

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 SEPTEMBER-2023 (R1)

(*Effective from 23.09.2023 to 15.10.2023)

Sr. no.	Generating Station	OWNER/T YPE	Installed Capacity/ Share in ISGS (MW)	Type of Fuel	Variable Charge Rs./KWh 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	11.7069	0.0000	11.7069
2	GANDHAR (NAPM-COM GAS)	CS	-	Gas	11.6211	0.0000	11.6211
3	KAWAS (RLNG)	CS	-	Gas	10.2516	0.0000	10.2516
4	JGPS (RLNG)	CS	-	Gas	10.1947	0.0000	10.1947
5	Uran GTPS (Open cycle operation)	MSPGCL	-	Gas	7.1710	0.0000	7.1710
6	KAWAS (APM GAS)	CS	200	Gas	5.8752	0.0000	5.8752
7	GANDHAR (APM GAS)	CS	204	Gas	5.8441	0.0000	5.8441
8	APML Unit 2 & 3 (1320 MW)	IPP	1320	Coal	1.6770	3.4973	5.1743
9	Uran GTPS (Combined cycle operation)	MSPGCL	840	Gas	5.1400	0.0000	5.1400
10	Parali Unit -08	MSPGCL	250	Coal	5.0520	0.0000	5.0520
11	Parali Unit - 06 & 07	MSPGCL	500	Coal	4.9680	0.0000	4.9680
12	Nasik Unit - 03 to 05	MSPGCL	630	Coal	4.4930	0.0000	4.4930
13	APML, 440 MW	IPP	440	Coal	2.4081	2.0195	4.4276
14	Solapur STPS	CS	642	Coal	4.4157	0.0000	4.4157
15	APML, Unit 1,4 & 5 1200 MW	IPP	1200	Coal	2.3481	2.0195	4.3676
16	APML, Unit 1,4 & 5 125 MW	IPP	125	Coal	2.3481	2.0195	4.3676
17	Bhusawal Unit - 03	MSPGCL	210	Coal	4.1620	0.0000	4.1620
18	Khargone	CS	85	Coal	4.1303	0.0000	4.1303
19	CGPL	CS	760	Coal	3.8375	0.0000	3.8375
20	JSW U1, Jaigad	IPP	300	Coal	3.7600	0.0000	3.7600
21	Bhusawal Unit - 04 & 05	MSPGCL	1000	Coal	3.7170	0.0000	3.7170
22	Chandrapur Unit - 03 to 07	MSPGCL	1920	Coal	3.7150	0.0000	3.7150
23	Gadarwara	CS	46	Coal	3.4716	0.0000	3.4716
24	Khaperkheda Unit - 01 to 04	MSPGCL	840	Coal	3.3900	0.0000	3.3900
25	IEPL TO MSEDCL	STOA	180	Coal	3.3580	0.0000	3.3580
26	Koradi Unit - 06	MSPGCL	210	Coal	3.2930	0.0000	3.2930
27	MSTPS-II	CS	531	Coal	3.2417	0.0000	3.2417
28	Chandrapur Unit - 08,09	MSPGCL	1000	Coal	3.2330	0.0000	3.2330
29	Paras Unit - 03 & 04	MSPGCL	500	Coal	3.2220	0.0000	3.2220
30	MSTPS-I	CS	394	Coal	3.1982	0.0000	3.1982
31	KHTPS-II	CS	148	Coal	3.1941	0.0000	3.1941
32	Koradi Unit - 08 to 10	MSPGCL	1980	Coal	3.0540	0.0000	3.0540
33	Khaperkheda Unit - 05	MSPGCL	500	Coal	3.0230	0.0000	3.0230
34	SWPGPL TO MSEDCL	LTOA	240	Coal	2.5281	0.4390	2.9671
35	RattaniIndia Power Ltd, Amravati	IPP	1200	Coal	2.3523	0.5405	2.8928
36	EMCO	CS	200	Coal	2.5988	0.0000	2.5988
37	VSTP-I	CS	432	Coal	1.7456	0.0000	1.7456
38	VSTPS-V	CS	161	Coal	1.6865	0.0000	1.6865
39	VSTP-II	CS	336	Coal	1.6611	0.0000	1.6611
40	VSTPS-III	CS	275	Coal	1.6388	0.0000	1.6388
41	Lara	CS	114	Coal	1.6377	0.0000	1.6377
42	VSTP-IV	CS	294	Coal	1.6229	0.0000	1.6229
43	SSTPS-II	CS	274	Coal	1.5852	0.0000	1.5852
44	KSTPS I AND II	CS	635	Coal	1.5542	0.0000	1.5542
45	SSTPS-I	CS	556	Coal	1.5407	0.0000	1.5407
46	KSTPS-III	CS	120	Coal	1.5105	0.0000	1.5105
DECENTRALISED MOD STACK FOR AEML							
1	ADTPS U-1 & 2	DTPS	500	Coal	4.2874	0.0000	4.2874
DECCENTRALISED MOD STACK FOR TPCL-D							
1	TPC U-7 (RLNG)-NAPM	TATA	xxx	Gas	21.9330	0.0000	21.9330
2	TPC U-5	TATA	500	Coal/Oil/Gas	6.4630	0.0000	6.4630
3	TPC U-8	TATA	250	Coal	6.3520	0.0000	6.3520
4	TPC U-7 (APM) *	TATA	180	Gas	4.9810	0.0000	4.9810
DECENTRALISED MOD STACK FOR BEST							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	21.9330	0.0000	21.9330
2	TPC U-5	TATA	500	Coal/Oil/Gas	6.4630	0.0000	6.4630
3	TPC U-8	TATA	250	Coal	6.3520	0.0000	6.3520
4	IEPL TO BEST	STOA	40	Coal	5.9900	0.0000	5.9900
5	TPC U-7 (APM) *	TATA	180	Gas	4.9810	0.0000	4.9810
6	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 22.09.2023 due to revised rates of CGPL & JSW U1 submitted by CEPP.

