

Office of Chief Engineer  
Commercial Unit

cecommercialunl@gmail.com



U.P. Rajya Vidyut Utpadan Nigam Ltd.  
14<sup>th</sup> Floor, Shakti bhawan Extn.  
Lucknow -226001  
Tel No.- 0522-2288056  
CIN : U 31901UP1985SGC007135  
gm.commercial@uprvunl.org

No. 242/UNL/CE(Comml.)/Energy Bill/FY (2024-25)

Date: 04, May- 2024

Superintending Engineer  
Electricity Import-Export & Payment Circle  
U.P. Power Corporation Ltd  
11<sup>th</sup> floor, Shakti Bhawan Extn.  
Lucknow-226001.

**Subject: Provisional Main Energy Bill of various TPS of UPRVUNL for the month April-2024.**

The Provisional Main Energy bill of various Thermal Power Stations of UPRVUNL against Electricity supplied by U.P. Rajya Vidyut Utpadan Nigam Ltd. to U.P. Power Corporation Ltd. during month **March- 2024** as detailed below, is being enclosed (ERP Generated) for payment:-

Main Bill No.:- UNL/Energy Bill(SG/ESO)/2024-04/01, dt. 04.05.2024 **1099.5939464 Crs**  
**(Rs One thousand and Ninety nine crore, fifty nine lacs, thirty nine thousand, four hundred and sixty four only)**

It is, therefore, requested that the payment of this Bill in accordance with UPERC Tariff Order dt. 29.04.2016, 24.05.2023, 29.05.2023, 16.06.2023, 31.01.2024, 05.02.2024 & 20.02.2024<sup>16.04.2024</sup> UPERC (Terms & Conditions of Generation Tariff) Regulation-2019, dt. 11.09.2019 and Power Purchase Agreements signed between UPRVUNL and UPPCL may kindly be ensured.

Last Energy Accounts from SLDC ~~2023~~ received on dt. 03.05.2024.

Encl.: As above.

(Hari Shyam)

S.E. (Commercial)

No. 242/UNL/CE(Comml.)/Energy Bill/FY (2023-24)

Date: 04, May- 2024

Copy forwarded to the followings for their kind information :-

1. PS to Managing Director, UPRVUNL, 7<sup>th</sup> floor, Shakti Bhawan, Lucknow.
2. Director (Project & Comml.), UPRVUNL, 8<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
3. Director (Technical), UPRVUNL, 8<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
4. Director (Finance), UPRVUNL, 8<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.

Copy forwarded to the followings for their kind information & necessary action :-

1. CE (Commercial/TO), UPRVUNL, 14<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
2. Chief General Manager, UPRVUNL, Anpara, Obra, Parichha, Harduaganj TPS.
3. Dy General Manager (Finance), UPRVUNL, 7<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
4. Dy General Manager (Accounts), UPRVUNL, 7<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
5. Chief Manager (F&A) CMU, UPRVUNL, 7<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.

✓ 6. Summary file/Bill Office copy.

*Hari Shyam*  
04.05.2024  
(Hari Shyam)  
S.E. (Commercial)

**U.P. Rajya Vidyut Utpadan Nigam Ltd.**  
**14th Floor, Shakti Bhawan Extn., Lucknow**  
**GST Reg. No.: 09AAACU4797P6Z8**

Main Bill No : UNL/Energy Bill (SG/ESO)/2024-04/01  
 Bill Date : 04.05.2024  
 Due Date : 30 Days from the billing date  
 Reference : (i) UPERC Tariff Order Dt.29.04.2016, 24.05.2023, 29.05.2023, 16.06.2023, 05.02.2024, 20.02.2024 & 16.04.2024  
 (ii) UPERC Gen Reg.'19 Dt. 11.09.2019  
 (iii) PPA for various Thermal Power Stations.

