

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

(*Effective from 16.02.2024 to 15.03.2024)

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	JGPS (RLNG)	CS	-	Gas	11.2272	0.0000	11.2272
2	KAWAS (RLNG)	CS	-	Gas	11.1835	0.0000	11.1835
3	GANDHAR (NAPM-COM GAS)	CS	-	Gas	11.0909	0.0000	11.0909
4	KAWAS (NAPM-COM GAS)	CS	-	Gas	10.8401	0.0000	10.8401
5	Uran GTPS (Open cycle operation)	MSPGCL	-	Gas	7.2730	0.0000	7.2730
6	Jindal Power Limited U2, Dhule to MSEDCL	STOA	135	Coal	6.7000	0.0000	6.7000
7	KAWAS (APM GAS)	CS	200	Gas	5.9408	0.0000	5.9408
8	GANDHAR (APM GAS)	CS	204	Gas	5.9096	0.0000	5.9096
9	Parali Unit - 06 & 07	MSPGCL	500	Coal	5.3410	0.0000	5.3410
10	Parali Unit -08	MSPGCL	250	Coal	5.3000	0.0000	5.3000
11	Uran GTPS (Combined cycle operation)	MSPGCL	840	Gas	5.2140	0.0000	5.2140
12	APML, 440 MW	IPP	440	Coal	2.4189	2.7918	5.2107
13	APML, Unit 1,4 & 5 1200 MW	IPP	1200	Coal	2.3589	2.7918	5.1507
14	APML, Unit 1,4 & 5 125 MW	IPP	125	Coal	2.3589	2.7918	5.1507
15	Solapur STPS	CS	642	Coal	4.8869	0.0000	4.8869
16	Nasik Unit - 03 to 05	MSPGCL	630	Coal	4.6600	0.0000	4.6600
17	Bhusawal Unit - 03	MSPGCL	210	Coal	4.6350	0.0000	4.6350
18	Khargone	CS	85	Coal	4.5255	0.0000	4.5255
19	Chandrapur Unit - 03 to 07	MSPGCL	1920	Coal	4.3050	0.0000	4.3050
20	CGPL	CS	760	Coal	4.1305	0.0000	4.1305
21	JSW U1, Jalgaod	IPP	300	Coal	4.0200	0.0000	4.0200
22	Bhusawal Unit - 04 & 05	MSPGCL	1000	Coal	4.0050	0.0000	4.0050
23	Gadarwara	CS	46	Coal	3.7533	0.0000	3.7533
24	MSTPS-II	CS	531	Coal	3.7351	0.0000	3.7351
25	MSTPS-I	CS	394	Coal	3.7133	0.0000	3.7133
26	Chandrapur Unit - 08,09	MSPGCL	1000	Coal	3.5860	0.0000	3.5860
27	APML, Unit 2 & 3 (1320 MW)	IPP	1320	Coal	1.6770	1.8247	3.5017
28	Khaperkheda Unit - 01 to 04	MSPGCL	840	Coal	3.4610	0.0000	3.4610
29	IEPL TO MSEDCL	STOA	180	Coal	3.3700	0.0000	3.3700
30	Paras Unit - 03 & 04	MSPGCL	500	Coal	3.3060	0.0000	3.3060
31	Koradi Unit - 08 to 10	MSPGCL	1980	Coal	3.0770	0.0000	3.0770
32	Khaperkheda Unit - 05	MSPGCL	500	Coal	3.0090	0.0000	3.0090
33	SWPGPL TO MSEDCL	LTOA	240	Coal	2.5389	0.4106	2.9495
34	Koradi Unit - 06	MSPGCL	210	Coal	2.9490	0.0000	2.9490
35	EMCO	CS	200	Coal	2.9102	0.0000	2.9102
36	RattanIndia Power Ltd, Amravati	IPP	1200	Coal	2.3659	0.5072	2.8731
37	KHTPS-II	CS	148	Coal	2.8133	0.0000	2.8133
38	VSTP-I	CS	432	Coal	1.7475	0.0000	1.7475
39	KSTPS I AND II	CS	635	Coal	1.7128	0.0000	1.7128
40	SSTPS-II	CS	274	Coal	1.7123	0.0000	1.7123
41	VSTPS-V	CS	161	Coal	1.6903	0.0000	1.6903
42	KSTPS-III	CS	120	Coal	1.6649	0.0000	1.6649
43	VSTP-II	CS	336	Coal	1.6646	0.0000	1.6646
44	SSTPS-I	CS	556	Coal	1.6626	0.0000	1.6626
45	VSTPS-III	CS	275	Coal	1.6405	0.0000	1.6405
46	VSTP-IV	CS	294	Coal	1.6209	0.0000	1.6209
47	Lara	CS	114	Coal	1.4759	0.0000	1.4759
DECENTRALISED MOD STACK FOR AEML							
1	ADTPS U-1 & 2	DTPS	500	Coal	3.5848	0.0000	3.5848
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	5.6920	0.0000	5.6920
3	TPC U-8	TATA	250	Coal	5.5530	0.0000	5.5530
4	TPC U-7 (APM) *	TATA	180	Gas	5.0440	0.0000	5.0440
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	5.6920	0.0000	5.6920
3	TPC U-8	TATA	250	Coal	5.5530	0.0000	5.5530
4	TPC U-7 (APM) *	TATA	180	Gas	5.0440	0.0000	5.0440
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 mahasidc.in website on dated 15.02.2024