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 SEPTEMBER-2023 (R0)

(*Effective from 16.09.2023 to 15.10.2023)

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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7	GANDHAR (APM GAS)	CS	204	Gas	5.8441	0.0000	5.8441
8	APML Unit 2 & 3 (1320 MW)	IPP	1320	Coal	1.6770	3.4973	5.1743
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Ref No: RCD23/45-A/LT1020

Date: 01-Sep-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 August 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 August 2023, Bill No. (051/2023) for supply of Power from for MSPGCL's Thermal & Gas Power Stations to MSEDCL.

Mahagenco's Thermal & Gas Power Stations have supplied Total 3786.583195 MUs to MSEDCL, in the month of August 2023. Net Energy Bill amount for MAHAGENCO's Thermal & Gas Power Stations is Rs.2075.1848771 Crores; Bill amount in words Rs. Two Thousand Seventy Five Crore Eighteen Lakhs Forty Eight Thousand Seven Hundred Seventy One 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 **Aug-2023** as the **Third 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. (iv) Details regarding communication with SLDC in case of RSD may also be provided in next @3-4 working days.

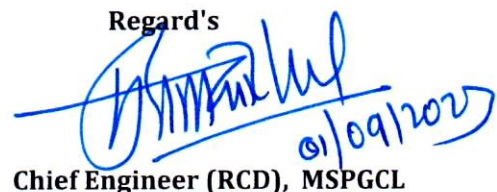
This bill is subject to amendments/ revision based on orders that may be passed by MERC /APTEL or reason of any subsequent development at later stage.

It is requested to issue necessary directives for the payment of the above.