UPRVUNL  
 Bill of supply of Power of the month : April-2024  
 Name of Customer :- U.P. Power Corporation Ltd.  
 Shakti Bhawan, Extn.  
 14, Ashok Marg, Lucknow  
 09AAACU5088M4ZM

GST Reg. No:

UPRVUNL Bank Account Number : 353305010200149  
 Name of Branch : Union Bank of India  
 Bank Branch : Large Corporate, Gomti Nagar, Lucknow  
 IIFSC Code : UBIN0579211

Provisional Main Energy Bill of UPRVUNL to UPPCL for, Anpara-ATPS, Anpara-BTPS, Obra-BTPS, Parichha-BTPS, Obra-CTPS, Harduaganj-CTPS, Parichha-CTPS, Anpara-DTPS, Harduaganj-DTPS, Harduaganj-ETPS

Projects	Approved Plant Capacity as per UPERC T.O (MW)	No. of Months w.e.f April 2024	Cum-plant Availability		Capacity charges(Fixed Charges)			Energy Charge(E.C)			Total Amount
			Target by UPERC	Actual Till Current Month w.e.f April 2024	Total Capacity Charges Approved by UPERC (Rs.Crs)	Percentage to be Recovered	Amount of Annual capacity charges corresponding to column 6 (Rs.Crs)	Amount of Capacity Charges payable for month (Rs.Crs)	Scheduled Generation by SLDC / Energy sent out by Plants (MU)	Energy Charge Rate (ECR) (Rs./Kwh)	
	1	2	3	4#	5	6##	7=(5X6)/100	8###	10	11= (9x10)/10	12=(8+11)
Anpara-ATPS	630	1	85	85.54	282.79	100	282.7900000	23.5658333	1.82	62.0147960	85.5806283
Anpara-BTPS	1000	1	85	81.06	324.35	95.36	309.3001600	25.7750133	1.69	89.3615719	115.1366852
Anpara-DTPS	1000	1	85	91.39	1088.75	100	1088.7500000	90.7291667	1.44	85.0815792	175.8107458
Harduaganj-CTPS	110	1	65	92.82	101.24	100	101.2400000	8.4366667	3.83	11.3679954	19.8046621
Harduaganj-DTPS	500	1	85	93.63	483.57	100	483.5700000	40.2975000	3.45	62.6418337	102.9393337
Harduaganj-ETPS	660	1	85	86.25	895	100	895.0000000	74.5833333	3.42	93.8411355	166.4244688
Jawaharpur-JTPS	660	1	85	10.26	809.17	12.07	97.6668190	8.1389016	3.18	14.2877718	22.4266734
Obra-BTPS	1000	1	80	65.61	598.22	82.01	490.6002220	40.8833518	2.53	98.6204784	139.5038302
Obra-CTPS	660	1	85	45.49	684.69	53.52	366.4460880	30.5371740	1.90	37.870233	66.3241973
Panchha-BTPS	420	1	85	90.98	316.57	100	316.5700000	26.3808333	3.51	60.1124232	86.4932565
Parichha-CTPS	500	1	85	98.51	452.96	100	452.9600000	37.7466667	3.51	77.4028973	115.1495640
	7140				6037.31		4884.8932890	407.0744407		692.5195057	1099.5939464

**Total Amount Payble**

**Rs Crs. 1099.5939464**

(RUPEES ONE THOUSAND NINETY NINE CRORE FIFTY NINE LAKH THIRTY NINE THOUSAND FOUR HUNDRED SIXTY FOUR ONLY)

# from cumulative availability sheet  
 ## Column No 6= 100% if Col.4>=Col.3, else Col.6=(Col.4/Col.3)\*100  
 ### Column No 8=(Col.2\*Col.7 of this month-Col.2\*Col.7 of previous month)/12  
 Effective annual capacity charges on 2% ROE of 2x500 MW Anpara 'D' TPS as per calculation sheet of verified bill of March'18 by UPPCL letter no. 1512/EIE&PC/UPRVUNL/JU-4, DT.03.05.2018 is Rs 1088.75 Crs.  
 Effective Annual Capacity charge on 2% RoE as per Principle Secretary (Energy)'s Letter no. 1714/24-1-2017-1714 (B)/2017, dt. 31.07.2017 & as per UPRVUNL BOD decision dt. 09.04.2018 in their 175th meeting (Agenda item 175.2).

