0025
2	GANDHAR (NAPM-COM GAS)	CS	-	Gas	11.9072	0.0000	11.9072
3	KAWAS (RLNG)	CS	-	Gas	10.5964	0.0000	10.5964
4	JGPS (RLNG)	CS	-	Gas	10.3790	0.0000	10.3790
5	Uran GTPS (Open cycle operation)	MSPGCL	-	Gas	7.2250	0.0000	7.2250
6	KAWAS (APM GAS)	CS	200	Gas	5.8915	0.0000	5.8915
7	GANDHAR (APM GAS)	CS	204	Gas	5.8708	0.0000	5.8708
8	Uran GTPS (Combined cycle operation)	MSPGCL	840	Gas	5.1800	0.0000	5.1800
9	APML, Unit 2 & 3 (1320 MW)	IPP	1320	Coal	1.6770	3.4445	5.1215
10	APML, 440 MW	IPP	440	Coal	2.4081	2.6879	5.0960
11	APML, Unit 1,4 & 5 1200 MW	IPP	1200	Coal	2.3481	2.6879	5.0360
12	APML, Unit 1,4 & 5 125 MW	IPP	125	Coal	2.3481	2.6879	5.0360
13	Parali Unit - 06 & 07	MSPGCL	500	Coal	4.8370	0.0000	4.8370
14	Parali Unit -08	MSPGCL	250	Coal	4.8090	0.0000	4.8090
15	Nasik Unit - 03 to 05	MSPGCL	630	Coal	4.4430	0.0000	4.4430
16	Bhusawal Unit - 03	MSPGCL	210	Coal	4.4040	0.0000	4.4040
17	Solapur STPS	CS	642	Coal	4.2473	0.0000	4.2473
18	Bhusawal Unit - 04 & 05	MSPGCL	1000	Coal	3.8650	0.0000	3.8650
19	CGPL	CS	760	Coal	3.8310	0.0000	3.8310
20	JSW U1, Jaigad	IPP	300	Coal	3.7500	0.0000	3.7500
21	Chandrapur Unit - 03 to 07	MSPGCL	1920	Coal	3.6440	0.0000	3.6440
22	Khargone	CS	85	Coal	3.6032	0.0000	3.6032
23	IEPL TO MSEDCL	STOA	180	Coal	3.3580	0.0000	3.3580
24	Chandrapur Unit - 08,09	MSPGCL	1000	Coal	3.2610	0.0000	3.2610
25	KHTPS-II	CS	148	Coal	3.2367	0.0000	3.2367
26	Koradi Unit - 06	MSPGCL	210	Coal	3.1210	0.0000	3.1210
27	Koradi Unit - 08 to 10	MSPGCL	1980	Coal	3.1000	0.0000	3.1000
28	MSTPS-II	CS	531	Coal	3.0596	0.0000	3.0596
29	MSTPS-I	CS	394	Coal	3.0296	0.0000	3.0296
30	Khaperkheda Unit - 01 to 04	MSPGCL	840	Coal	2.9670	0.0000	2.9670
31	SWPGPL TO MSEDCL	LTOA	240	Coal	2.5281	0.4005	2.9286
32	Gadarwara	CS	46	Coal	2.8884	0.0000	2.8884
33	RattanIndia Power Ltd, Amravati	IPP	1200	Coal	2.3523	0.5360	2.8883
34	Paras Unit - 03 & 04	MSPGCL	500	Coal	2.7900	0.0000	2.7900
35	EMCO	CS	200	Coal	2.7783	0.0000	2.7783
36	Khaperkheda Unit - 05	MSPGCL	500	Coal	2.5720	0.0000	2.5720
37	VSTP-I	CS	432	Coal	1.7844	0.0000	1.7844
38	VSTPS-V	CS	161	Coal	1.7229	0.0000	1.7229
39	VSTP-II	CS	336	Coal	1.6971	0.0000	1.6971
40	VSTPS-III	CS	275	Coal	1.6745	0.0000	1.6745
41	VSTP-IV	CS	294	Coal	1.6540	0.0000	1.6540
42	Lara	CS	114	Coal	1.5836	0.0000	1.5836
43	SSTPS-II	CS	274	Coal	1.5226	0.0000	1.5226
44	SSTPS-I	CS	556	Coal	1.4784	0.0000	1.4784
45	KSTPS I AND II	CS	635	Coal	1.4732	0.0000	1.4732
46	KSTPS-III	CS	120	Coal	1.4316	0.0000	1.4316
DECENTRALISED MOD STACK FOR AEML							
1	ADTPS U-1 & 2	DTPS	500	Coal	4.0428	0.0000	4.0428
DECCENTRALISED MOD STACK FOR TPCL-D							
1	TPC U-7 (RLNG)-NAPM	TATA	xxx	Gas	10.5490	0.0000	10.5490
2	TPC U-5	TATA	500	Coal/Oil/Gas	6.2320	0.0000	6.2320
3	TPC U-8	TATA	250	Coal	6.1260	0.0000	6.1260
4	TPC U-7 (APM) *	TATA	180	Gas	5.0170	0.0000	5.0170
DECENTRALISED MOD STACK FOR BEST							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	10.5490	0.0000	10.5490
2	TPC U-5	TATA	500	Coal/Oil/Gas	6.2320	0.0000	6.2320
3	TPC U-8	TATA	250	Coal	6.1260	0.0000	6.1260
4	TPC U-7 (APM) *	TATA	180	Gas	5.0170	0.0000	5.0170
5	SWPGL TO BEST	MTOA	100	Coal	2.2600	0.0000	2.2600
DECENTRALISED MOD STACK FOR RAILWAY							
1	DHARIWAL U-1 TO RAILWAY (*Scheduled by WRLDC)	MTOA	210	Coal	2.1800	0.0000	2.1800
NOTE-							