Thanking you,

Enclosure: Bill No: 051/2023

Regard's



01/09/2023

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: 051/2023		Bill Date: 01-09-2023			Due date: 30-09-2023				
Energy Bill of MAHAGENCO for the Month of Aug 2023 (From 01.08.2023 (00.00Hrs) to 31.08.2023(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 = 00	i = f - h	j = g - h
1	BHUSAWAL (Unit 3)	83.373499	4.408	3675.10384	1443.11576	5118.21960	321.55668	1121.55908	4796.66292
2	BHUSAWAL (Unit 4-5)	514.327367	3.710	19081.54532	8604.87758	27686.42290	808.599010	7796.27857	26877.82389
3	KHAPARKHEDA (Unit 1- 4)	344.554691	4.197	14460.96038	5014.31725	19475.27763	706.64515	4307.67210	18768.63248
4	KHAPARKHEDA U # 5	284.490518	4.007	11399.53506	4571.94413	15971.47919	103.77124	4468.17289	15867.70795
5	NASHIK (Unit 3-5)	194.932674	4.647	9058.52136	3929.38557	12987.90693	-0.00001	3929.38558	12987.90694
6	CHANDRAPUR (Unit 3-7)	444.760943	4.103	18248.54149	8174.40775	26422.94924	4024.60779	4149.79996	22398.34145
7	CHANDRAPUR (Unit- 8 & 9)	590.382975	3.444	20332.78966	10105.32069	30438.11035	0.00000	10105.32069	30438.11035
8	PARAS (Unit 3- 4)	246.156917	3.483	8573.64542	3810.08488	12383.73030	425.09609	3384.98879	11958.63421
9	PARLI (Unit 6- 7)	201.345480	5.100	10268.61948	3855.42814	14124.04762	0.00000	3855.42814	14124.04762
10	PARLI (Unit 8)	90.699624	5.016	4549.49314	3200.24029	7749.73343	465.91659	2734.32370	7283.81684
11	KORADI (Unit 6)	87.340868	3.319	2898.84341	2487.75165	5386.59506	1.65984	2486.09181	5384.93522
12	KORADI (Unit- 8,9 & 10)	631.592139	3.084	19478.30157	16217.60234	35695.90391	5546.75955	10670.84279	30149.14436
13	GTPS URAN (Unit 5-10)	72.625500	6.760	4909.48380	1019.47633	5928.96013	-553.76335	1573.23968	6482.72348
TOTAL THERMAL		3786.583195		146935.38393	72433.95236	219369.33629	11850.84858	60583.10378	207518.48771
ENERGY BILL FOR SUPPLY OF ENERGY FROM MAHAGENCO's THERMAL & GAS POWER STATIONS TO MAHAVITARAN FOR THE MONTH OF August 2023									207518.48771

Bill amount in words Rs. Two Thousand Seventy Five Crore Eighteen Lakhs Forty Eight Thousand Seven Hundred Seventy One Only


Chief Engineer,
Regulatory & Commercial Dept.

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 August 2023														
Month: Aug-23														
Season: Low demand season														
Month no. in the season: 3														
SR. NO.	POWER STATION	Approved Annual Fixed Charge for target AVF (Rs.in Lakhs)	AFC upto Second month of low demand 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 August 2023 (%)	Actual off-peak period Cumulative AVF upto August 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 August 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	4060.39170	80.00%	812.07834	3248.31337	57.314%	57.236%	581.79323	2324.00580	2905.79903	1154.59267	833.03599	321.55668
2	BHUSAWAL (Unit 4-5)	102944.53097	25736.13273	85.00%	5147.22655	20588.90619	82.731%	82.229%	5009.82588	19917.70785	24927.53373	808.59900	-0.00001	808.59901
3	KHAPARKHEDA (Unit 1- 4)	61686.99370	15421.74843	85.00%	3084.34969	12337.39874	58.935%	58.741%	2138.54293	8526.01340	10664.55633	4757.19210	4050.54695	706.64515
4	KHAPARKHEDA U # 5	51277.32952	12819.33237	85.00%	2563.86648	10255.46590	82.313%	81.318%	2482.81813	9811.22325	12294.04138	525.29099	421.51975	103.77124
5	NASHIK (Unit 3-5)	45794.62682	11448.65670	80.00%	2289.73134	9158.92536	81.139%	80.376%	2289.73134	9158.92536	11448.65671	-0.00001	0.00000	-0.00001
6	CHANDRAPUR (Unit 3-7)	114214.08305	28553.52075	80.00%	5710.70415	22842.81661	41.335%	41.100%	2950.64945	11735.49703	14686.14649	13867.37426	9842.76647	4024.60779
7	CHANDRAPUR (Unit- 8 & 9)	120692.84832	30173.21208	85.00%	6034.64242	24138.56966	88.058%	87.236%	6034.64242	24138.56966	30173.21208	0.00000	0.00000	0.00000
8	PARAS (Unit 3- 4)	45996.02244	11499.00561	85.00%	2299.80112	9199.20449	71.552%	71.783%	1935.94553	7768.78230	9704.72783	1794.27778	1369.18169	425.09609
9	PARALI (UNIT 6-7)	44903.13773	11225.78442	85.00%	2245.15689	8980.62755	90.606%	89.854%	2245.15689	8980.62755	11225.78443	-0.00001	-0.00001	0.00000
10	PARALI (UNIT 8)	37557.88352	9389.47089	85.00%	1877.89418	7511.57670	47.335%	46.792%	1045.76613	4135.07879	5180.84492	4208.62597	3742.70938	465.91659
11	KORADI (Unit 6)	25980.01978	6495.00495	72.00%	1299.00099	5196.00396	71.908%	73.053%	1297.34115	5196.00396	6493.34511	1.65984	0.00000	1.65984
12	KORADI (Unit- 8, 9 & 10)	221061.80461	55265.45115	85.00%	11053.09023	44212.36092	57.235%	56.962%	7442.63082	29628.52356	37071.15438	18194.29677	12647.53722	5546.75955
13	GTPS URAN (Unit 5 -10)	27037.66230	6759.41559	38.11%	1351.88312	5407.53246	26.389%	26.959%	936.10190	3825.28648	4761.38838	1998.02721	2551.79056	-555.76335
	TOTAL THERMAL	915388.50961	228847.12737		45769.42548	183077.70192			36390.94579	145146.24500	181537.19080	47309.93657	35459.08799	11850.84658



