

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

(*Effective from 16.01.2024 to 15.02.2024)

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	13.6446	0.0000	13.6446
2	GANDHAR (NAPM-COM GAS)	CS	-	Gas	13.5540	0.0000	13.5540
3	JGPS (RLNG)	CS	-	Gas	11.2836	0.0000	11.2836
4	KAWAS (RLNG)	CS	-	Gas	11.2274	0.0000	11.2274
5	Uran GTPS (Open cycle operation)	MSPGCL	-	Gas	7.2700	0.0000	7.2700
6	KAWAS (APM GAS)	CS	200	Gas	5.9338	0.0000	5.9338
7	GANDHAR (APM GAS)	CS	204	Gas	5.9026	0.0000	5.9026
8	Uran GTPS (Combined cycle operation)	MSPGCL	840	Gas	5.2120	0.0000	5.2120
9	Parali Unit -08	MSPGCL	250	Coal	5.1510	0.0000	5.1510
10	Parali Unit - 06 & 07	MSPGCL	500	Coal	5.1320	0.0000	5.1320
11	Solapur STPS	CS	642	Coal	5.0052	0.0000	5.0052
12	Nasik Unit - 03 to 05	MSPGCL	630	Coal	4.6630	0.0000	4.6630
13	Bhusawal Unit - 03	MSPGCL	210	Coal	4.6510	0.0000	4.6510
14	Chandrapur Unit - 03 to 07	MSPGCL	1920	Coal	4.2190	0.0000	4.2190
15	Khargone	CS	85	Coal	4.1436	0.0000	4.1436
16	CGPL	CS	760	Coal	4.1328	0.0000	4.1328
17	JSW U1, Jaigad	IPP	300	Coal	4.0200	0.0000	4.0200
18	APML, Unit 2 & 3 (1320 MW)	IPP	1320	Coal	1.6770	2.3384	4.0154
19	Bhusawal Unit - 04 & 05	MSPGCL	1000	Coal	3.8400	0.0000	3.8400
20	Chandrapur Unit - 08,09	MSPGCL	1000	Coal	3.5770	0.0000	3.5770
21	Khaperkheda Unit - 01 to 04	MSPGCL	840	Coal	3.5610	0.0000	3.5610
22	IEPL TO MSEDCL	STOA	180	Coal	3.3700	0.0000	3.3700
23	Paras Unit - 03 & 04	MSPGCL	500	Coal	3.3270	0.0000	3.3270
24	Gadarwara	CS	46	Coal	3.2927	0.0000	3.2927
25	MSTPS-II	CS	531	Coal	3.1147	0.0000	3.1147
26	Khaperkheda Unit - 05	MSPGCL	500	Coal	3.1020	0.0000	3.1020
27	MSTPS-I	CS	394	Coal	3.0970	0.0000	3.0970
28	Koradi Unit - 08 to 10	MSPGCL	1980	Coal	3.0720	0.0000	3.0720
29	Koradi Unit - 06	MSPGCL	210	Coal	3.0130	0.0000	3.0130
30	KHTPS-II	CS	148	Coal	2.9482	0.0000	2.9482
31	SWPGPL TO MSEDCL	LTOA	240	Coal	2.5353	0.4106	2.9459
32	RattanIndia Power Ltd, Amravati	IPP	1200	Coal	2.3614	0.5308	2.8922
33	APML, 440 MW	IPP	440	Coal	2.4153	0.4049	2.8202
34	APML, Unit 1,4 & 5 1200 MW	IPP	1200	Coal	2.3553	0.4049	2.7602
35	APML, Unit 1,4 & 5 125 MW	IPP	125	Coal	2.3553	0.4049	2.7602
36	EMCO	CS	200	Coal	2.6941	0.0000	2.6941
37	SSTPS-II	CS	274	Coal	1.8317	0.0000	1.8317
38	SSTPS-I	CS	556	Coal	1.7780	0.0000	1.7780
39	VSTP-I	CS	432	Coal	1.7330	0.0000	1.7330
40	KSTPS I AND II	CS	635	Coal	1.7082	0.0000	1.7082
41	VSTPS-V	CS	161	Coal	1.6761	0.0000	1.6761
42	KSTPS-III	CS	120	Coal	1.6601	0.0000	1.6601
43	VSTP-II	CS	336	Coal	1.6487	0.0000	1.6487
44	VSTPS-III	CS	275	Coal	1.6257	0.0000	1.6257
45	Lara	CS	114	Coal	1.6170	0.0000	1.6170
46	VSTP-IV	CS	294	Coal	1.6083	0.0000	1.6083
DECENTRALISED MOD STACK FOR AEML							
1	ADTPS U-1 & 2	DTPS	500	Coal	4.0616	0.0000	4.0616
DECENTRALISED 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	5.6730	0.0000	5.6730
3	TPC U-8	TATA	250	Coal	5.5550	0.0000	5.5550
4	TPC U-7 (APM) *	TATA	180	Gas	5.0450	0.0000	5.0450
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	5.6730	0.0000	5.6730
3	TPC U-8	TATA	250	Coal	5.5550	0.0000	5.5550
4	TPC U-7 (APM) *	TATA	180	Gas	5.0450	0.0000	5.0450
5	SWPGL TO BEST	MTOA	100	Coal	2.2600	0.0000	2.2600
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 mahaskdc.in website on dated 15.01.2024