Prepared By	Checked By	Checked By	Checked By	Verified By
A.E. (Comm.)	Accountant	Accounts Officer	E.E. (Comm.)	
MANOJ KUMAR - (101385)	GOGA PANDEY - (102160)	RAJENDRA SINGH - (101344)	RITU SINGH - (100729)	

Sl. No.	Particulars	Rate	Quantity	Amount	Remarks
1	...	...	...	...	...
2	...	...	...	...	...
3	...	...	...	...	...
4	...	...	...	...	...
5	...	...	...	...	...
6	...	...	...	...	...
7	...	...	...	...	...
8	...	...	...	...	...
9	...	...	...	...	...
10	...	...	...	...	...
11	...	...	...	...	...
12	...	...	...	...	...
13	...	...	...	...	...
14	...	...	...	...	...
15	...	...	...	...	...
16	...	...	...	...	...
17	...	...	...	...	...
18	...	...	...	...	...
19	...	...	...	...	...
20	...	...	...	...	...
21	...	...	...	...	...
22	...	...	...	...	...
23	...	...	...	...	...
24	...	...	...	...	...
25	...	...	...	...	...
26	...	...	...	...	...
27	...	...	...	...	...
28	...	...	...	...	...
29	...	...	...	...	...
30	...	...	...	...	...
31	...	...	...	...	...
32	...	...	...	...	...
33	...	...	...	...	...
34	...	...	...	...	...
35	...	...	...	...	...
36	...	...	...	...	...
37	...	...	...	...	...
38	...	...	...	...	...
39	...	...	...	...	...
40	...	...	...	...	...
41	...	...	...	...	...
42	...	...	...	...	...
43	...	...	...	...	...
44	...	...	...	...	...
45	...	...	...	...	...
46	...	...	...	...	...
47	...	...	...	...	...
48	...	...	...	...	...
49	...	...	...	...	...
50	...	...	...	...	...
51	...	...	...	...	...
52	...	...	...	...	...
53	...	...	...	...	...
54	...	...	...	...	...
55	...	...	...	...	...
56	...	...	...	...	...
57	...	...	...	...	...
58	...	...	...	...	...
59	...	...	...	...	...
60	...	...	...	...	...
61	...	...	...	...	...
62	...	...	...	...	...
63	...	...	...	...	...
64	...	...	...	...	...
65	...	...	...	...	...
66	...	...	...	...	...
67	...	...	...	...	...
68	...	...	...	...	...
69	...	...	...	...	...
70	...	...	...	...	...
71	...	...	...	...	...
72	...	...	...	...	...
73	...	...	...	...	...
74	...	...	...	...	...
75	...	...	...	...	...
76	...	...	...	...	...
77	...	...	...	...	...
78	...	...	...	...	...
79	...	...	...	...	...
80	...	...	...	...	...
81	...	...	...	...	...
82	...	...	...	...	...
83	...	...	...	...	...
84	...	...	...	...	...
85	...	...	...	...	...
86	...	...	...	...	...
87	...	...	...	...	...
88	...	...	...	...	...
89	...	...	...	...	...
90	...	...	...	...	...
91	...	...	...	...	...
92	...	...	...	...	...
93	...	...	...	...	...
94	...	...	...	...	...
95	...	...	...	...	...
96	...	...	...	...	...
97	...	...	...	...	...
98	...	...	...	...	...
99	...	...	...	...	...
100	...	...	...	...	...



# Cumulative Availability for FY2024-2025

Month	Days	Cum. Days N	630		E.500		1000		AUX2		E.550		MW		1000		AUX2		E.230		MW		1000		AUX2		E.160	
			Declared Cap.(MW)	Cum.Decl.Cap(MW)	Cum.Ave (%)	Declared Cap.(MW)	Cum.Decl.Cap(MW)	Cum.Ave (%)	Declared Cap.(MW)	Cum.Decl.Cap(MW)	Cum.Ave (%)	Declared Cap.(MW)	Cum.Decl.Cap(MW)	Cum.Ave (%)	Declared Cap.(MW)	Cum.Decl.Cap(MW)	Cum.Ave (%)	Declared Cap.(MW)	Cum.Decl.Cap(MW)	Cum.Ave (%)	Declared Cap.(MW)	Cum.Decl.Cap(MW)	Cum.Ave (%)	Declared Cap.(MW)	Cum.Decl.Cap(MW)	Cum.Ave (%)	Declared Cap.(MW)	Cum.Decl.Cap(MW)
APR-2024	30	30	14192	14192	85.54	545,624,5000	22725	22725	81.86	618,870,2500	26703	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAY-2024	31	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JUN-2024	30	91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JUL-2024	31	122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AUG-2024	31	153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEP-2024	30	183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OCT-2024	31	214	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOV-2024	30	244	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEC-2024	31	275	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JAN-2025	31	306	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEB-2025	28	334	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAR-2025	31	365	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total			355,000,0000			545,224,5000					618,870,2500			438,359,0000														

