

# **GULBARGA ELECTRICITY SUPPLY COMPANY LIMITED**

CIN : U04010KA2002SGC030436

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**GST No. 29AABCG8895RIZD**

Corporate Office,  
GESCOM, Kalaburagi.

No. GESCOM/CFO/EE(RA)/AAO(RA)/22-23/ 59425

Date **28 FEB 2023**

Encl: 5 Pages

## **ORDER**

As per the Hon'ble Karnataka Electricity Regulatory Commission (Fuel and Power Purchase Cost Adjustment) (First Amendment) Regulations, 2023, Notification No. KERC B/5/12/2807 dated: 23.02.2023 in the matter of Fuel and Power Purchase Cost Adjustment (FPPCA) due for January 2023 to be allowed in the billing month- March 2023

### **PREAMBLE:**

1. In accordance with the provisions of the Karnataka Electricity Regulatory Commission (KERC) (Fuel and Power Purchase Cost Adjustment) (First Amendment) Regulations, 2023, Notification No. KERC B/5/12/2807 dated: 23.02.2023. The GESCOM has to recover Fuel and Power Purchase Cost Adjustment (FPPCA), charges to be recovered/ refunded in the billing month of March-2023, based on the Fuel and Power Purchase Cost incurred during January 2023.
2. The GESCOM has proceeded to compute the recoverable/ refundable FPPCA for the month of January 2023 by considering the following:
  - i. The source-wise power purchase cost incurred by GESCOM during the month of January, 2023:
  - ii. Energy balancing transactions are excluded from the computation of FPPCA since the GESCOM is accounting the net effect of energy balancing (over & under drawl), at the year end.
  - iii. The recoverable/ refundable variation in fuel and power purchase cost has been arrived at with reference to the fuel and power purchase cost (both fixed and variable cost), approved in Commission's Tariff Order-2022 dated 04<sup>th</sup> April 2022 and based on the formula as notified in (Fuel and Power Purchase Cost Adjustment) (First Amendment) Regulations, 2023, Notification No. B/5/12/2807 dated: 23.02.2023.
  - iv. The Retail Sales for the month of march-2023 have been projected as per Clause 4.2 of the KERC (Fuel and Power Purchase Cost Adjustment) Regulations, 2023. Considering the quantum of energy purchased by GESCOM for the month of January, 2023 is arrived net of the approved transmission and distribution losses.
3. There is Increase in the power purchase cost in respect of GESCOM Power Purchase Cost during the month of January 2023

4. The Fuel Cost Adjustment Charges claimed by GESCOM is without considering the energy balancing transactions based on the relevant records and documents/ details under and duly certified by the Chartered Accounts for the Month of January 2023, and is as follows:

<b>Computation of FPPCA</b>	
Energy Generation Point (in MUs)	894.73
Less : IEX Sales (in MUs)	0.90
Net Energy Purchased (in MUs)	893.84
Approved Transmission Loss (in % )	2.864
Energy at IF Point (in MUs)	868.24
Approved Distribution Loss in %	10.50
Projected Energy Sales (in MUs)	777.07
Allowable FPPCA in Rs Crores	61.93
FPPCA In Paise Per Unit	79.70
Round off to nearest rupee	80.00

The FPPCA approved in the above table is apart from the Commission approved FAC for 2<sup>nd</sup> Quarter of FY23 dated: 22.12.2022 which is also to be recovered during the month of March-2023.

Therefore, the GESCOM hereby order as follows;


**ORDER**

In accordance with the provisions of the KERC (Fuel and Power Purchase Cost Adjustment) Regulations 2023, the GESCOM, has recognized the variations in the fuel and power purchase cost for the month of January 2023 and decides to refund/recover the fuel and power purchase cost adjustment charges per unit of sale, in the energy bills to be issued to GESCOM consumers during the billing month i.e., from 1<sup>st</sup> March, 2023 to 31<sup>st</sup> March, 2023 at the following rate:

<b>January 2023 month Net FPPCA in paisa per unit to be refunded / recovered from the consumers.</b>
80

The fuel cost adjustment charges of GESCOM to be refunded/ recovered in all the energy bills, to be issued to GESCOM consumers from 1<sup>st</sup> March, 2023 to 31<sup>st</sup> March, 2023.