Chief Engineer,
Regulatory & Commercial Dept.



Chief Engineer,
Regulatory & Commercial Dept.

Energy Bill of MAHAGENCO for the Month of Aug 2023 (From 01.08.2023 (00.00Hrs) to 31.08.2023(24:00Hrs))		
THERMAL POWER STATIONS		Scheduled Generation
A. BHUSAWAL THERMAL POWER STATION		
Total scheduled Gen for Bhuswal 3		83.373499
B. Bhusawal THERMAL POWER STATION (Unit # 4) (500 MW)		
Total scheduled Gen for Bhuswal 4		244.986921
C. Bhusawal THERMAL POWER STATION (Unit # 5) (500 MW)		
Total scheduled Gen for Bhuswal 5		269.340446
Total scheduled Gen for Bhuswal 4 & 5		514.327367
D. KHAPERKHEDA THERMAL POWER STATION (U # 1-4) (840 MW)		
1	U#1 210 MW	66.185983
2	U#2 210 MW	72.310144
3	U#3 210 MW	98.076593
4	U#4 210 MW	107.981971
Total scheduled Gen for KPKD 1-4 (Mus.)		344.554691
E. KHAPERKHEDA THERMAL POWER STATION (Unit # 5) (500 MW)		
Units sent out (Mus.)		284.490518
F. NASHIK THERMAL POWER STATION (Unit # 3 to 5) (630 MW)		
1	U#3 210 MW	41.382600
2	U#4 210 MW	86.075073
3	U#5 210 MW	67.475001
TOTAL Units sent out (Mus.)		194.932674
G. CHANDRAPUR THERMAL POWER STATION (Unit # 3 to 7) (1920 MW)		
1	U#3 210 MW	81.119033
2	U#4 210 MW	0.000000
3	U#5 500 MW	0.000000
4	U#6 500 MW	173.431812
5	U#7 500 MW	190.210098
Unit sent out (Mus)		444.760943
H. CHANDRAPUR (Unit # 8) (500 MW)		
Net energy sent out from C'pur U-8		295.861996
I. CHANDRAPUR (Unit # 9) (500 MW)		
Net energy sent out from C'pur U-9		294.520979
Total Net sent out from Chandrapur 8 & 9		590.382975
J. PARAS THERMAL POWER STATION (Unit-3) (250 MW)		
Unit sent out (Mus)		117.860240
K. PARAS THERMAL POWER STATION (Unit-4) (250 MW)		
Unit sent out (Mus)		128.296677
Total Net sent out from Paras 3 & 4		246.156917
L. PARLI THERMAL POWER STATION (Unit-6) (250 MW)		
Units sent out (Mus.)		100.822662
M. PARLI THERMAL POWER STATION (Unit-7) (250 MW)		
Units sent out (Mus.)		100.522818
Total Net sent out from Parali 6 & 7		201.345480
N. PARLI (Unit-8) THERMAL POWER STATION		
Units sent out (Mus.)		90.699624
O. KORADI THERMAL POWER STATION (U# 6)		
Total Net sent out from Koradi 6		87.340868
P. KORADI THERMAL POWER STATION (U # 8) (660 MW)		
Unit sent out (Mus)		288.047094
Q. KORADI THERMAL POWER STATION (U # 9) (660 MW)		
Unit sent out (Mus)		343.545045
R. KORADI THERMAL POWER STATION (U # 10) (660 MW)		
Unit sent out (Mus)		0.000000
Total Net sent out from Koradi 8 & 9 & 10		631.592139
I. GTPS Uran		
1	Unit-5	0
2	Unit-6	28.48575
3	Unit-7	17.90475
4	Unit-8	19.5855
5	Unit-A0	0
6	Unit-B0	6.6495
Total Net sent out from GTPS Uyran		72.625500