  

Month	Days	Cum. Days N	110		E.600		500		AUX2		E.600		MW		950		AUX2		E.250	
			Declared Cap.(MW)	Cum.Decl.Cap(MW)	Cum.Ave (%)	Declared Cap.(MW)	Cum.Decl.Cap(MW)	Cum.Ave (%)	Declared Cap.(MW)	Cum.Decl.Cap(MW)	Cum.Ave (%)	Declared Cap.(MW)	Cum.Decl.Cap(MW)	Cum.Ave (%)	Declared Cap.(MW)	Cum.Decl.Cap(MW)	Cum.Ave (%)			
APR-2024	30	30	2772	2772	82.82	308,149,9375	12781	12781	12781	93.83	303,152,1150	16381	0	0	0	0	0	0	0	0
MAY-2024	31	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JUN-2024	30	91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JUL-2024	31	122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AUG-2024	31	153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEP-2024	30	183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OCT-2024	31	214	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOV-2024	30	244	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEC-2024	31	275	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JAN-2025	31	306	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEB-2025	28	334	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAR-2025	31	365	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total						308,149,9375					303,152,1150		16381							86,24

Month	Days	Cumulative Days	MW		420		9,000		MW		500		9,000	
			Declared Cap. (MW)	Declared Cap. (MW)	(P. s 210 MW) Parichha-BTPS	(P. s 210 MW) Parichha-BTPS	Declared Cap. (MW)	Declared Cap. (MW)	(P. s 250 MW) Parichha-CTPS	(P. s 250 MW) Parichha-CTPS	Declared Cap. (MW)	Declared Cap. (MW)	Cum. Decl. Cap. (MW)	Cum. Decl. Cap. (MW)
APR-2024	30	30	250,350,1250	10432	10432	98.98	322,7241000	13447	13447	96.51				
MAY-2024	31	61	0	0	0	0	0	0	0	0				
JUN-2024	30	91	0	0	0	0	0	0	0	0				
JUL-2024	31	122	0	0	0	0	0	0	0	0				
AUG-2024	31	153	0	0	0	0	0	0	0	0				
SEP-2024	30	183	0	0	0	0	0	0	0	0				
OCT-2024	31	214	0	0	0	0	0	0	0	0				
NOV-2024	30	244	0	0	0	0	0	0	0	0				
DEC-2024	31	275	0	0	0	0	0	0	0	0				
JAN-2025	31	306	0	0	0	0	0	0	0	0				
FEB-2025	28	334	0	0	0	0	0	0	0	0				
MAR-2025	31	365	0	0	0	0	0	0	0	0				
Total			250,350,1250				322,7241000							

Cumulative Availability (N=19000-42DC / (N+GC+(100-AUX0))%  
 N = 191  
 DC up to Month (in MW): 3532.8438375  
 DC up to Month (in MW): 3532.8438375  
 Availability have been calculated as per new Auxiliary Consumption norms w.e.f. 01.04.2018 for MW 2015-24 specified by UPERC (Terms & conditions of Generation Tariff Regulation-2015, dt. 11.09.2018.  
 SG up to Month (in MW): 2571.387875

Checked By	Verified By
A.E. (Comm.)	E.E. (Comm.)
MANOJ KUMAR	RITU SINGH
181385	180729

Note: This is System Generated sheet. So, No physical signature is required.

Date: 04 May 2024

Cumulative Availability for FY 2024-25 of UPRVUNI Thermal Power Stations

Month	Days	Days in Month	100% MW (100% Capacity)		95% MW (95% Capacity)		90% MW (90% Capacity)		85% MW (85% Capacity)		80% MW (80% Capacity)		75% MW (75% Capacity)		70% MW (70% Capacity)		65% MW (65% Capacity)		60% MW (60% Capacity)		55% MW (55% Capacity)			
			Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)
Apr-23	30	30	355.000000	14.792	85.54	545.424500	22.726	27.756	81.06	616.875250	25.703	3.5703	91.39	426.595000	1.7775	1.7775	65.61	207.662250	8.644	8.644	45.960050	19.15	19.15	10.26
May-23	31	31																						
Jun-23	30	30																						
Jul-23	31	31																						
Aug-23	31	31																						
Sep-23	30	30																						
Oct-23	31	31																						
Nov-23	30	30																						
Dec-23	31	31																						
Jan-24	31	31																						
Feb-24	29	29																						
Mar-24	31	31																						
<b>Total</b>			355.000000		545.424500		616.875250		616.875250		426.595000		242.570000		207.662250		65.61	207.662250	8.644	8.644	45.960050		19.15	10.26