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.



Ref No: RCD24/45-A/LT0001

Date: 01-Jan-24

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 December 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
7) MSPGCL's letter no. Ref No: RCD23/45-L / LT01275 Dated 03.11.2023
8) MSPGCL's letter no. Ref No: RCD23/45-L / LT01372 Dated 30.11.2023

Dear Sir,

Please find attached herewith the monthly energy bill for the Month of December 2023, Bill No. (098 /2023) for supply of Power from for MSPGCL's Thermal & Gas Power Stations to MSEDCL.

Mahagenco's Thermal & Gas Power Stations have supplied Total 4355.624925 MUs to MSEDCL, in the month of December 2023. Net Energy Bill amount for MAHAGENCO's Thermal & Gas Power Stations is Rs.2449.0431504 Crores; Bill amount in words Rs. Two Thousand Four Hundred Forty Nine Crore Four Lakhs Thirty One Thousand Five Hundred Four 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 **Dec-2023** as the **Seventh month in Low demand season** as declared by SLDC, therefore the AVF calculations are done accordingly.

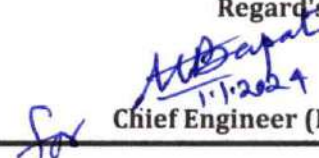
As per MERC DSM Regulation and MERC Suo-Muto Order dated 07th Oct 2021, DSM is made commercially applicable from 11th Oct 2021 onwards. As per the related regulatory provisions, the energy billing under DSM is to be done as per scheduled generation. Accordingly, MSPGCL has carried out the energy bill as per schedule data available on SLDC's DSM scheduling software. MSPGCL, vide letter under ref.7 & 8, has suitably established that the due date of energy bill will be 30 days only. Hence the due date of this energy bill is 30 days. Further, as there is no time tagging from MSEDCL, while making payments to MSPGCL, therefore MSPGCL shall adjust the payments towards LPS first and thereafter, towards monthly charges, starting from the longest overdue bill, as per LPS rule 2022 (Clause no. 4).

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: 098 /2023
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Regards


1.1.2024
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: 098 /2023		Bill Date: 01-01-2024				Due date: 30-01-2024			
Energy Bill of MAHAGENCO for the Month of Dec 2023 (From 01.12.2023 (00.00Hrs) to 31.12.2023(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)	81.240813	4.408	3581.09504	1443.11576	5024.21080	51.30378	1391.81198	4972.90702
2	BHUSAWAL (Unit 4-5)	488.454338	3.710	18121.65594	8604.87758	26726.53352	-731.269510	9336.14709	27457.80303
3	KHAPARKHEDA (Unit 1- 4)	357.426176	4.197	15001.17661	5014.31725	20015.49386	126.95674	4887.36051	19888.53712
4	KHAPARKHEDA U # 5	275.229193	4.007	11028.43376	4571.94413	15600.37789	-106.35522	4678.29935	15706.73311
5	NASHIK (Unit 3-5)	146.934878	4.647	6828.06378	3929.38557	10757.44935	148.46045	3780.92512	10608.98890
6	CHANDRAPUR (Unit 3-7)	680.792069	4.103	27932.89859	8174.40775	36107.30634	1017.06545	7157.34230	35090.24089
7	CHANDRAPUR (Unit- 8 & 9)	504.578653	3.444	17377.68881	10105.32069	27483.00950	0.00000	10105.32069	27483.00950
8	PARAS (Unit 3- 4)	277.931514	3.483	9680.35463	3810.08488	13490.43951	34.24715	3775.83773	13456.19236
9	PARLI (Unit 6- 7)	141.600106	5.100	7221.60541	3855.42814	11077.03355	0.00000	3855.42814	11077.03355
10	PARLI (Unit 8)	69.264497	5.016	3474.30717	3200.24029	6674.54746	-487.78853	3688.02882	7162.33599
11	KORADI (Unit 6)	79.573032	3.319	2641.02893	2487.75165	5128.78058	2.69423	2485.05742	5126.08635
12	KORADI (Unit- 8,9 & 10)	1055.954156	3.084	32565.62617	16217.60234	48783.22851	-2379.99661	18597.59895	51163.22512
13	GTPS URAN (Unit 5 -10)	196.645500	6.760	13293.23580	1019.47633	14312.71213	-1398.50997	2417.98630	15711.22210
TOTAL THERMAL		4355.624925		168747.17064	72433.95236	241181.12300	-3723.19204	76157.14440	244904.31504
ENERGY BILL FOR SUPPLY OF ENERGY FROM MAHAGENCO's THERMAL & GAS POWER STATIONS TO MAHAVITARAN FOR THE MONTH OF December 2023									
244904.31504									