This order is signed and issued by the Gulbarga Electricity Supply Company Limited on this day, the 27<sup>th</sup> February, 2023.

  
(Abdul Wajid)  
Chief Financial Officer

**GULBARGA ELECTRICITY SUPPLY COMPANY LIMITED**

Annexure to KERC (Fuel and power Purchase Cost Adjustment ) (First Amndement) Regulations, 2023

**Fuel & Power Purchase Cost Adjustment Charges for the month Jan-23**

Sl.	Name of the Generating Station	Approved Fuel & Power Purchase Cost		Month-1-Jan-23					
		Capacity/ Fixed Charges per month (*1)  (Rs.in Cr.)	Variable Charges  (Rs./unit)	Capacity/ Fixed Charges for the month  (Rs.in Cr.)	Quantum of energy Purchased in the month  (in MU)	Variable Charges  (Rs./unit)	Variable Charges  (6 x 7) (Rs.in Cr.)	Total Power Purchase cost paid for the month <b>(*2)</b> (5+8) (Rs.in Cr.)	Difference in power purchase cost for the month [9-({3+{4*6}})] (Rs.in Cr.)
<b>A. State Generating Stations</b>									
1	RTPS- 1 to 7	9.793	2.880	6.329	49.012	4.632	22.702	29.031	5.123
2	RTPS- 8	2.143	2.870	1.996	13.989	4.482	6.270	8.266	2.108
3	BTPS unit - I	3.199	2.920	3.064	21.564	4.389	9.464	12.528	3.032
4	BTPS unit - II	4.087	2.880	2.711	20.758	4.268	8.860	11.571	1.506
5	BTPS unit - III	10.129	2.800	6.208	32.492	3.738	12.146	18.354	-0.873
6	YTPS	19.369	2.920	15.346	69.738	4.091	28.530	43.876	4.144
	<b>Total-SGS</b>	<b>48.720</b>	<b>2.880</b>	<b>35.654</b>	<b>207.553</b>		<b>87.972</b>	<b>123.626</b>	<b>15.039</b>
<b>B. Central Generating Stations</b>									
1	N.T.P.C-RSTPS I&II	2.398	2.710	2.172	26.218	3.213	8.424	10.596	1.093
2	NTPC RSTPS III	0.632	2.660	0.838	9.817	3.252	3.193	4.031	0.788
3	NTPC-Talcher	1.989	1.770	1.974	15.475	4.296	6.648	8.622	3.894
4	Simhadri unit 1 & 2	2.166	2.960	1.797	25.059	1.763	4.418	6.215	-3.368
5	NTECL Vallur TPS stage 1&2&3	2.107	3.250	1.596	6.761	3.087	2.087	3.683	-0.621
6	Neveli Lignite Corporation NLC TPSII Stage 1	0.728	2.660	0.482	6.880	2.737	1.883	2.365	-0.193
7	Neveli Lignite Corporation NLC TPSII Stage 2	1.008	2.660	0.342	4.757	2.740	1.303	1.645	-0.628
8	Neveli Lignite Corporation NLC TPS I Expn	0.739	2.410	0.633	6.282	2.595	1.630	2.263	0.010
9	Neveli Lignite Corporation NLC TPS 2 Expn	1.923	2.550	0.424	1.912	2.610	0.499	0.923	-1.488
10	NLC Tamil Nadu Power Ltd (NTPL)	2.368	3.150	2.326	16.927	3.527	5.970	8.296	0.596
11	MAPS	0.000	2.570	0.000	1.139	2.668	0.304	0.304	0.011
12	Kaiga	0.000	3.460	0.000	19.272	3.491	6.728	6.728	0.060
13	NPCIL Kudankulam Atomic Power Generating Station (KKNPP)	0.000	4.090	0.000	34.247	4.387	15.024	15.024	1.017
14	DVC (Meja TPS 7 & 8)	2.075	2.940	2.075	17.078	3.172	5.417	7.492	0.396
15	DVC (Koderma TPS 1 & 2)	2.993	2.690	2.993	20.556	3.068	6.307	9.300	0.777
16	Kudgi	15.171	3.550	14.847	78.047	5.485	42.809	57.656	14.778
17	NLC New Thermal Project	0.950	2.190	0.929	5.244	2.226	1.167	2.096	-0.002
	<b>Total-CCGS</b>	<b>37.247</b>	<b>2.920</b>	<b>33.428</b>	<b>295.671</b>		<b>113.811</b>	<b>147.239</b>	<b>17.119</b>
<b>C. IPPs</b>									
1	Udupi Power Corporation Limited_UPCL	11.113	4.280	11.113	17.692	11.521	20.383	31.496	12.811
	<b>Total-CIPP</b>	<b>11.113</b>	<b>4.280</b>	<b>11.113</b>	<b>17.692</b>		<b>20.383</b>	<b>31.496</b>	<b>12.811</b>
<b>D. Other Purchases</b>									
<b>KPCL Hydel</b>									
1	Sharavathy Valley Project	0.000	0.620		57.678	0.560	3.230	3.230	-0.346
2	Mahatma Gandhi Hydro Electric Power House_MGHE	0.000	1.510		4.248	0.624	0.265	0.265	-0.376
3	Gerusoppa_GPH	0.000	1.960		5.133	2.024	1.039	1.039	0.033
4	Kali Valley Project_KVP	0.000	0.950		30.096	0.972	2.925	2.925	0.066
5	Varahi Valley Project_VVP	0.000	1.810		14.218	1.552	2.207	2.207	-0.366
6	Almatti Dam Power House_ADPH	0.000	2.150		2.992	3.138	0.939	0.939	0.296
7	Bhadra Power House Power House_BHEP	0.000	5.900		1.081	2.969	0.321	0.321	-0.317
8	Kadra Power House_KPH	0.000	2.630		2.131	2.980	0.635	0.635	0.075
9	Kodasalli Power House_KDPH	0.000	1.820		2.438	1.965	0.479	0.479	0.035
10	Ghataprabha Power House_GDPH	0.000	3.120		1.373	3.066	0.421	0.421	-0.007