Aug-23

[illegible]

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

RCD23/15/LT01070

Date: 12/09/2023

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 Aug -2023 Part-I.

Ref: 1) Energy Bill for Aug-2023 Dt.01.09.2023
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 Aug-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 Aug-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 Aug-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 Aug-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 Aug-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 **Aug-2023 is Rs. -101,97,03390/-** (In words, **(-) One Hundred & One Crore Ninety Seven Lakhs Three Thousand Three Hundred Ninety Only**)

Part (II) of the FAC bill for Aug-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 Aug'2023 once the relevant data is compiled.

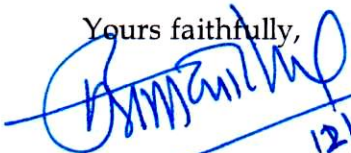
Further it is to bring to your kind notice that Regulation 33.9 of the State Grid Code Regulations, 2020, provides following regarding revision in MoD stack published on the 15th of the month.

"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,

12/9/2023
Chief Engineer (RCD), MSPGCL

Encl.: As above

MAHARASHTRA STATE POWER GENERATION CO. LTD.

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Bandra (E) Mumbai 400 051

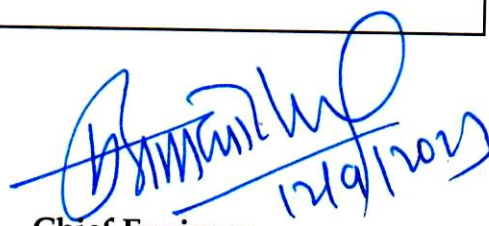
Bill No	059/2023	Date:	12-09-2023	Due date:	11-10-2023
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Provisional Part-I Fuel Surcharge Adjustment bill for the Month of Aug-2023

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	4.162	-0.246	83.373499	-205.09881
2	BHUSAWAL (Unit 4-5)	3.710	3.717	0.007	514.327367	36.00292
3	KHAPARKHEDA (Unit 1- 4)	4.197	3.390	-0.807	344.554691	-2780.55636
4	KHAPARKHEDA Unit 5	4.007	3.023	-0.984	284.490518	-2799.38670
5	NASHIK (Unit 3-5)	4.647	4.493	-0.154	194.932674	-300.19632
6	CHANDRAPUR (Unit 3-7)	4.103	3.715	-0.388	444.760943	-1725.67246
7	CHANDRAPUR (Unit- 8 & 9)	3.444	3.233	-0.211	590.382975	-1245.70808
8	PARAS (Unit 3- 4)	3.483	3.222	-0.261	246.156917	-642.46955
9	PARALI (UNIT 6-7)	5.100	4.968	-0.132	201.345480	-265.77603
10	PARALI (UNIT 8)	5.016	5.052	0.036	90.699624	32.65186
11	KORADI (Unit 6)	3.319	3.293	-0.026	87.340868	-22.70863
12	KORADI (Unit-8,9 & 10)	3.084	3.054	-0.030	631.592139	-189.47764
13	GTPS URAN (Combine cycle)	6.760	5.140	-1.620	19.061000	-308.78820
14	GTPS URAN (Open cycle)	6.760	7.171	0.411	53.564500	220.15010
TOTAL MSPGCL FAC BILL					3786.583195	-10197.03390

The provisional Part-I Fuel Surcharge Adjustment bill, for MSPGCL stations, to MSEDCL for the month of Aug -2023 is withdrawal of Rs One Hundred & One Crore Ninety Seven Lakhs Three Thousand Three Hundred Ninety Only.


12/9/2023

Chief Engineer
Regulatory & Commercial Dept.