

Office of Chief Engineer
Commercial Unit

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U.P. Rajya Vidyut Utpadan Nigam Ltd.
14th Floor, Shakti bhawan Extn.
Lucknow -226001
Tel No.- 0522-2288056
CIN : U 40101UP1980SGC005065
gm.commercial@uprvunl.org

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

Date: , August- 2024

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

Subject: Provisional Main Energy Bill of various TPS of UPRVUNL for the month July-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 **July- 2024** as detailed below, is being enclosed for payment:-

Main Bill No.:- UNL/Energy Bill(SG/ESO)/2024-07/01, dt. 05.08.2024 **1207.1644869 Crs**
(Rs One thousand two hundred and seven crore, sixteen lacs, forty four thousand, eight hundred and sixty nine 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. 02.08.2024.

Encl.: As above.

(Hari Shyam)

S.E. (Commercial)

No. 429 UNL/CE(Comml.)/Energy Bill/FY (2024-25)

Date: 05 August- 2024

Copy forwarded to the followings for their kind information :-

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

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

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

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

Jul-24
U.P. Power Corporation Ltd.
Shakti Bhawan, Extn.
14, Ashok Marg, Lucknow
09AAACU5088W4ZM

UNL/Energy Bill (SG/ESO)/2024-07/01
Bill No. : **25/08/2024**
Bill Date :
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.

GST Reg. No.:

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 C, Parichha B, Parichha C, Hariduangani C, Hariduangani D, Hariduangani E & Jawaharpur TPS.

| Name of Thermal Power Station | Approved Plant capacity as per UPERC T.O. | Cum. Plant Availability | | Capacity charges (Fixed Charges) | | Amount of capacity charges payable for the month | Scheduled Generation by SLDC/ Energy Sent Out by Plants (MU) | Energy Charge (EC) | | Total Energy Charges | Total Amount Capacity Charge+ Energy Charges |
|-------------------------------|---|--------------------------------|---------------------|--|--------------------------------|--|--|--|--|-----------------------------|--|
| | | No. of Months w.e.f April 2024 | Target by UPERC (%) | Actual fill current month w.e.f April 2024 (%) | Percentage to be recovered (%) | | | Amount of annual capacity charges corresponding to Column 6 (ACC2) (Rs. Crs) | Rate of Energy Charges (REC) (Rs./kwh) | | |
| Anpara 'A' | 630 | 4 | 85 | 82.52 | 97.08 | 22,41,81,773 | 328.31,006.00 | 1.82 | 59,75,24,309 | 82,17,06,082 | |
| Anpara 'B' | 1000 | 4 | 85 | 81.74 | 96.16 | 24,92,90,004 | 527,24,27,150 | 1.69 | 89,10,40,188 | 114,03,30,192 | |
| Anpara 'D' | 1000 | 4 | 85 | 94.79 | 100.00 | 90,72,91,667 | 643,73,76.50 | 1.44 | 92,69,82,216 | 183,42,73,883 | |
| Obra 'B' | 1000 | 4 | 80 | 66.92 | 83.65 | 41,31,20,762 | 406,12,53,800 | 2.53 | 102,74,92,721 | 144,06,17,973 | |
| Obra 'C' | 660 | 4 | 85 | 46.55 | 54.76 | 37,23,20,775 | 247,44,21,100 | 1.90 | 47,01,40,009 | 84,24,60,784 | |
| Parichha B | 420 | 4 | 85 | 91.12 | 100.00 | 26,38,08,333 | 207,17,28,825 | 3.51 | 72,71,76,467 | 99,09,84,800 | |
| Parichha C | 500 | 4 | 85 | 94.12 | 100.00 | 37,74,66,667 | 245,97,01,30 | 3.51 | 86,33,55,156 | 124,08,21,823 | |
| Hariduangani C | 110 | 4 | 65 | 76.16 | 100.00 | 8,43,66,667 | 29,74,01,875 | 3.83 | 11,39,04,918 | 19,82,71,585 | |
| Hariduangani D | 500 | 4 | 85 | 88.51 | 100.00 | 40,29,78,000 | 161,94,58,350 | 3.45 | 55,87,13,131 | 96,16,88,131 | |
| Hariduangani E | 660 | 4 | 85 | 87.76 | 100.00 | 74,58,33,333 | 291,26,73,225 | 3.42 | 99,61,34,243 | 174,19,67,576 | |
| Jawaharpur | 660 | 4 | 85 | 29.44 | 34.64 | 33,18,94,562 | 165,60,06,1250 | 3.18 | 52,66,27,478 | 85,85,22,040 | |
| Total Amount Payable | | | | | | | | | | Rs Crs. 1207.1644869 | 1207.1644869 |

