

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 40101UP1980SGC005065  
gm.commercial@uprvunl.org

cecommercialunl@gmail.com

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

Date: 03, July- 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 June-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 **June- 2024** as detailed below, is being enclosed for payment:-

Main Bill No.:- UNL/Energy Bill(SG/ESO)/2024-06/01, dt. 03.07.2024

**1187.8967392 Crs**

**(Rs One thousand one hundred and eighty seven crore, eighty nine lacs, sixty seven thousand, three hundred and ninety two 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, 16.04.2024 & 06.05.2024 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.

Energy Accounts received from UPSLDC and checked by ABT on dt. 02.07.2024.

Encl.: As above.

(Hari Shyam)

S.E. (Commercial)

Date: 03, July- 2024

No. 369 /UNL/CE(Comml.)/Energy Bill/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. CE (Commercial/TO), UPRVUNL, 14<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
2. Chief General Manager, UPRVUNL, Anpara, Obra, Parichha, Harduaganj, Jawaharpur TPS by email.
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)

S.E. (Commercial)

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

June-24  
U.P. Power Corporation Ltd.  
Shakti Bhawan, Extn.  
14, Ashok Marg, Lucknow  
09AAACU5088M4ZM

Bill of supply of Power of the month :  
Name of Customer :-

UNL/Energy Bill (SG/ESO)/2024-06/01  
Bill No. : 02-07-24  
30 Days from the billing date

(i) 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, 16.04.2024 & 06.05.2024  
(ii) UPERC Gen Reg. '19 Dt. 11.09.2019  
(iii) PPA for various Thermal Power Stations.

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

Provisional Main Energy Bill of UPRVNL to UPPCL for Anpara A, Anpara B, Anpara D, Obra B, Obra C, Parichha B, Parichha C, Harduaganj C, Harduaganj D, Harduaganj E & Jawaharpur TPS.

Name of Thermal Power Station	Approved Plant capacity as per UPERC T.O. (MW)	No. of Months w.e.f. April 2024	Cum. Plant Availability Target by UPERC (%)	Actual till current month w.e.f. April 2024 (%)	Total capacity charges approved by UPERC (Rs. Crs)	Percentage to be recovered (%)	Capacity charges (Fixed Charges) Amount of annual capacity charges corresponding to Column 6 (ACCC) (Rs. Crs)	7=Col 5/Col 6	Amount of capacity charges payable for the month (Rs. Crs) 8##	Scheduled Generation by SLDC/ Energy Sent Out by Plants (MU)	Energy Charge (E.C) Rate of Energy Charges (REC) (Rs./kwh)	Total Energy Charges (Rs. Crs) 11=(Col 9x10)/10	Total Amount Capacity Charges+ Energy Charges (Rs. Crs) 12=(Col 8+11)
Anpara 'A'	630	3	85	83.07	282.79	97.73	276.3706670		22.2862086	325.211665	1.82	59.1885230	81.4747316
Anpara 'B'	1000	3	85	82.85	324.35	97.47	316.1439130		26.6426496	554.0258200	1.69	93.6303636	120.2730132
Anpara 'D'	1000	3	85	94.55	1088.75	100.00	1088.7500000		90.7291667	658.438960	1.44	94.8152102	185.5443769
Obra 'B'	1000	3	80	67.13	598.22	83.91	501.9664020		43.5354605	436.0792975	2.53	110.3280623	153.8635228
Obra 'C'	660	3	85	43.64	687.15	51.34	352.7828100		18.2552850	119.3161175	1.90	22.6700623	40.9253473
Parichha B	420	3	85	89.86	316.57	100.00	316.5700000		26.3808333	185.7022425	3.51	65.1814871	91.5623204
Parichha C	500	3	85	94.15	452.96	100.00	452.9600000		37.7466667	236.700510	3.51	83.0818790	120.8285457
Harduaganj C	110	3	65	76.90	101.24	100.00	101.2400000		8.4366667	37.1037000	3.83	14.2107171	22.6473838
Harduaganj D	500	3	85	93.34	483.57	100.00	483.5700000		40.2975000	215.3771625	3.45	74.3051211	114.6026211
Harduaganj E	660	3	85	85.74	895.00	100.00	895.0000000		78.5511667	313.569195	3.42	107.2406647	185.7918314
Jawaharpur	660	3	85	25.31	809.17	29.78	240.9708260		25.1247285	142.3217500	3.18	45.2583165	70.3830450
<b>Total Amount Payable</b>	<b>7140</b>				<b>6039.77</b>		<b>5026.3246500</b>		<b>417.9863323</b>	<b>3223.8464200</b>		<b>769.9104069</b>	<b>1187.8967392</b>