Month	Days	Days in Month	100% MW (100% Capacity)		95% MW (95% Capacity)		90% MW (90% Capacity)		85% MW (85% Capacity)		80% MW (80% Capacity)		75% MW (75% Capacity)		70% MW (70% Capacity)		65% MW (65% Capacity)		60% MW (60% Capacity)		55% MW (55% Capacity)			
			Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)	Declared Cap (MW)	Com Av (%)
Apr-23	30	30	506.740075	12.781	12.781	593.152315	16.931	16.931	680.25	25.359125	10.432	10.432	90.98	322.734100	13.447	13.447	98.51	66.531950	2.772	2.772	92.82			
May-23	31	31																						
Jun-23	30	30																						
Jul-23	31	31																						
Aug-23	31	31																						
Sep-23	30	30																						
Oct-23	31	31																						
Nov-23	30	30																						
Dec-23	31	31																						
Jan-24	31	31																						
Feb-24	29	29																						
Mar-24	31	31																						
<b>Total</b>			506.740075		12.781	593.152315		16.931	680.25		25.359125		10.432	322.734100		13.447	98.51	66.531950	2.772	2.772	92.82			

Cumulative Availability (%) =  $10000 \times \frac{DC}{N} \times \frac{100 - AUX}{100}$  %  
 Availability of (hardman) (100%) has been taken on Capacity 110 MW as per UPERC Order dt. 30/01/2023.  
 DC = Average declared capacity for the 1<sup>st</sup> day of the period in MW.  
 N = Number of days during the period, and  
 AUX = Normative Auxiliary Energy Consumption as a percentage of gross generation.

DC up to Month: 352.838279 MW  
 DC up to Month: 352.838279 MW  
 Availability have been calculated as per new Auxiliary Consumption Norms w.e.f. 01.04.2019 for MVT 2019-24 as per UPERC (Terms & Conditions) for Generation Tariff Regulations-2019, dt. 11.09.2019.

AE (Comm.)  
 04.05.24  
 EE (Comm.)

Office of Chief Engineer  
Commercial Unit



U.P. Rajya Vidyut Utpadan Nigam Ltd.  
14<sup>th</sup> Floor, Shakti bhawan Extn.  
Lucknow -226001  
Tel No.- 0522-2288056  
CIN : U 31901UP1985SGC007135  
gm.commercial@uprvunl.org

cecommercialunl@gmail.com

No. /UNL/CE(Comm.)/FCA/FY (2024-25)

Date: 01, June- 2024

Superintending Engineer  
Electricity Import-Export & Payment Circle  
U.P. Power Corporation Ltd  
11<sup>th</sup> floor, Shakti Bhawan Extn.  
Lucknow-226001.

**Subject: Provisional Bill of FCA of various TPS of UPRVUNL for April -2024.**

The Provisional Bill of Fuel Cost Adjustment (FCA) for variation in fuel data certified by Cost Accountant of various Thermal Power Stations of U.P. Rajya Vidyut Utpadan Nigam Ltd against electricity supplied to U.P. Power Corporation Ltd. during the month **April-2024**, is being enclosed herewith for payment:-

(1) FCA Bill No.:- UNL/FCA/2024-04/02B, dt. 01.06.2024 **158.8210615 Crs**  
**(Rs One hundred and fifty eight crore, eighty two lacs, ten thousand, six hundred and fifteen only)**

It is, therefore, requested that the payment of this Bill in accordance with UPERC (Terms & Conditions of Generation Tariff) Regulation-2019, dt. 11.09.2019 and Power Purchase Agreements signed between UPRVUNL and UPPCL may kindly be ensured.

Last Fuel Data received on dt. 31.05.2024 of Harduaganj Thermal Power Project.