(Rs. One thousand two hundred and seven crore, sixteen lacs, forty four thousand, eight hundred and sixty nine only)

From Cumulative Availability Sheet

Column No. 6, 11 & 12 of No. 4 is less than Col No. 3, then (Col No. 4 Col No. 3) x 100% else 100%

Column No. 8 Compared as per UPERC Generation Regulation 2019, dt. 11.09.2019 para 25 - for a month-(max(ACCn-0)-(KACCn-1)/12

Effective Annual Capacity charges on 2% RoF 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% RoF of 2x500 MW Anpara D TPS as per calculation sheet of Verified Bill of March 18 by UPPCL letter no. 1512 EIE&PC/UPRVNL/14, 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

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

Saurabh Grover
(Saurabh Grover)
EA (Comml.)

Manoj Kumar
(Manoj Kumar)
AE (Comml.)

Vinay Prasad Singh
(Vinay Prasad Singh)
Accountant

Arun Kumar Sami
(Arun Kumar Sami)
Accounts officer

Manoj Kumar
(Manoj Kumar)
AE (Comml.)

Raj Singh
(Raj Singh)
EE (Comml.)

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

| Month | Date | Days | 630 MW | | AUX No. 6.5 | | MW | | AUX No. 6.25 | | MW | | AUX No. 9.7 | | MW | | AUX No. 6.25 | | MW | | AUX No. 5.75 | | | | | | | | | | | | | | | | |
|--------------|------|------|-------------|---------------|-------------|----------|----------|----------|--------------|----------|----------|----------|-------------|----------|----------|----------|--------------|----------|----------|----------|--------------|----------|--------|--------|-------|-------|-------|---------|---------|------|-------|-------|--|--|--|--|--|
| | | | Declared | Cap. (MW) | Declared | Cap. (%) | Declared | Cap. (%) | Declared | Cap. (%) | Declared | Cap. (%) | Declared | Cap. (%) | Declared | Cap. (%) | Declared | Cap. (%) | Declared | Cap. (%) | Declared | Cap. (%) | | | | | | | | | | | | | | | |
| Apr-24 | 30 | 30 | 355 | 100.00 | 14792 | 85.54 | 545 | 42.45 | 23726 | 23726 | 81.06 | 616 | 8755.50 | 25703 | 23703 | 91.39 | 426 | 5950.00 | 17775 | 17775 | 65.61 | 202 | 602.25 | 8444 | 8444 | 45.49 | 45 | 9600.50 | 1915 | 1915 | 10.26 | | | | | | |
| May-24 | 31 | 01 | 357 | 100.00 | 14891 | 296.83 | 84.41 | 581 | 65.75 | 24236 | 46962 | 82.38 | 645 | 838.25 | 26952 | 32655 | 92.07 | 442 | 711.50 | 18446 | 36221 | 65.76 | 267 | 55.08 | 11148 | 19592 | 51.91 | 155 | 5692.50 | 6482 | 8397 | 22.13 | | | | | |
| Jun-24 | 30 | 01 | 333 | 480.75 | 13895 | 43578 | 83.07 | 563 | 75.00 | 23490 | 70452 | 82.85 | 672 | 220.75 | 28090 | 80664 | 94.55 | 454 | 579.50 | 18941 | 55162 | 67.13 | 119 | 46.25 | 4978 | 34570 | 43.64 | 142 | 321.50 | 4930 | 14327 | 35.31 | | | | | |
| Jul-24 | 31 | 122 | 346 | 862.50 | 14455 | 58031 | 82.52 | 545 | 649.75 | 22735 | 93187 | 81.74 | 666 | 111.75 | 37755 | 108419 | 94.79 | 442 | 561.50 | 18565 | 73727 | 66.92 | 255 | 253.00 | 10733 | 35143 | 46.55 | 192 | 369.00 | 8015 | 22342 | 29.44 | | | | | |
| Aug-24 | 31 | 153 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sep-24 | 30 | 183 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oct-24 | 31 | 214 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nov-24 | 30 | 244 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dec-24 | 31 | 275 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jan-25 | 31 | 306 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feb-25 | 28 | 334 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar-25 | 31 | 365 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | | | 1392 | 717000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Month | Date | Days | 500 MW | | AUX No. 9.0 | | MW | | AUX No. 9.0 | | MW | | AUX No. 9.5 | | MW | | AUX No. 9.5 | | | | | | | | | | | | | | | | | | | | |