Sl.	Name of the Generating Station	Approved Fuel & Power Purchase Cost		Month-1-Jan-23						
		Capacity/ Fixed Charges per month (*1) (Rs.in Cr.)	Variable Charges (Rs./unit)	Capacity/ Fixed Charges for the month (Rs.in Cr.)	Quantum of energy Purchased in the month (in MU)	Actual Power Purchase cost			Total Power Purchase cost paid for the month (*2) (5+8) (Rs.in Cr.)	Difference in power purchase cost for the month [9-(3+(4*6))] (Rs.in Cr.)
						Variable Charges (Rs./unit)	Variable Charges (6 x 7) (Rs.in Cr.)			
1	2	3	4	5	6	7	8	9	10	
11	Shivasamudram&Shimshapura Hydro Stations	0.000	1.390		2.455	1.580	0.388		0.388	0.047
12	Munirabad Power House	0.000	1.160		1.404	0.734	0.103		0.103	-0.060
	Total KPCL Hydel (D)	0.000	1.130	0.000	125.247		12.952		12.952	-0.922
E	Other Hydro									
1	Priyadarshini Jurala Hydro Electric projects	0.000	3.100		0.000		0.634		0.634	0.634
2	Tungabhadra Dam Power House_TBPH	0.000	0.550				0.000		0.000	0.000
	Total other Hydro (E)	0.000	2.670		0.000		0.634		0.634	0.634
F	Non Conventional Energy Sources									
1	Wind-IPPS	0.000	3.960		86.998	3.932	34.208		34.208	-0.243
2	Mini Hydel-IPPS	0.000	3.350		6.170	3.198	1.973		1.973	-0.094
3	Co-Generation	0.000	5.830		20.549	5.593	11.493		11.493	-0.487
4	Captive	0.000	3.020		0.000	0.000	0.000		0.000	0.000
5	Bio - Mass	0.000	5.390		1.248	4.050	0.505		0.505	-0.168
6	Solar-existing	0.000	4.290		103.817	4.425	45.942		45.942	1.405
7	Solar KPCL Yapaldinni	0.000	6.000		0.248	6.000	0.149		0.149	0.000
	Total RE (F)	0.000	4.120		219.030		94.270		94.270	0.413
G	Bundled Power									
1	NTPC Bundled Power Coal old	0.000	2.730		6.963	4.719	3.286		3.286	1.385
2	NTPC Bundled Power Solar old	0.000	10.520		0.954	11.215	1.070		1.070	0.066
3	NTPC Solar Bundle power Solar new	0.000	4.800		17.806	5.198	9.256		9.256	0.709
	Total Bundled power (G)	0.000	4.660		25.723		13.611		13.612	2.161
E.	Transmission Charges (Rs. In Cr.)									
a	KPTCL Transmission Charges	51.169		51.169					51.169	0.000
b	PGCIL Transmission Charges	17.000		20.972					20.972	3.972
c	SLDC	0.275		0.275					0.275	0.000
d	POSOCO	0.044							0.000	-0.044
		68.488		72.416	0.000				72.416	3.928
F.	Other Costs (Rs.in Cr.)									
	UI				1.339		1.036		1.036	1.036
	IEX Purchase				2.479	6.229	1.544		1.544	1.544
	amounts paid on account of orders of KERC/CERC/APTEL/High Court/ Supreme Court.						8.418		8.418	8.418
	Less: Energy Sales (in IEX / Bilateral, etc.) (*3)		5.564		-0.899	8.319	-0.748		-0.748	-0.248
G.	Total:	165.568	3.080	152.611	893.835	3.959	353.882		506.495	61.933