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/LT0158

Date: 01-Feb-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 January 2024

- 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 January 2024, Bill No. (112 /2023) for supply of Power from for MSPGCL's Thermal & Gas Power Stations to MSEDCL.

Mahagenco's Thermal & Gas Power Stations have supplied Total 4824.44784 MUs to MSEDCL, in the month of January 2024. Net Energy Bill amount for MAHAGENCO's Thermal & Gas Power Stations is Rs.2646.7638059 Crores; Bill amount in words Rs. Two Thousand Six Hundred Forty Six Crore Seventy Six Lakhs Thirty Eight Thousand Fifty Nine 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 Jan-2024 as the **Eighth 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: 112 /2023
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Regard's



Chief Engineer (RCD), MSPGCL

MAHARASHTRA STATE POWER GENERATION CO. LTD.

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Email: rgen@mahagenco.in

Regulatory & Commercial Dept.

Prakashgad, 3rd Floor,

Bandra (E) Mumbai 400 051



Energy Bill No: 112 /2023

Bill Date: 01-02-2024

Due date: 01-03-2024

Energy Bill of MAHAGENCO for the Month of Jan 2024 (From 01.01.2024 (00.00Hrs) to 31.01.2024(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)	45.489672	4.408	2005.18474	1443.11576	3448.30050	648.64830	794.46746	2799.65220
2	BHUSAWAL (Unit 4-5)	565.687744	3.710	20987.01530	8604.87758	29591.89288	-1074.70054	9679.57812	30666.59342
3	KHAPARKHEDA (Unit 1-4)	352.336210	4.197	14787.55073	5014.31725	19801.86798	414.90196	4599.41529	19386.96602
4	KHAPARKHEDA U # 5	285.628952	4.007	11445.15211	4571.94413	16017.09624	-36.89957	4608.84370	16053.99581
5	NASHIK (Unit 3-5)	193.948018	4.647	9012.76440	3929.38557	12942.14997	-148.46045	4077.84602	13090.61042
6	CHANDRAPUR (Unit 3-7)	746.659070	4.103	30635.42164	8174.40775	38809.82939	134.42853	8039.97922	38675.40086
7	CHANDRAPUR (Unit- 8 & 9)	547.394959	3.444	18852.28239	10105.32069	28957.60308	0.00000	10105.32069	28957.60308
8	PARAS (Unit 3- 4)	302.557905	3.483	10538.09183	3810.08488	14348.17671	-338.53709	4148.62197	14686.71380
9	PARLI (Unit 6- 7)	229.703661	5.100	11714.88671	3855.42814	15570.31485	0.00000	3855.42814	15570.31485
10	PARLI (Unit 8)	101.939820	5.016	5113.30137	3200.24029	8313.54166	54.95971	3145.28058	8258.58195
11	KORADI (Unit 6)	118.668331	3.319	3938.60191	2487.75165	6426.35356	-2.69423	2490.44588	6429.04779
12	KORADI (Unit- 8,9 & 10)	1126.733498	3.084	34748.46108	16217.60234	50966.06342	-2544.53595	18762.13829	53510.59937
13	GTPS URAN (Unit 5 -10)	207.700000	6.760	14040.52000	1019.47633	15059.99633	-1530.30469	2549.78102	16590.30102
	TOTAL THERMAL	4824.447840		187819.23421	72433.95236	260253.18657	-4423.19402	76857.14638	264676.38059

ENERGY BILL FOR SUPPLY OF ENERGY FROM MAHAGENCO'S THERMAL & GAS POWER STATIONS TO MAHAVITARAN FOR THE MONTH OF January 2024

Bill amount in words Rs. Two Thousand Six Hundred Forty Six Crore Seventy Six Lakhs Thirty Eight Thousand Fifty Nine Only

Prashant

Chief Engineer,
Regulatory & Commercial Dept.