Bill amount in words Rs. Two Thousand Four Hundred Forty Nine Crore Four Lakhs Thirty One Thousand Five Hundred Four Only

[Signature]
11.12.24

Chief Engineer,
Regulatory & Commercial Dept.

MAHARASHTRA STATE POWER GENERATION CO. LTD.

Regulatory & Commercial Dept.

Prakashgad, 3rd Floor,

Bandra (E) Mumbai 400 051

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Calculation for Cumulative AVF Based AFC Disallowance upto December 2023

Month : Dec-23		Low demand season												
Season :		7												
Month no. in the season:														
SR. NO.	POWER STATION	Approved Annual Fixed Charge for target AVF (Rs.in Lakhs)	AFC upto Sixth 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 December 2023 (%)	Actual off-peak period Cumulative AVF upto December 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 December 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	9474.24730	80.00%	1894.84947	7579.39786	54.368%	54.206%	1287.73970	5135.61051	6423.35020	3050.89710	2999.59332	51.30378
2	BHUSAWAL (Unit 4-5)	102944.53097	60050.97637	85.00%	12010.19528	48040.78112	80.882%	80.334%	11428.33664	45403.62483	56831.96147	3219.01490	3950.28441	-731.26951
3	KHAPARKHEDA (Unit 1-4)	61686.99370	35984.07967	85.00%	7196.81593	28787.26373	61.247%	60.893%	5185.68689	20622.85706	25808.54395	10175.53572	10048.57898	126.95674
4	KHAPARKHEDA U # 5	51277.32952	29911.77553	85.00%	5982.35511	23929.42044	82.514%	81.783%	5807.38882	23023.76226	28831.15108	1080.62445	1186.97967	-106.35522
5	NASHIK (Unit 3-5)	45794.62682	26713.53230	80.00%	5342.70646	21370.82585	79.809%	79.492%	5329.95075	21235.12111	26565.07186	148.46044	-0.00001	148.46045
6	CHANDRAPUR (Unit 3-7)	114214.08305	66624.88175	80.00%	13324.97636	53299.90542	46.269%	46.293%	7706.66664	30842.65652	38549.32316	28075.55859	27058.49314	1017.06535
7	CHANDRAPUR (Unit- 8 & 9)	120692.84832	70404.16152	85.00%	14080.83230	56323.32922	85.750%	85.080%	14080.83230	56323.32922	70404.16152	0.00000	0.00000	0.00000
8	PARAS (Unit 3-4)	45996.02244	26831.01309	85.00%	5366.20262	21464.81047	78.657%	78.290%	4965.75764	19770.35308	24736.11072	2094.90237	2060.65522	34.24715
9	PARALI (UNIT 6-7)	44903.13773	26193.49698	85.00%	5238.69940	20954.79761	88.317%	88.620%	20954.79761	20954.79761	26193.49701	-0.00003	-0.00003	0.00000
10	PARALI (UNIT 8)	37557.88352	21908.76541	85.00%	4381.75308	17527.01231	67.885%	67.759%	3499.47421	13971.91561	17471.38982	4437.37559	4925.16412	-487.78853
11	KORADI (Unit 6)	25980.01978	15155.01155	72.00%	3031.00231	12124.00923	71.936%	72.287%	3028.30808	12124.00923	15152.31731	2.69424	0.00001	2.69423
12	KORADI (Unit- 8, 9 & 10)	221061.80461	128952.71935	85.00%	25790.54387	103162.17548	64.689%	64.681%	19627.81756	78501.56085	98129.37841	30823.34094	33203.33755	-2379.99661
13	GTPS URAN (Unit 5-10)	27037.66230	15771.96971	38.11%	3154.39394	12617.57574	31.316%	31.749%	2592.04934	10511.55634	13103.60568	2668.36403	4066.87400	-1398.59997
	TOTAL THERMAL	915388.50961	53397.63053		106795.32612	427181.30448			89778.70797	358421.15422	448199.86219	85776.76834	89499.96038	-3723.19204