(\*1) "Annual approved fixed/capacity/other chares" divided by 12

(\*2) This should be agreed with actual power purchase cost booked in the accounts as per the admitted bills of generators/others.

(\*3) Cost perunit realized to beshown in column No.4 with reference to the actual avarage power purchase cost incurred during the relevant quarter before IEX slaes and energy balancing

*AD I*

*AD II*

*AD*

*EE (C)*

*Amogh S. Dharwadkar*



Amogh S. Dharwadkar  
M.Com., FCA  
Membership No.217409  
Partner  
Ramesh Kamalapurkar & Co.  
Chartered Accountants, Kalaburagi-1  
Firm Regn. No.0029965

UDIN: 23217409BGRKXZ6002

# GULBARGA ELECTRICITY SUPPLY COMPANY LIMITED

Annexure KERC (Fuel and Purchase Cost Adjustments) (First Amendment) Regulation, 2023

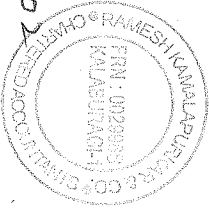
Format-3

Energy at Generation Point, I/F Point and energy sales

Sl. No.	Month	Actual Total Energy Purchased at Generation Bus including sales in IEX (in MU)	Energy Sales through IEX, bilateral, etc., (in MU)	Net Energy Purchases to the account of ESCOM (3-4) (in MU)	Energy at Interface Point Previous Month (in MU)	Actual energy sales as per DCB (in MU)	Distribution Loss (%)
1	Month-1- Jan-23	3	4	5	6	7	8=(6-7)/6*100
		894.73	0.90	893.84	841.96	757.18	10.07%

*(Signature)*

**Amogh S. Dharwadkar**  
 M.Com., FCA  
 Membership No. 217409  
 Partner  
**Ramesh Kamalapurkar & Co.**  
 Chartered Accountants, Kalaburagi-1  
 Firm Regn. No. 002996S



UDIN: 23217409BGRKXZ6002

*(Signature)*  
 HEEEL (M.S.)