Encl.: As above

(Hari Shyam)  
S.E. (Commercial)

No. 302 /UNL/CE(Comm.)/FCA/FY (2024-25)

Date: 01, June- 2024

Copy forwarded to the followings for their kind information :-

1. PS to Managing Director, UPRVUNL, 7<sup>th</sup> floor, Shakti Bhawan, Lucknow.
2. Director (Project & Comm.), UPRVUNL, 8<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
3. Director (Technical), UPRVUNL, 8<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
4. Director (Finance), UPRVUNL, 8<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.

Copy forwarded to the followings for their kind information & necessary action :-

1. Chief Engineer (Commercial/Fuel/TO), UPRVUNL, 14<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
2. Chief General Manager, UPRVUNL, Anpara, Obra, Parichha, Harduaganj TPS.
3. Dy General Manager (Finance), UPRVUNL, 7<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
4. Dy General Manager (Accounts), UPRVUNL, 7<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
5. Chief Manager (F&A) CMU, UPRVUNL, 7<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
6. Summary file/Bill Office copy.

(Hari Shyam)  
01.06.2024  
S.E. (Commercial)

U.P. Rajya Vidyut Utpadan Nigam Ltd.  
14th Floor, Shakti Bhawan Extn.,  
Lucknow - 226001

GST Reg. No. 09AAAACU4797F6Z8

Bill No-  
Bill Date-  
Due Date  
Reference-

April, 2024  
U.P. Power Corporation Ltd.  
Shakti Bhawan, Extn.  
14, Ashok Marg, Lucknow  
09AAAACU5088M4ZM

UPRVUNL Bank Account Number : 353305010200149  
Name of Bank : Union Bank of India  
Bank Branch : Large Corporate Branch, Gomti Nagar, Lucknow  
IFSC Code : UBIN0579211

UPL/FCA/2024-04/02B  
30 Days from the Billing date  
(i) UPERC Tariff Order Dt. 29.04.2016, 24.05.2023, 29.05.2023, 16.06.2023  
16.04.2024.  
(ii) UPERC Gen Regn., 2019 Dt. 11.09.2019  
(iii) Fuel data from Plants (certified by Cost Accountant)  
(iv) PPA for various Thermal Power Stations.

S.No.	Parameters	Symbol	Unit	Anpara A	Anpara B	Anpara D	Obra B	Pari Extn. Stage-2	Harduaganj U#7	Harduaganj Extn. U#8&9	Harduaganj Extn.-II U#660 MW	Total
A	Unit No.	ESD	MU	U#1,2&3 340.7406375	U#4&5 528.7666975	U#6&7 590.8443900	U#9 to 13 389.8042625	U#5&6 220.5210750	U#7 29.6814500	U#8&9 181.5705325	U#660 MW 274.3892850	2727.5787050
B	Energy Exported & Billed (ESO)											
C	Normative Operating Parameters											
D	Gross Station Heat Rate (GSHR)	H	Kcal/Kwh	2430	2390	2374	2755	2430	2625	2430	2081	
E	Sp. Oil Cons.	Qsjm	ml/Kwh	0.50	0.50	0.50	2.10	0.50	2.50	0.50	0.50	
F	Auxiliary Energy Consumption	AUXn	%	8.50	6.55	6.25	9.70	9.00	9.50	9.00	6.25	
G	Fuel Data for the month	Pp	Rv. Kg	2.62512	2.70332	2.63732	2.84908	4.23518	6.32067	5.80019	6.10481	
H	Price of Primary fuel (Coal)	Ps	Rv. ml	0.07939051	0.07939051	0.07939051	0.07816100	0.06973097	0.07049822	0.07049822	0.07144159	
I	Gross Calorific Value of Primary fuel (Coal)	Cp	Kcal/Kg	3078.00	3478.00	3430.00	3182.00	3190.00	2956.00	3271.00	3183.00	
J	Gross Calorific Value of Secondary fuel (oil)	Cs	Kcal/Lit	9168.15	9168.15	9168.15	9122.00	9105.00	10570.00	10570.00	10570.00	
K	Formula of ECR			ECR = 100[ Pp*(H-Qsjm)*Cs/(1000)(Cp+Ps*(Qsjm)/(100-AUXn)) ]								
L	Energy Charge Rate for the month (ECR)	ECR	Rs./Kwh	2.3683	2.0762	2.0350	2.9690	3.6738	6.5162	4.8896	4.4011	
M	Already claimed energy charge rate (ECR1)	ECR1	Rs./Kwh	1.8200	1.6900	1.4400	2.5300	3.5100	3.8300	3.4500	3.4200	
N	Diff in ECR (J-K)	ECR2	Rs./Kwh	0.5483	0.3862	0.5950	0.4390	0.1638	2.6862	1.4396	0.9811	
O	Amt. of Energy Charge due to variation in fuel data (A x L)/10		Rs Crs	18.6828092	20.4209699	35.1552359	17.1124071	2.8052464	7.9730311	26.1388939	26.9203328	158.8210615