Handwritten Signature
11.11.2024
Chief Engineer,
Regulatory & Commercial Dept.

Energy Bill of MAHAGENCO for the Month of Dec 2023 (From 01.12.2023 (00.00Hrs) to 31.12.2023(24:00Hrs)

THERMAL POWER STATIONS		<u>Scheduled Generation</u>
A. BHUSAWAL THERMAL POWER STATION		
Total scheduled Gen for Bhuswal 3		81.240813
B. Bhusawal THERMAL POWER STATION (Unit # 4) (500 MW)		
Total scheduled Gen for Bhuswal 4		237.384803
C. Bhusawal THERMAL POWER STATION (Unit # 5) (500 MW)		
Total scheduled Gen for Bhuswal 5		251.069535
Total scheduled Gen for Bhuswal 4 & 5		488.454338
D. KHAPERKHEDE THERMAL POWER STATION (U # 1-4) (840 MW)		
1	U#1 210 MW	92.143609
2	U#2 210 MW	71.799531
3	U#3 210 MW	97.639809
4	U#4 210 MW	95.843227
Total scheduled Gen for KPKD 1-4 (Mus.)		357.426176
E. KHAPERKHEDE THERMAL POWER STATION (Unit # 5) (500 MW)		
Units sent out (Mus.)		275.229193
F. NASHIK THERMAL POWER STATION (Unit # 3 to 5) (630 MW)		
1	U#3 210 MW	62.776818
2	U#4 210 MW	15.040133
3	U#5 210 MW	69.117927
TOTAL Units sent out (Mus.)		146.934878
G. CHANDRAPUR THERMAL POWER STATION (Unit # 3 to 7) (1920 MW)		
1	U#3 210 MW	81.359787
2	U#4 210 MW	76.504400
3	U#5 500 MW	218.758769
4	U#6 500 MW	158.495746
5	U#7 500 MW	145.673367
Unit sent out (Mus)		680.792069
H. CHANDRAPUR (Unit # 8) (500 MW)		
Net energy sent out from C'pur U-8		269.370225
I. CHANDRAPUR (Unit # 9) (500 MW)		
Net energy sent out from C'pur U-9		235.208428
Total Net sent out from Chandrapur 8 & 9		504.578653
J. PARAS THERMAL POWER STATION (Unit-3) (250 MW)		
Unit sent out (Mus)		129.997219
K. PARAS THERMAL POWER STATION (Unit-4) (250 MW)		
Unit sent out (Mus)		147.934295
Total Net sent out from Paras 3 & 4		277.931514
L. PARLI THERMAL POWER STATION (Unit-6) (250 MW)		
Units sent out (Mus.)		70.613940
M. PARLI THERMAL POWER STATION (Unit-7) (250 MW)		
Units sent out (Mus.)		70.986166
Total Net sent out from Parali 6 & 7		141.600106
N. PARLI (Unit-8) THERMAL POWER STATION		
Units sent out (Mus.)		69.264497
O. KORADI THERMAL POWER STATION (U# 6)		
Total Net sent out from Koradi 6		79.573032
P. KORADI THERMAL POWER STATION (U # 8) (660 MW)		
Unit sent out (Mus)		322.286411
Q. KORADI THERMAL POWER STATION (U # 9) (660 MW)		
Unit sent out (Mus)		361.816232
R. KORADI THERMAL POWER STATION (U # 10) (660 MW)		
Unit sent out (Mus)		371.851513
Total Net sent out from Koradi 8 & 9 & 10		1055.954156
I. GTPS Uran		
1	Stage-II	127.45975
2	WHRP	69.18575
Total Net sent out from GTPS Uyan		196.645500

combined cycle	Open cycle
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MAHARASHTRA STATE POWER GENERATION CO. LTD.