Total Amount Payable

Rs Crs. 1187.8967392

(Rs. One thousand one hundred and eighty seven crore, eighty nine lacs, sixty seven thousand, three hundred and ninety two only)

# From Cumulative Availability Sheet

## Column No 6 If Col No 4 is less than Col No 3, then (Col No 4/Col No 3)x100% else 100%

### Column No.8 Computed as per UPERC Generation Regulation 2019, dt. 11.09.2019 para 25 for a month: (msACCC(n)-(n)xAACC(n))/12

Effective Annual Capacity charges on 2% RoE as per Principal Secretary (Energy)'s Letter no 1714(24-1)-2017-1714 (B)/2017 dt. 31.07.2017 & as per UPRVNL BOD decision dt. 09.04.2018 in their 175th meeting (Agenda item 175.2)

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/HE&PC/UPRVNLU-4, dt. 03.05.2018 is Rs 1088.75 Crs.

Prepared as per DC/SG received from ABT/SLDC & Bill from TPS

Checked as per DC/SG received from ABT/SLDC & Bill from TPS

Verified as per DC/SG received from ABT/SLDC & Bill from TPS

Saurabh  
(Saurabh Grover)  
EA (Comm.)

Manoj Kumar  
(Manoj Kumar)  
AE (Comm.)

Ganga Pandey  
(Ganga 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

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 40101UP1980SGC005065  
gm.commercial@uprvunl.org

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

Date: 02, August- 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 June -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 **June-2024**, is being enclosed herewith for payment:-

(1) FCA Bill No.:- UNL/FCA/2024-06/02, dt. 02.08.2024 **179,9174648 Crs**

**(Rs One hundred and seventy nine crore, ninety one lacs, seventy four thousand, six hundred and forty eight 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. 31.07.2024 of Harduaganj Thermal Power Project.

Encl.: As above

(Hari Shyam)  
S.E. (Commercial)

No. 426 /UNL/CE(Comm.)/FCA/FY (2024-25)

Date: 02, August- 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), UPRVUNL, 14<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
2. Chief General Manager, UPRVUNL, Anpara, Obra, Parichha, Harduaganj, Jawaharpur TPS by email.
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)  
S.E. (Commercial)



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

Bill of supply of Power for Month: June, 2024  
Name of Customer :- U.P. Power Corporation Ltd.  
Shakti Bhawan, Extn.  
14, Ashok Marg, Lucknow  
09AAACU5088M4ZM1

GST Reg. No. of Customer: 09AAACU5088M4ZM1  
Bill No.: UPL/PCA/2024-06/02  
Date: 02.08.24  
30 Days from the billing date  
Reference: (i) UPERC Tariff Order Dt. 29.04.2016, 24.05.2023, 29.05.2023, 16.06.2023.  
(ii) UPERC Tariff Order Dt. 29.04.2016, 24.05.2023, 29.05.2023, 16.06.2023.  
(iii) UPERC Gen Regu., 2019 Dt. 11.09.2019  
(iv) Fuel data from Plants (certified by Cost Accountant)  
(v) PPA for various Thermal Power Stations.