*(Signature)*  
 Ap (VRS)

# GULBARGA ELECTRICITY SUPPLY COMPANY LIMITED

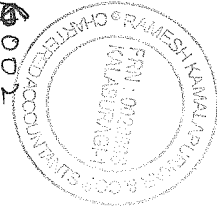
Annexure KERC (Fuel and Purchase Cost Adjustments) (First Amendment ) Regulation, 2023  
 Projected Energy Sales for the billing month of March-2023

Format-4

Sl No.	Energy Purchased as per SLDC in MU	Total Actual Energy Purchased at Generation Bus in MU as per Format-1	Sale of Energy through Energy Exchanges/Agen ceis in MU	Net Energy Purchased in MU	Approved Transmission Losses in %	Energy Purchased at Interface Points in MU	Distribution Losses in %	Projected Retail Sales in MU
1	Month-1			(3-4)		(5-(5*6))		(7-(7*8))
2	894.73	894.73	0.90	893.84	2.86%	868.24	10.50%	777.07

*(Signature)*

**Arnogh S. Dharwadkar**  
 M.Com., FCA  
 Membership No. 217409  
 Partner  
**Ramesh Kamalapurkar & Co.**  
 Chartered Accountants, Kalaburagi-1  
 Firm Regn. No. 002996S



UDIN: 23217409 BGRKXZ 6002

*(Signature)*  
 AEEC (MRT)  
*(Signature)*  
 AOC (S)

**GULBARGA ELECTRICITY SUPPLY COMPANY LTD.,**

**NAME OF THE DIVISION:**

**GESCOM**

**DCB for the Month of :**

**Jan-2023 (Provisional)**

**(Rs. in lakhs)**

Category	No. of Installations	Installations with Meter	No. of Installations Read	Consumption (in MU)	Opening Balance			Demand			Collection			Closing Balance			Collection efficiency (1+12/9)	Ratio Balance / Demand (14/9)
					Revenue	Tax	Revenue	Tax	Revenue	Rev. Adj.	Tax	Revenue (7+9-11-12)	Tax (8+10-13)					
1	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			
LT-1	6829	6736	14188	0.31	8997.06	274.55	65.95	1.26	7.77	25.06	-25.39	9030.16	301.20	49.79%	1369.32			
LT-1a	590846	423948	660609	22.42	247.24	1.39	1966.19	0.00	1.23	1956.87	0.00	255.33	1.39	99.59%	1.30			
LT-2(a&b)	2030077	1817386	2831772	96.45	31906.97	5534.30	7952.31	515.88	7275.00	949.42	445.93	31634.86	5604.24	103.42%	39.78			
LT-3	325365	299995	656833.64	31.63	3673.97	1670.75	3717.37	279.07	3003.09	761.53	276.42	3626.72	1673.39	101.27%	9.76			
LT-4(a)	425884	198305	519652	345.10	64897.62	18.81	24694.74	0.00	0.18	24694.71	0.00	64897.47	18.81	100.00%	26.28			
LT-4(b)	2305	1373	440	0.28	2185.07	62.79	28.54	0.93	4.67	1.04	0.00	2207.90	63.72	20.02%	773.56			
LT-4(c)	620	415	463	0.18	1150.08	38.01	19.27	0.71	2.32	1.16	0.08	1165.87	38.63	18.08%	605.11			
LT-5a to d	73238	59891	270240.2	16.63	2599.73	604.93	1752.77	105.32	1583.82	207.38	97.30	2561.29	612.95	102.19%	14.61			
LT-6	29029	27163	122905.6	39.49	60475.88	5421.07	3330.56	193.86	458.38	68.28	32.44	63179.77	5582.49	16.30%	195.57			
LT-6(i)	17586	16748	75459	25.69	78358.98	5054.89	2706.24	147.49	493.20	12.13	13.57	80559.89	5188.81	18.67%	297.68			
LT-7	53126	25083	21732	2.17	-535.45	172.86	507.74	26.78	398.08	104.06	35.00	-529.85	164.65	98.90%	-10.44			
LT Total	3554905	2877043	5174294	580.34	253957.15	18854.35	46641.67	1271.29	13227.76	28781.64	875.36	258589.42	19250.28	90.07%	55.44			
HT-1	189	183	57947	11.35	2099.62	537.03	856.19	58.45	261.91	176.88	23.40	2517.02	572.08	51.25%	29.40			
HT-2(a)	1875	1673	1253136	140.92	4213.99	2420.39	13143.60	1017.76	6935.58	6392.89	898.67	4029.11	2539.48	101.41%	3.07			
HT-2(b)	478	471	37822	6.11	264.75	190.22	731.45	50.85	529.57	174.64	56.04	291.99	185.03	96.28%	3.99			
HT-2(c)	318	314	5756	3.65	559.45	188.47	411.97	28.57	238.07	107.58	23.47	625.77	193.57	83.90%	15.19			
HT-3(a)	410	353	318	12.04	4353.53	643.89	580.78	43.88	539.70	36.77	20.18	4357.84	667.58	99.26%	75.03			
HT-3(b)	48	47	41	0.03	425.04	35.75	6.23	0.14	14.24	0.05	0.05	416.98	35.84	229.38%	669.37			
HT-4	54	44	32	1.24	246.90	33.92	105.03	8.65	29.30	71.78	8.62	250.85	33.96	96.24%	23.88			
HT 5	71	46	43	1.49	105.46	128.63	356.57	14.36	106.98	178.56	10.08	176.50	132.91	80.08%	4.95			
HT Total	3443	3131	1355095	176.84	12268.72	4178.30	16191.83	1222.66	8655.35	7139.14	1040.51	12666.05	4360.45	97.55%	7.82			
HT Grand Total	3558348	2880174	6529389	757.18	266225.87	23032.65	62833.49	2493.95	21883.11	35920.78	1915.87	271255.48	23610.73	92.00%	43.17			
Part-2	0	0	0	0.00	0.00	0.00	22.58	0.00	22.58	0.00	0.00	0.00	0.00	100.00%	0.00			
iv	3558348	2880174	6529389	757.18	266225.87	23032.65	62856.07	2493.95	21905.68	35920.78	1915.87	271255.48	23610.73	92.00%	43.16			