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

RCD24/15/LT0044

Date: 10/01/2024

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 December -2023 Part-I.

- Ref: 1) Energy Bill for Dec-2023 Dt.01.01.2024
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
4) Letter No. CE/PP/MSPGCL/NTPS/No.27008 Dated 08 September 2023.

Sir,

MSPGCL has already raised energy bill for the month of Dec-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 Dec-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 Dec-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.

It is further to inform that since last few months Chandrapur TPS has started to take efforts to maintain separate stack for imported coal and to make separate measurement of such imported coal at bunkering and firing level. In case of raw coal & washed coal the measurement is on combined basis. Now, Chandrapur TPS has shared such segregated data for Dec'2023 for "As fired GCV" for (Raw coal+ Washed coal) and Imported coal instead of "As fired GCV" for total coal mix as was being shared previously. Accordingly for the present

Part-I FAC bill for Dec'2023 RCD has computed the normative ECR for Chandrapur # 3 to 7 & Chandrapur # 8,9 by considering the separate "As fired GCV" for (Raw coal + Washed coal) and Imported coal and similarly applying the stacking loss margin separately for (Raw coal + Washed coal) and Imported coal.

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 Dec-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.

Similarly vide letter ref.4, MSEDCL has accepted for appropriate compensation for Nashik TPS for running all three units near technical minimum so as to support the grid in view of demand rise. MSPGCL will raise claim for such compensation through separate billing.

Provisional FAC Part-I bill for the month of Dec-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.

Please find attached herewith Provisional FAC Part-I bill for MSPGCL thermal stations for supply of electricity for the month of Dec-2023 is Rs. -61,56,05,670/- (In words, (-) Sixty One Crore Fifty Six Lakhs Five Thousand Six Hundred Seventy Only)

Part (II) of the FAC bill for Dec-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 Nov'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,


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

110/2023

Date:

10-01-2024

Due
date:

08-02-2024

Provisional Part-I Fuel Surcharge Adjustment bill for the Month of January 2024

THERMAL & GAS STATIONS

SR N O.	POWER STATION	ECR Considered for FAC (Rs/Kwh)	Calculated VC Rs/Kwh	Adjustment of FSA Rate (Rs./kWh)	Net Generation sent out (MU's)	FAC-I (Rs. Lakh)
		(a)	(b)	(c) = (b - a)	(d)	(e) = d X c X 10
1	BHUSAWAL (Unit 3)	4.408	4.651	0.243	81.240813	197.41518
2	BHUSAWAL (Unit 4-5)	3.710	3.840	0.130	488.454338	634.99064
3	KHAPARKHEDA (Unit 1- 4)	4.197	3.561	-0.636	357.426176	-2273.23048
4	KHAPARKHEDA Unit 5	4.007	3.102	-0.905	275.229193	-2490.82420
5	NASHIK (Unit 3-5)	4.647	4.663	0.016	146.934878	23.50958
6	CHANDRAPUR (Unit 3-7)	4.103	4.219	0.116	680.792069	789.71880
7	CHANDRAPUR (Unit- 8 & 9)	3.444	3.577	0.133	504.578653	671.08961
8	PARAS (Unit 3- 4)	3.483	3.327	-0.156	277.931514	-433.57316
9	PARALI (UNIT 6-7)	5.100	5.132	0.032	141.600106	45.31203
10	PARALI (UNIT 8)	5.016	5.151	0.135	69.264497	93.50707
11	KORADI (Unit 6)	3.319	3.013	-0.306	79.573032	-243.49348
12	KORADI (Unit-8,9 & 10)	3.084	3.072	-0.012	1055.954156	-126.71450
13	GTPS URAN (Combine cycle)	6.760	5.212	-1.548	196.630500	-3043.84014
14	GTPS URAN (Open cycle)	6.760	7.270	0.510	0.015000	0.07635
TOTAL MSPGCL FAC BILL					4355.624925	-6156.05670

The provisional Part-I Fuel Surcharge Adjustment bill, for MSPGCL stations, to MSEDCL for the month of Dec -2023 is withdrawal of Rs Sixty One Crore Fifty Six Lakhs Five Thousand Six Hundred Seventy Only.


10/01/2024

Chief Engineer

Regulatory & Commercial Dept.