UPRVUNL 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 various TPS of UPRVUNL raised to UPCL as per UPERC Gen. Tariff Regu., 2019 Dt. 11.09.2019

S.No.	Parameters	Symbol	Unit	Anpara A	Anpara B	Anpara D	Obra B*	Obra C	Pari Extn.	Pari Extn. Stage-2 U#5&6	Harduaganj U#7	Harduaganj Extn.-II U#8&9	Jawaharpur	Total
A	Unit No.	EN/	MU	325.2116650	554.0258200	658.438960	436.0653000	119.316118	185.7022425	236.7005100	37.1037000	215.3771625	142.3217500	3223.8324225
B	Normative Operating Parameters													
B	Gross Station Heat Rate (GSHR)	H	Kcal/Kwh	2430	2390	2374	2755	2182	2430	2430	2625	2430	2081	2049
C	Sp Oil Cons.	Qsm	ml/Kwh	0.50	0.50	0.50	2.10	0.50	0.50	0.50	2.50	0.50	0.50	0.50
D	Auxiliary Energy Consumption	ALXn	%	8.50	6.55	6.25	9.70	6.25	9.00	9.00	9.50	9.00	6.25	5.75
E	Fuel Data for the month													
E	Price of Primary fuel (Coal)	Pp	Rs. Kg	2.66990	2.83445	2.60259	2.68242	4.26188	4.31262	4.31262	5.92054	5.99707	6.20278	5.88972
F	Price of Secondary fuel (Oil)	Ps	Rs. ml	0.07681290	0.07681290	0.07681290	0.07816100	0.07816100	0.07932838	0.07932838	0.06628652	0.07225783	0.07225783	0.07225783
G	Gross Calorific Value of Primary fuel (Coal)	Cp	Kcal/Kg	3185.00	3534.00	3649.00	3200.00	3235.00	3255.00	3255.00	3027.00	3511.00	3244.00	3370.08
H	Gross Calorific Value of Secondary fuel (Oil)	Cp	Kcal/Kg	3100.00	3449.00	3564.00	3115.00	3150.00	3170.00	3170.00	2942.00	3426.00	3159.00	3285.08
I	Gross Calorific Value of Secondary fuel (Oil)	Cs	Kcal/Ltr	9216.77	9216.77	9216.77	9122.00	9125.00	9216.00	9216.00	10570.00	10570.00	10570.00	10570.00
J	Formula of ECR	ECR	Rs/Kwh	2.3249	2.1389	1.8866	2.7908	3.1841	3.6695	3.6695	5.9615	4.7006	4.3860	3.9287
K	Energy Charge Rate for the month (ECR)	ECR1	Rs/Kwh	1.8200	1.6900	1.4400	2.5300	1.9000	3.5100	3.5100	3.8300	3.4500	3.42	3.18
L	Already claimed energy charge rate (ECR)	ECR2	Rs/Kwh	0.5049	0.4489	0.4466	0.2608	1.2841	0.1595	0.1595	2.1315	1.2506	0.9660	0.7487
M	Amt. of Energy Charge due to variation in fuel data (AsL)/10	Rs Cts		16.4199370	24.8702191	29.4058840	11.3725830	15.3213826	2.9619508	3.7753731	7.9086537	26.9350679	30.2907842	10.6556294
<b>Total Amount Payable (Cr)</b>														<b>179.9174648</b>

\*Obra B Revised SG has been taken.

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

(Saurabh Grover)  
EA (Comml.)  
Manoj Kumar  
(Manoj Kumar)  
AE (Comml.)

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

(Vijay Prakash Singh)  
Accountant  
Manoj Kumar  
(Manoj Kumar)  
AE (Comml.)

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

(Ravi Singh)  
FC (Comml.)  
Manoj Kumar  
(Manoj Kumar)  
AE (Comml.)

(Rs One hundred and seventy nine crore, ninety one lacs, seventy four thousand, six hundred and forty eight only)