*Amogh S. Dhartwadkar*  
**Amogh S. Dhartwadkar**  
 M.Com., FCA  
 Membership No. 217409

**Ramesh Karmalapurkar & Co.**  
 Chartered Accountants, Kalaburagi-1  
 Firm Regn. No. 0029989



*APD (DUB)*

*APD (DCB)*

UDIN: 23217409BGRKXZ6002

**Fuel and Power Purchase Cost Adjustment for the Month of January-2023**

**Computation of FPPCA**

The formula for computation of the Fuel Cost Adjustment Charges shall be as under:

$$\text{FPPCA} = \frac{[(\text{CSG} + \text{CCGS} + \text{CIPP} + \text{Z}) - \text{S}]}{\text{Q}} * 1000$$

**Where**

- CSG** Change in fuel and power purchase cost of State owned power Generating Station including transmission cost :  
**CCGS** Change in fuel and power purchase cost of Central Generating Stations including Transmission Cost  
**CIPP** Change in fuel and power purchase cost of Generating Stations of other independent Power Producers having long term PPAs.  
**Q** Sales computed as per clause 4.2 of Fuel and Power Purchase Cost Adjustment (FPPCA) Regulations, 2022 considering the quantum energy purchased during the relevant period by excluding the quantum energy sold through Energy Exchanges or other Agencies .  
**Z** Adjustment Factor for any over / under recovery.  
**S** Incremental gain or loss incurred on the sale of purchased power through Energy Exchanges or other Agencies over the actual average power cost incurred for the relevant month. .

**COMPUTATION OF SALES (in MU) = Q**

Month	Net Energy purchased in MU	Transmission Loss	Distribution Loss	Sales in MU (Q)
Jan-23	893.83	25.60	91.16	777.07
	<b>Rs. in Crs</b>			
CSG	15.04			
CCGS	17.12			
CIPP	30.02			
Z				
S	-0.25			
FPPCA	= $\frac{[(\text{CSG} + \text{CCGS} + \text{CIPP} + \text{Z}) - \text{S}]}{\text{Q}} * 1000$			
FPPCA	80	Paisa/unit		

  
**Chief Financial Officer,**  
Corporate Office  
GESCOM, Kalaburagi.