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

2) *R1 updated on mahasidc.in website on dated 17.10.2023 due to change in variable rates of JSW U-1 & CGPL submitted by CEPP. And due to change in variable rates of TPCL U-5 & 8 submitted by TPC-D

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.

6) ISGS Share of Maharashtra during peak hours (18:00 to 22:00hrs) is shown as capacity allocated to MSEDCL.

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 OCTOBER-2023 (R0)

(*Effective from 16.10.2023 to 15.11.2023)

Sr. no.	Generating Station	OWNER/T YPE	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
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6	KAWAS (APM GAS)	CS	200	Gas	5.8915	0.0000	5.8915
7	GANDHAR (APM GAS)	CS	204	Gas	5.8708	0.0000	5.8708
8	Uran GTPS (Combined cycle operation)	MSPGCL	840	Gas	5.1800	0.0000	5.1800
9	APML, Unit 2 & 3 (1320 MW)	IPP	1320	Coal	1.6770	3.4445	5.1215
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6) ISGS Share of Maharashtra during peak hours (18:00 to 22:00hrs)is shown as capacity allocated to MSEDCL.

Ref No: RCD23/45-A/LT1131

Date: 01-Oct-23

To,

The Chief Engineer (Power Purchase)

Maharashtra State Electricity Distribution Company,
5th floor, Prakashgad, Bandra (E),

Sub: Provisional Energy Bill for the supply of power from MSPGCL's Thermal & Gas Power Stations' for the month of September 2023

Ref: 1) Power Purchase Agreement between MSPGCL & MSEDCL, dated 01.04.2009
2) Jointly signed meter readings
3) MERC order in Case No. 227 of 2022 dated 31st March 2023
4) DSM Regulation 2019
5) Suo-Muto MERC Order dated 07th Oct 2021
6) MSEDCL's letter CE/PP/MSPGCL/Billing Issues/25577 dtd 25.08.2023

Dear Sir,

Please find attached herewith the monthly energy bill for the Month of September 2023, Bill No. (060/2023) for supply of Power from for MSPGCL's Thermal & Gas Power Stations to MSEDCL.