MAHARASHTRA STATE POWER GENERATION CO. LTD.

Regulatory & Commercial Dept.
Preliminary, 3rd Floor,
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Calculation for Cumulative AVF Based AFC Disallowance upto January 2024

Month: Jan-24		Low demand season												B			
Season																	
Month no. in the season:																	
SIR. 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 January 2024 (%)	Actual off-peak period Cumulative AVF upto January 2024 (%)	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 January 2024 (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	10827.71120	80.00%	2165.54225	8662.16899	52.572%	52.651%	1423.08609	5700.89824	7123.98433	3703.72687	3055.07857	648.64830			
2	BHUSAWAL (Unit-4-5)	102944.53097	68629.68728	85.00%	13725.93746	54903.74985	82.661%	82.265%	13348.23196	53137.14096	66485.37292	2144.31436	3219.01490	-1074.70054			
3	KHAPARKHEDA (Unit 1-4)	61686.99370	41124.66248	85.00%	8224.93249	32899.72997	61.986%	61.772%	5998.00783	23909.20141	29907.20924	11217.45324	10802.55128	414.90196			
4	KHAPARKHEDA U # 5	51277.32952	34184.88632	85.00%	6836.97727	27347.90908	83.096%	82.232%	6683.82898	26457.33246	33141.16144	1043.72488	1080.62445	-36.89957			
5	NASHIK (Unit 3-5)	45794.62682	30529.75120	80.00%	6105.95024	24423.80097	80.514%	80.220%	6105.95024	24423.80097	30529.75121	-0.00001	148.46044	-148.46045			
6	CHANDRAPUR (Unit 3-7)	114214.08305	76142.72200	80.00%	15228.54441	60914.17763	48.575%	48.923%	9246.58181	37251.30390	46497.88571	29644.83629	29510.40776	134.42853			
7	CHANDRAPUR (Unit- 8 & 9)	120692.84832	80461.89888	85.00%	16092.37978	64369.51910	85.516%	85.024%	16092.37978	64369.51910	80461.89888	0.00000	0.00000	0.00000			
8	PARAS (Unit 3-4)	45996.02244	30664.01496	85.00%	6132.80299	24531.21197	80.345%	79.875%	5796.94184	23052.12419	28849.06603	1814.94893	2153.48602	-338.53709			
9	PABALI (UNIT 6-7)	44903.13773	29935.42512	85.00%	5987.08503	23948.34012	88.748%	89.166%	5987.08503	23948.34012	29935.42515	-0.00003	-0.00003	0.00000			
10	PABALI (UNIT 8)	37557.88352	25038.58904	85.00%	5007.71780	20030.87121	69.512%	69.809%	4095.25270	16451.00104	20546.25374	4492.33530	4437.37559	54.95971			
11	KORADI (UNIT 6)	25980.01978	17320.01320	72.00%	3464.00264	13856.01055	73.781%	74.056%	3464.00264	13856.01055	17320.01319	0.00001	2.69424	-2.69423			
12	KORADI (Unit- 8, 9 & 10)	221061.80461	147374.53640	85.00%	29474.90728	117899.62913	67.191%	66.984%	23299.39406	92910.45597	116209.85003	31164.68637	33709.22232	-2544.53595			
13	GTPS URAN (Unit 5-10)	27037.66230	18025.10824	38.11%	3605.02164	14420.08656	32.655%	33.181%	3089.00503	12555.04834	15644.05337	2381.05487	3911.35956	-1530.30469			
	TOTAL THERMAL	915388.50961	610259.00632		122051.80128	488207.20513			104629.74798	418022.17725	522651.92524	87607.08108	92030.27510	-4423.19402			


Chief Engineer,
Regulatory & Commercial Dept.
01/01/2024

Energy Bill of MAHAGENCO for the Month of Jan 2024 (From 01.01.2024 (00.00Hrs) to 31.01.2024(24:00Hrs)