Total Amount Payable (Cr)

158.8210615

(Rs One hundred and fifty eight crore, eighty two lacs, ten thousand, six hundred and fifteen only)

Prepared as per ESO/SG & Bills /Fuel data received from TPS

Checked as per ESO/SG & Bills /Fuel data received from TPS

Verified as per ESO/SG & Bills /Fuel data received from TPS

*Manoj Kumar*  
(Manoj Kumar)  
AE (Comm.)

*Gagan Pandey*  
(Gagan Pandey)  
Accountant

*Rajendra Singh*  
(Rajendra Singh)  
Accounts officer

*Manoj Kumar*  
(Manoj Kumar)  
AE (Comm.)

*Ritu Singh*  
(Ritu Singh)  
EE (Comm.)



Office of Chief Engineer  
Commercial Unit



U.P. Rajya Vidyut Utpadan Nigam Ltd.  
14<sup>th</sup> Floor, Shakti bhawan Extn.  
Lucknow -226001  
Tel No.- 0522-2288056  
CIN : U 31901UP1985SGC007135  
gm.commercial@uprvunl.org

cecommercialunl@gmail.com

No. /UNL/CE(Comml.)/FCA/FY (2024-25)

Date: 01, June- 2024

Superintending Engineer  
Electricity Import-Export & Payment Circle  
U.P. Power Corporation Ltd  
11<sup>th</sup> floor, Shakti Bhawan Extn.  
Lucknow-226001.

**Subject: Provisional Bill of FCA of Unit-1 of Obra 'C' & 1x660 MW Jawaharpur TPS of UPRVUNL for April -2024.**

The Provisional Bill of Fuel Cost Adjustment (FCA) for variation in fuel data certified by Cost Accountant of Unit-1 of Obra 'C' & 1x660 MW Jawaharpur Thermal Power Stations of U.P. Rajya Vidyut Utpadan Nigam Ltd against electricity supplied to U.P. Power Corporation Ltd. during the month **April-2024**, is being enclosed herewith for payment:-

FCA Bill No.:- UNL/FCA/2024-04/02A, dt. 01.06.2024

**16.1702875 Crs**

**(Rs Sixteen crore, seventeen lacs, two thousand, eight hundred and seventy five only)**

It is, therefore, requested that the payment of this Bill in accordance with UPERC (Terms & Conditions of Generation Tariff) Regulation-2019, dt. 11.09.2019 and Power Purchase Agreements signed between UPRVUNL and UPPCL may kindly be ensured.

Encl.: As above

(Hari Shyam)

S.E. (Commercial)

Date: 01, June- 2024

No. 301 /UNL/CE(Comm.)/FCA/FY (2024-25)

Copy forwarded to the followings for their kind information :-

1. PS to Managing Director, UPRVUNL, 7<sup>th</sup> floor, Shakti Bhawan, Lucknow.
2. Director (Project & Comml.), UPRVUNL, 8<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
3. Director (Technical), UPRVUNL, 8<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
4. Director (Finance), UPRVUNL, 8<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.

Copy forwarded to the followings for their kind information & necessary action :-

1. Chief Engineer (Commercial/Fuel/TO), UPRVUNL, 14<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
2. Chief General Manager, UPRVUNL, Obra, Jawaharpur TPS, Sonebhadra, Etah.
3. Dy General Manager (Finance), UPRVUNL, 7<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
4. Dy General Manager (Accounts), UPRVUNL, 7<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
5. Chief Manager (F&A) CMU, UPRVUNL, 7<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
6. Summary file/Bill Office copy.