Mahagenco's Thermal & Gas Power Stations have supplied Total 3593.49545 MUs to MSEDCL, in the month of September 2023. Net Energy Bill amount for MAHAGENCO's Thermal & Gas Power Stations is Rs.2013.8541307 Crores; Bill amount in words Rs. Two Thousand Thirteen Crore Eighty Five Lakhs Forty One Thousand Three Hundred Seven Only

This bill is raised as per the Tariff order passed by MERC in Case No. 227 of 2022 , vide ref.3. As the MERC MYT regulation is effective from 1st april 2020, therefore the calculation of AFC disallowance is done as per MYT regulations 2019 considering **Sept-2023** as the **Fourth month in Low demand season** as declared by SLDC, therefore the AVF calculations are done accordingly.

As per MERC DSM Regulation and MERC Suo-Muto Order dated 07th Oct 2021, DSM is made commercially applicable from 11th Oct 2021 onwards. As per the related regulatory provisions, the energy billing under DSM is to be done as per scheduled generation. Accordingly, MSPGCL has carried out the energy bill as per schedule data available on SLDC's DSM scheduling software. As per letter under ref.6, MSEDCL has raised certain issues regarding Billing. In view of above, it is stated that (i) This bill is prepared based on DSM data available on SLDC's site on 1st date. However, if any subsequent changes occur at later stage, the supplementary bill will be raised, accordingly. (ii) Data regarding other/remote auxiliary consumptions is received/verified after receiving final GTR data (injection report) from SLDC, therefore the netting off bill will be raised, separately. (iii) MSPGCL will provide the excel copies of the energy bill, AVF calculation and DC/SG data received from the station on the 1st date, along with the bill. However, signed copies of these relevant documents may be provided in next @3-4 working days.

As per PPA clause 9.3 (b) late payment surcharge shall be applicable as per the rate provided in the prevailing MERC regulation, if the payment of the bill is made beyond due date. This bill is subject to amendments/ revision based on orders that may be passed by MERC /APTEL or reason of any subsequent development at later stage.

Thanking you,

Enclosure: Bill No: 060/2023

Regard's



01.10.23

Chief Engineer (RCD), MSPGCL

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: 060/2023

Bill Date: 01-10-2023

Due date: 30-10-2023

Energy Bill of MAHAGENCO for the Month of Sept 2023 (From 01.09.2023 (00.00Hrs) to 30.09.2023(24:00Hrs)

THERMAL & GAS STATIONS

SR. NO.	POWER STATION	UNITS SENT OUT Scheduled 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)	70.032414	4.408	3087.02881	1443.11576	4530.14457	455.65112	987.46464	4074.49345
2	BHUSAWAL (Unit 4-5)	465.454849	3.710	17268.37490	8604.87758	25873.25248	1199.021190	7405.85639	24674.23129
3	KHAPARKHEDA (Unit 1- 4)	283.609660	4.197	11903.09743	5014.31725	16917.41468	1285.82554	3728.49171	15631.58914
4	KHAPARKHEDA U # 5	236.121561	4.007	9461.39095	4571.94413	14033.33508	673.67350	3898.27063	13359.66158
5	NASHIK (Unit 3-5)	206.156610	4.647	9580.09767	3929.38557	13509.48324	0.00000	3929.38557	13509.48324
6	CHANDRAPUR (Unit 3-7)	384.120355	4.103	15760.45817	8174.40775	23934.86592	4438.82420	3735.58355	19496.04172
7	CHANDRAPUR (Unit- 8 & 9)	488.507195	3.444	16824.18780	10105.32069	26929.50849	342.67303	9762.64766	26586.83546
8	PARAS (Unit 3- 4)	238.379818	3.483	8302.76906	3810.08488	12112.85394	344.44973	3465.63515	11768.40421
9	PARLI (Unit 6- 7)	219.076854	5.100	11172.91955	3855.42814	15028.34769	-0.00001	3855.42815	15028.34770
10	PARLI (Unit 8)	100.798955	5.016	5056.07558	3200.24029	8256.31587	675.43067	2524.80962	7580.88520
11	KORADI (Unit 6)	86.907724	3.319	2884.46736	2487.75165	5372.21901	102.66919	2385.08246	5269.54982
12	KORADI (Unit- 8,9 & 10)	660.572955	3.084	20372.06993	16217.60234	36589.67227	4519.64573	11697.95661	32070.02654
13	GTPS URAN (Unit 5 -10)	153.756500	6.760	10393.93940	1019.47633	11413.41573	-922.44799	1941.92432	12335.86372
	TOTAL THERMAL	3593.495450		142066.87661	72433.95236	214500.82897	13115.41590	59318.53646	201385.41307