THERMAL POWER STATIONS		Scheduled Generation
A. BHUSAWAL THERMAL POWER STATION		
Total scheduled Gen for Bhuswal 3		45.489672
B. Bhusawal THERMAL POWER STATION (Unit # 4) (500 MW)		
Total scheduled Gen for Bhuswal 4		285.439884
C. Bhusawal THERMAL POWER STATION (Unit # 5) (500 MW)		
Total scheduled Gen for Bhuswal 5		280.247860
Total scheduled Gen for Bhuswal 4 & 5		565.687744
D. KHAPERKHEDA THERMAL POWER STATION (U # 1-4) (840 MW)		
1	U#1 210 MW	101.558018
2	U#2 210 MW	25.241154
3	U#3 210 MW	105.835339
4	U#4 210 MW	119.701699
Total scheduled Gen for KPKD 1-4 (Mus.)		352.336210
E. KHAPERKHEDA THERMAL POWER STATION (Unit # 5) (500 MW)		
Units sent out (Mus.)		285.628952
F. NASHIK THERMAL POWER STATION (Unit # 3 to 5) (630 MW)		
1	U#3 210 MW	19.827804
2	U#4 210 MW	87.344759
3	U#5 210 MW	86.775455
TOTAL Units sent out (Mus.)		193.948018
G. CHANDRAPUR THERMAL POWER STATION (Unit # 3 to 7) (1920 MW)		
1	U#3 210 MW	89.101321
2	U#4 210 MW	54.023742
3	U#5 500 MW	234.655956
4	U#6 500 MW	214.597452
5	U#7 500 MW	154.280599
Unit sent out (Mus)		746.659070
H. CHANDRAPUR (Unit # 8) (500 MW)		
Net energy sent out from C'pur U-8		258.743092
I. CHANDRAPUR (Unit # 9) (500 MW)		
Net energy sent out from C'pur U-9		288.651867
Total Net sent out from Chandrapur 8 & 9		547.394959
J. PARAS THERMAL POWER STATION (Unit-3) (250 MW)		
Unit sent out (Mus)		147.191034
K. PARAS THERMAL POWER STATION (Unit-4) (250 MW)		
Unit sent out (Mus)		155.366871
Total Net sent out from Paras 3 & 4		302.557905
L. PARLI THERMAL POWER STATION (Unit-6) (250 MW)		
Units sent out (Mus.)		120.631354
M. PARLI THERMAL POWER STATION (Unit-7) (250 MW)		
Units sent out (Mus.)		109.072307
Total Net sent out from Parali 6 & 7		229.703661
N. PARLI (Unit-8) THERMAL POWER STATION		
Units sent out (Mus.)		101.939820
O. KORADI THERMAL POWER STATION (U# 6)		
Total Net sent out from Koradi 6		118.668331
P. KORADI THERMAL POWER STATION (U # 8) (660 MW)		
Unit sent out (Mus)		363.252494
Q. KORADI THERMAL POWER STATION (U # 9) (660 MW)		
Unit sent out (Mus)		371.371066
R. KORADI THERMAL POWER STATION (U # 10) (660 MW)		
Unit sent out (Mus)		392.109938
Total Net sent out from Koradi 8 & 9 & 10		1126.733498
I. GTPS Uran		
Unit-5		0
Unit-6		0.51475
Unit-7		68.19925
Unit-8		66.945
Unit-A0		0
Unit-B0		72.041
Total Net sent out from GTPS Uyan		207.700000

MAHARASHTRA STATE POWER GENERATION CO. LTD.

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

RCD24/15/LT0215

Date: 08/02/2024

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 January -2024 Part-I.

- Ref: 1) Energy Bill for Jan-2024 Dt.01.02.2024
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.
5) MERC Order dated 01.02.2024 in Case No. 132 of 2023.

Sir,

MSPGCL has already raised energy bill for the month of Jan-2024 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 Jan-2024:

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 Janlared 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 Jan-2024 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 except for gap allowed between 'As billed GCV & 'As Received GCV' for raw coal.

As per order dated 31.03.2023 in MSPGCL's petition for Mid term Review for 4th control period (Case no 227 of 2022) . Hon'ble commission had allowed "As billed" to "As Received" GCV gap as below

- 575 kcal/kg for Bhusawal # 3, Paras # 3, 4 & Parli #8
- 575 kcal/kg for remaining units.