*(Signature)*  
01.06.2024  
(Hari Shyam)  
S.E. (Commercial)

U.P. Rajya Vidyut Utpadan Nigam Ltd.  
14th Floor, Shakti Bhawan Extn.,  
Lucknow - 226001

Bill of supply of Power for Month: April, 2024  
Name of Customer :- U.P. Power Corporation Ltd.  
Shakti Bhawan, Extn.  
14, Ashok Marg, Lucknow  
09AAAACU5088M4ZM

GST Reg. No. 09AAAACU4797P6Z8  
Lucknow - 226001

UNL/FCA/2024-04/02A  
Bill No- 010614  
30 Days from the billing date  
Due Date- (i) UPERC Tariff Order Dt. 31.01.2024, 05.02.2024 & 06.05.2024  
Reference- (ii) UPERC Gen Regn., 2019 Dt. 11.09.2019  
(iii) Fuel data from Plants (certified by Cost Accountant)  
(iv) PPA for Obra C & Jawaharpur Thermal Power Stations.

UPRVUNI Bank Account Number : 353305010200149  
Name of Bank : Union Bank of India  
Bank Branch : Large Corporate Branch, Gomti Nagar, Lucknow  
IFSC Code : UBIN0579211

Provisional Fuel Cost Adjustment Bill due to variation in Cost & GCV of fuel of Obra C & Jawaharpur TPS of UPRVUNI, raised to UPPCL as per UPERC Gen. Tariff Regn., 2019 Dt. 11.09.2019

S.No.	Parameters	Symbol	Unit	Obra C	Jawaharpur	Total
A	Unit No.	ESD	MU	1x660MW	1x660 MW	243.8091700
B	Energy Exported & Billed (ESD)			198.879070	44.9301000	243.8091700
<b>Normative Operating Parameters</b>						
B	Gross Station Heat Rate (GSHR)	H	Kcal/Kwh	2182	2049	
C	Sp. Oil Cons	(Qs)in	ml/Kwh	0.50	0.50	
D	Auxiliary Energy Consumption	AUXn	%	6.25	5.75	
<b>Fuel Data for the month</b>						
E	Price of Primary fuel (Coal)	Pp	Rs./Kg	3.22202	5.93946	
F	Price of Secondary fuel (Oil)	Ps	Rs./ml	0.07816100	0.07861072	
G	Gross Calorific Value of Primary fuel (Coal)	Cp	Kcal/Kg	3072.00	3410.02	
H	Gross Calorific Value of Primary fuel (Coal) less 85 Kcal/kg on account of variation during storage (Cp1 = Cp-85)	Cp1	Kcal/Kg	2987.00	3325.02	
I	Gross Calorific Value of Secondary fuel (oil)	Cs	Kcal/Lit	9122.00	10570.00	
<b>Formula of ECR</b>						
J	Energy Charge Rate for the month (ECR)	ECR	Rs./Kwh	2.5470	3.9151	
K	Already claimed energy charge rate (ECR1)	ECR1	Rs./Kwh	1.9000	3.1800	
L	Diff in ECR (J-K)	ECR2	Rs./Kwh	0.6470	0.7351	
M	Amt. of Energy Charge due to variation in fuel data (AM1)/10		Rs./C15	12.8674758	3.3028117	16.1702875

Total Amount Payable (Cr)

16.1702875

(Rs Sixteen crore, seventeen lacs, two thousand, eight hundred and seventy five only)

Prepared as per ESO/SG & Bills /Fuel data received from TPS

Checked as per ESO/SG & Bills /Fuel data received from TPS

Verified as per ESO/SG & Bills /Fuel data received from TPS

*Saurabh Grover*  
(Saurabh Grover)  
EA (Commnl.)

*Manoj Kumar*  
(Manoj Kumar)  
AE (Commnl.)

*Goga Pandey*  
(Goga Pandey)  
Accountant

*Rajendra Singh*  
(Rajendra Singh)  
Accounts officer

*Manoj Kumar*  
(Manoj Kumar)  
AE (Commnl.)

*Ritu Singh*  
(Ritu Singh)  
EE (Commnl.)

Office of Chief Engineer  
Commercial Unit



U.P. Rajya Vidyut Utpadan Nigam Ltd.  
14th Floor, Shakti Bhawan Extn.  
Lucknow - 226001  
Tel No. - 0522-2288086  
Fax No. - 0522-2288086  
CIN : U31901UP1911ASNG007138  
www.upn.co.uk