ENERGY BILL FOR SUPPLY OF ENERGY FROM MAHAGENCO's THERMAL & GAS POWER STATIONS TO MAHAVITARAN FOR THE MONTH OF September 2023

201385.41307

Bill amount in words Rs. Two Thousand Thirteen Crore Eighty Five Lakhs Forty One Thousand Three Hundred Seven Only

01.10.23

**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											
Calculation for Cumulative AVF Based AFC Disallowance upto September 2023														
Month : Sep-23 Season : Low demand season Month no. in the season: 4														
SR. NO.	POWER STATION	Approved Annual Fixed Charge for target AVF (Rs.in Lakhs)	AFC upto Second month of low 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 September 2023 (%)	Actual off-peak period Cumulative AVF upto September 2023 (%)	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 September 2023 (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)	16241.56685	5413.85560	80.00%	1082.77112	4331.08449	56.191%	56.132%	760.52490	3038.90543	3799.43034	1614.42526	1158.77414	455.65112
2	BHUSAWAL (Unit 4-5)	102944.53097	34314.84364	85.00%	6862.96873	27451.87493	81.019%	79.779%	6541.53957	25765.68388	32307.22345	2007.62019	808.59900	1199.02119
3	KHAPARKHEDA (Unit 1- 4)	61686.99370	20562.33124	85.00%	4112.46625	16449.86499	57.830%	57.327%	2797.92851	11094.36953	13892.29804	6670.03320	5384.20766	1285.82554
4	KHAPARKHEDA U # 5	51277.32952	17092.44316	85.00%	3418.48863	13673.95454	79.996%	78.798%	3217.24020	12676.23847	15893.47867	1198.96449	525.29099	673.67350
5	NASHIK (Unit 3-5)	45794.62682	15264.87560	80.00%	3052.97512	12211.90049	82.145%	81.626%	3052.97512	12211.90049	15264.87561	-0.00001	-0.00001	0.00000
6	CHANDRAPUR (Unit 3-7)	114214.08305	38071.36100	80.00%	7614.27220	30457.08881	38.681%	38.477%	3681.59579	14648.71758	18330.31337	19741.04763	15302.22343	4438.82420
7	CHANDRAPUR (Unit- 8 & 9)	120692.84832	40230.94944	85.00%	8046.18989	32184.75955	85.006%	84.095%	8046.18989	31842.08652	39888.27641	342.67303	0.00000	342.67303
8	PARAS (Unit 3- 4)	45996.02244	15332.00748	85.00%	3066.40150	12265.60598	72.755%	72.834%	2624.65930	10510.03701	13134.69632	2197.31116	1852.86143	344.44973
9	PARALI (UNIT 6-7)	44903.13773	14967.71256	85.00%	2993.54252	11974.17006	87.892%	87.516%	2993.54252	11974.17006	14967.71258	-0.00002	-0.00001	-0.00001
10	PARALI (UNIT 8)	37557.88352	12519.29452	85.00%	2503.85890	10015.43561	51.834%	51.841%	1526.88262	6108.35526	7635.23788	4884.05664	4208.62597	675.43067
11	KORADI (Unit 6)	25980.01978	8660.00660	72.00%	1732.00132	6928.00527	70.399%	71.316%	1693.48834	6862.18922	8555.67757	104.32903	1.65984	102.66919
12	KORADI (Unit- 8, 9 & 10)	221061.80461	73687.26820	85.00%	14737.45364	58949.81456	55.630%	55.430%	9645.22995	38442.21437	48087.44432	25599.82388	21080.17815	4519.64573
13	GTPS URAN (Unit 5 -10)	27037.66230	9012.55412	38.11%	1802.51082	7210.04328	27.909%	28.405%	1320.02819	5373.95118	6693.97937	2318.57475	3241.02274	-922.44799
	TOTAL THERMAL	915388.50961	305129.50316		61025.90064	244103.60256			47901.82490	190548.81901	238450.64393	66678.85923	53563.44333	13115.41590