Against this order, MSPGCL had approached Hon'ble Commission for review (Case 132 of 2023). Hon'ble Commission, vide order dated 01.02.2024, on this petition, has now allowed 'As billed to 'As received' GCV gap of 650kcal/kg for raw coal at all stations. The extracts from relevant MERC order are as below;

"16.45 The Commission also notes that the Commission in its Order dated dated 1 March, 2021 on Review Petition filed on MYT Order under provisions of Power to Relax of MYT Regulations, 2019 has relaxed the GCV loss up to 650 kcal/kg (i.e., additional 350 kcal/kg over and above the GCV loss specified in MYT Regulations) for FY 2020-21. Hence, the GCV loss in excess of 650 kcal/kg cannot be allowed as this was the target specified for first year of the Control Period. Accordingly, the Commission relaxes the GCV loss by 350 kcal/kg and allows total GCV loss of up to 650 kcal/kg for FY 2023-24 and FY 2024-25 subject to following conditions:....."

16.46 Accordingly, the relaxed GCV loss permissible for these 2 years shall be as follows:

- FY 2023-24: Relaxation of 350 kcal/kg in loss of GCV in addition to 300 kcal/kg as per MYT Regulations, 2019....."

Accordingly, MSPGCL has considered 'As Billed to As Received' GCV gap of 650 kcal/kg for computation of this part I FAC bill for January 2024.

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 ani Bhusawal TPS has shared such segregated data for Jan'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 Jan'2023 RCD has computed the normative ECR for Chandrapur # 3 to 7, Chandrapur # 8,9, Bhusawal # 4,5 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 Jan-2024, 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 Jan-2024:

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 CAPP 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 Jan-2024 is Rs. -47,71,78,569/- (In words, (-) Forty Seven Crore Seventy One Lakhs Seventy Eight Thousand Five Hundred Sixty Nine Only)

Part (II) of the FAC bill for Jan-2024 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 Jan-2024 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.

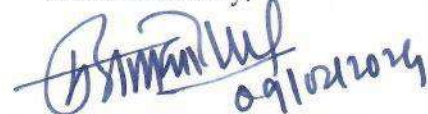
"33.9 MoD Stack uploaded on the 15th of the month Aug be subsequently revised by SLDC in the following circumstances:

- 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.

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Regulatory & Commercial Dept.
Prakashgad, 3rd Floor,

Bandra (E) Mumbai 400 051

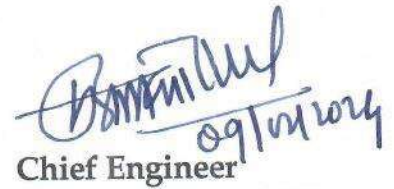
Bill No	129/2023	Date:	08-02-2024	Due date:	09-03-2024
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Provisional Part-I Fuel Surcharge Adjustment bill for the Month of January 2024

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	4.635	0.227	45.489672	103.26156
2	BHUSAWAL (Unit 4-5)	3.710	4.005	0.295	565.687744	1668.77884
3	KHAPARKHEDA (Unit 1- 4)	4.197	3.461	-0.736	352.336210	-2593.19451
4	KHAPARKHEDA Unit 5	4.007	3.009	-0.998	285.628952	-2850.57694
5	NASHIK (Unit 3-5)	4.647	4.660	0.013	193.948018	25.21324
6	CHANDRAPUR (Unit 3-7)	4.103	4.305	0.202	746.659070	1508.25132
7	CHANDRAPUR (Unit- 8 & 9)	3.444	3.586	0.142	547.394959	777.30084
8	PARAS (Unit 3- 4)	3.483	3.306	-0.177	302.557905	-535.52749
9	PARALI (UNIT 6-7)	5.100	5.341	0.241	229.703661	553.58582
10	PARALI (UNIT 8)	5.016	5.300	0.284	101.939820	289.50909
11	KORADI (Unit 6)	3.319	2.949	-0.370	118.668331	-439.07282
12	KORADI (Unit-8,9 & 10)	3.084	3.077	-0.007	1126.733498	-78.87134
13	GTPS URAN (Combine cycle)	6.760	5.214	-1.546	207.185250	-3203.08397
14	GTPS URAN (Open cycle)	6.760	7.273	0.513	0.514750	2.64067
TOTAL MSPGCL FAC BILL					4824.447840	-4771.78569

The provisional Part-I Fuel Surcharge Adjustment bill, for MSPGCL stations, to MSEDCL for the month of Jan -2024 is withdrawal of Rs. Forty Seven Crore Seventy One Lakhs Seventy Eight Thousand Five Hundred Sixty Nine Only.



Chief Engineer

Regulatory & Commercial Dept.