01.10.2023
 Chief Engineer,
 Regulatory & Commercial Dept.

Energy Bill of MAHAGENCO for the Month of Sept 2023 (From 01.09.2023 (00.00Hrs) to 30.09.2023(24:00Hrs)		
THERMAL POWER STATIONS		Scheduled Generation
A. BHUSAWAL THERMAL POWER STATION		
Total scheduled Gen for Bhuswal 3		70.032414
B. Bhusawal THERMAL POWER STATION (Unit # 4) (500 MW)		
Total scheduled Gen for Bhuswal 4		229.792744
C. Bhusawal THERMAL POWER STATION (Unit # 5) (500 MW)		
Total scheduled Gen for Bhuswal 5		235.662105
Total scheduled Gen for Bhuswal 4 & 5		465.454849
D. KHAPERKHEDA THERMAL POWER STATION (U # 1-4) (840 MW)		
1	U#1 210 MW	70.999931
2	U#2 210 MW	41.883750
3	U#3 210 MW	88.549452
4	U#4 210 MW	82.176527
Total scheduled Gen for KPKD 1-4 (Mus.)		283.609660
E. KHAPERKHEDA THERMAL POWER STATION (Unit # 5) (500 MW)		
Units sent out (Mus.)		236.121561
F. NASHIK THERMAL POWER STATION (Unit # 3 to 5) (630 MW)		
1	U#3 210 MW	68.936157
2	U#4 210 MW	64.224202
3	U#5 210 MW	72.996251
TOTAL Units sent out (Mus.)		206.156610
G. CHANDRAPUR THERMAL POWER STATION (Unit # 3 to 7) (1920 MW)		
1	U#3 210 MW	77.085217
2	U#4 210 MW	35.316646
3	U#5 500 MW	0.000000
4	U#6 500 MW	149.445028
5	U#7 500 MW	122.273464
Unit sent out (Mus)		384.120355
H. CHANDRAPUR (Unit # 8) (500 MW)		
Net energy sent out from C'pur U-8		255.500261
I. CHANDRAPUR (Unit # 9) (500 MW)		
Net energy sent out from C'pur U-9		233.006934
Total Net sent out from Chandrapur 8 & 9		488.507195
J. PARAS THERMAL POWER STATION (Unit-3) (250 MW)		
Unit sent out (Mus)		117.970886
K. PARAS THERMAL POWER STATION (Unit-4) (250 MW)		
Unit sent out (Mus)		120.408932
Total Net sent out from Paras 3 & 4		238.379818
L. PARLI THERMAL POWER STATION (Unit-6) (250 MW)		
Units sent out (Mus.)		113.422768
M. PARLI THERMAL POWER STATION (Unit-7) (250 MW)		
Units sent out (Mus.)		105.654086
Total Net sent out from Parali 6 & 7		219.076854
N. PARLI (Unit-8) THERMAL POWER STATION		
Units sent out (Mus.)		100.798955
O. KORADI THERMAL POWER STATION (U# 6)		
Total Net sent out from Koradi 6		86.907724
P. KORADI THERMAL POWER STATION (U # 8) (660 MW)		
Unit sent out (Mus)		365.499523
Q. KORADI THERMAL POWER STATION (U # 9) (660 MW)		
Unit sent out (Mus)		201.443743
R. KORADI THERMAL POWER STATION (U # 10) (660 MW)		
Unit sent out (Mus)		93.629689
Total Net sent out from Koradi 8 & 9 & 10		660.572955
I. GTPS Uran		
1	Unit-5	0
2	Unit-6	0.4275
3	Unit-7	56.12875
4	Unit-8	44.17125
5	Unit-A0	0
6	Unit-B0	53.029
Total Net sent out from GTPS Uyran		153.756500

Copy s.w.rs. to:

- 1) Hon'ble CMD (MSPGCL)
- 2) Director (Operations / Finance), MSPGCL
- 3) Director (Operations / Finance), MSEDCL
- 4) Executive Director (O&M-I/II), MSPGCL

Copy f.w.cs. to:

- 5) CGM (Finance / Accounts), MSPGCL
- 6) CE (Works), MSPGCL

Copy to:

- 7) GM (CA / HO Accounts), MSPGCL
- 8) GM (PP), MSEDCL
- 10) Chief Manager (IF), MSPGCL

[illegible]

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

RCD23/15/LT0

Date: 11/10/2023

To

The Chief Engineer (Power Purchase)
Maharashtra State Electricity Distribution Company,
5th floor, Prakashgad, Bandra (E),
Mumbai, Maharashtra - 400051

Sub: Provisional Fuel Surcharge Adjustment Bill for supply of electricity for the month of September -2023 Part-I.

- Ref: 1) Energy Bill for Sep-2023 Dt.01.10.2023
2) MERC Order dated 31.03.2023 in Case No. 227 of 2022.
3) MERC order dated 10.06.2020 in Case No. 97 of 2020

Sir,

MSPGCL has already raised energy bill for the month of Sep-2023 towards the supply of electricity to MSEDCL, vide letter under ref. 1 above, considering the energy charges approved by Hon'ble MERC in the order under ref. 2.

Computation methodology for FAC Part- I bill for the month of Sep-2023:

In view of the difficulties faced by MSPGCL on account of non- availability of certified GCV data for loading end coal due to COVID-19 lockdown situation and deviations in energy charge on account of usage of alternate coal, MSPGCL had approached Hon'ble MERC for necessary guidelines for raising the FAC bill for April-2020 and onwards till normalization of schedule of loading end coal GCV certificates.

Hon'ble Commission, vide order dated 10.06.2020 in the Case No. 97 of 2020, has directed following regarding the FAC billing.

"22. Therefore, MSPGCL Aug submit FAC bills to MSEDCL based on actual fuel cost and provisional GCV, which can be either based on mid-point of declared grade GCV or GCV measured by MSPGCL's Testing Team. Although, the Commission has suggested two approaches for arriving at provisional GCV, MSPGCL Aug adopt any other better approach in consultation with MSEDCL for provisional billing. Bill for differential amount would be based on actual GCV as per CIMFR report to be raised on MSEDCL as and when actual data is available so that appropriate adjustment can be done in FAC submission in subsequent month by MSEDCL."

Accordingly, the tentative Normative Variable Cost for the month of Sep-2023 is calculated, based on actual costs; weighted averages for GCV data as directed vide MERC order in case no. 97 of 2020 and approved performance parameters for MSPGCL thermal stations as per MERC order in case no. 227 of 2022.

Compensation for operation of units below normative AVF & above technical minimum:

The Regulation 34 of State Grid Code Regulations, 2020, has provided for claim for compensation on account of operation at or above the technical minimum but below the

normative plant availability factor on account of grid security or due to the fewer schedules given by the buyer.

As per Regulations 34.2 and 34.3 of State Grid Code, 2020 MSPGCL is entitled to claim compensation for such operations up to technical minimum of 55% in the monthly FAC bills and during tariff filing process, on the basis of technical parameters during such period, duly supported by relevant data verified by SLDC.

In the present FAC Part-I bill for Sep-2023, MSPGCL has not included any claim for compensation on account of operating the units below the normative availability loads up to technical minimum of 55%. However, once the relevant data is compiled MSPGCL will raise the claim.

Provisional FAC Part-I bill for the month of Sep-2023:

Presently GT-5, GT-6, GT-7, GT-8 and B0 is available. Due to non-availability of A0 unit since 07.09.2022, GT-5 and GT-6 runs on Open cycle mode and B0 came in service from 20.11.2022, hence GT-7, GT-8 along with B0 runs on CCPP mode. The units are operated in different combinations as per gas availability and MSEDCL requirement. The Regulation 46.16 & 46.7 of MERC Regulations, 2019, has provided operational parameters for open cycle and combined cycle. Accordingly, MSPGCL has considered the normative parameters for Uran for combined cycle operation and open cycle operation for the concerned period for present FAC bill i.e Aug 2023.

Please find attached herewith Provisional FAC Part-I bill for MSPGCL thermal stations for supply of electricity for the month of **Sep-2023 is Rs. -141,59,52,363/-** (In words, **(-) One Hundred Forty One Crore Fifty Nine Lakhs Fifty Two Thousand Three Hundred Sixty Three Only**)

Part (II) of the FAC bill for Sep-2023 for differential amount based on CIMFR Report as per methodology will be raised later on after receipt of CIMFR reports. Also, this bill is subject to amendments/ revision based on receipt orders that may be passed by MERC / APTEL or reason of any subsequent development at later stage.

Also as explained above, MSPGCL will claim compensation for Technical minimum operations during Sep'2023 once the relevant data is compiled.

Further it is to bring to your kind notice that Regulation 33.9 of the State Grid Code Regulations, 2020, provides following regarding revision in MoD stack published on the 15th of the month.

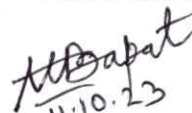
"33.9 MoD Stack uploaded on the 15th of the month Aug be subsequently revised by SLDC in the following circumstances:

- a) Commencement of supply of power by a generating unit under a new arrangement/bilateral agreement/Short term agreement in between period of MoD operation,*
- b) Revision of variable charges for preparing the MOD Stack due to Tariff Order issued by the Commission for state generating stations or by the Central Commission for central generating stations,*
- c) Impact of change in law in the PPAs as approved by the Commission."*

Therefore, it is requested to issue necessary directives for the adjustment of the above bill in respective Energy bill.

Thanking you,

Yours faithfully,


11.10.23
for Chief Engineer (RCD), MSPGCL

Encl.: As above

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	069/2023	Date:	11-10-2023	Due date:	09-11-2023
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Provisional Part-I Fuel Surcharge Adjustment bill for the Month of Sep-2023**THERMAL & GAS STATIONS**

SR N O.	POWER STATION	ECR Considered for FAC (Rs/Kwh)	Calculated VC Rs/Kwh	Adjustment of FSA Rate (Rs./k Wh)	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)	4.408	4.404	-0.004	70.032414	-2.80130
2	BHUSAWAL (Unit 4-5)	3.710	3.865	0.155	465.454849	721.45502
3	KHAPARKHEDA (Unit 1- 4)	4.197	2.967	-1.230	283.609660	-3488.39882
4	KHAPARKHEDA Unit 5	4.007	2.572	-1.435	236.121561	-3388.34440
5	NASHIK (Unit 3-5)	4.647	4.443	-0.204	206.156610	-420.55948
6	CHANDRAPUR (Unit 3-7)	4.103	3.644	-0.459	384.120355	-1763.11243
7	CHANDRAPUR (Unit- 8 & 9)	3.444	3.261	-0.183	488.507195	-893.96817
8	PARAS (Unit 3- 4)	3.483	2.790	-0.693	238.379818	-1651.97214
9	PARALI (UNIT 6-7)	5.100	4.837	-0.263	219.076854	-576.17213
10	PARALI (UNIT 8)	5.016	4.809	-0.207	100.798955	-208.65384
11	KORADI (Unit 6)	3.319	3.121	-0.198	86.907724	-172.07729
12	KORADI (Unit-8,9 & 10)	3.084	3.100	0.016	660.572955	105.69167
13	GTPS URAN (Combine cycle)	6.760	5.180	-1.580	153.329000	-2422.59820
14	GTPS URAN (Open cycle)	6.760	7.225	0.465	0.427500	1.98788
TOTAL MSPGCL FAC BILL					3593.495450	-14159.52363

The provisional Part-I Fuel Surcharge Adjustment bill, for MSPGCL stations, to MSEDCL for the month of Sep -2023 is withdrawal of Rs One Hundred Forty One Crore Fifty Nine Lakhs Fifty Two Thousand Three Hundred Sixty Three Only

for 
Chief Engineer
Regulatory & Commercial Dept.