|--------------|------|------|-------------|---------------|-------------|----------|----------|----------|-------------|----------|----------|----------|-------------|----------|----------|----------|-------------|----------|--------|-------|-------|--------|------|--------|-------|------|-------|--|--|--|--|--|--|--|--|--|--|
| | | | Declared | Cap. (MW) | Declared | Cap. (%) | Declared | Cap. (%) | Declared | Cap. (%) | Declared | Cap. (%) | Declared | Cap. (%) | Declared | Cap. (%) | Declared | Cap. (%) | | | | | | | | | | | | | | | | | | | |
| Apr-24 | 30 | 30 | 306 | 740.97 | 12781 | 93.63 | 393 | 152.35 | 16381 | 16381 | 88.25 | 250 | 359.25 | 10432 | 90.98 | 322 | 734.00 | 13447 | 13447 | 98.51 | 66 | 531.95 | 2772 | 2772 | 92.82 | | | | | | | | | | | | |
| May-24 | 31 | 01 | 335 | 586.25 | 13983 | 26764 | 96.43 | 356 | 456.02 | 44848 | 31229 | 82.74 | 267 | 696.00 | 11154 | 21586 | 92.59 | 319 | 482.50 | 13298 | 26745 | 96.36 | 61 | 170.31 | 2549 | 5321 | 87.62 | | | | | | | | | | |
| Jun-24 | 30 | 01 | 286 | 2176.25 | 11884 | 38648 | 93.34 | 409 | 1327.50 | 17647 | 48276 | 85.74 | 231 | 993.25 | 9666 | 31252 | 89.86 | 293 | 663.40 | 12236 | 30981 | 94.15 | 39 | 470.25 | 1645 | 6966 | 76.98 | | | | | | | | | | |
| Jul-24 | 31 | 122 | 251 | 617.25 | 10484 | 49132 | 88.51 | 431 | 221.25 | 17972 | 60248 | 87.76 | 269 | 657.50 | 11236 | 42388 | 91.12 | 318 | 319.20 | 13264 | 32245 | 94.12 | 54 | 809.50 | 2284 | 9230 | 76.16 | | | | | | | | | | |
| Aug-24 | 31 | 153 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sep-24 | 30 | 183 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oct-24 | 31 | 214 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nov-24 | 30 | 244 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dec-24 | 31 | 275 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jan-25 | 31 | 306 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feb-25 | 28 | 334 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar-25 | 31 | 365 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | | | 1179 | 170098 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Cumulative Availability (%) = $10000 \times \frac{\sum DC}{\sum (N \times AUCN)} \times 100$
 DC = Average declared capacity for the 1st day of the period in MW
 N = Number of days during the period, and
 AUCN = Normative Auxiliary Energy Consumption as a percentage of gross generation.

Availability of Generation (AUE) has been taken on Capacity 110 MW as per UPRER Order dt: 30.01.2023.
 DC up to Month: 14645.054150 MW
 Availability have been calculated as per new Auxiliary Consumption Norms w.e.f. 01.04.2019 for MVT 2019-24 as per UPRER (Terms & Conditions for Generation Tariff) Regulations 2019, dt. 11.09.2019.

Manoj Kumar

AE (Comm.)

03.08.24

EE (Comm.)

Office of Chief Engineer
Commercial Unit



U.P. Rajya Vidyut Utpadan Nigam Ltd.
14th Floor, Shakti bhawan Extn.
Lucknow -226001
Tel No.- 0522-2288056
CIN : U 40101UP1980SGC005065
gm.commercial@uprvunl.org

cecommercialunl@gmail.com

Date: 14, August- 2024

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

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

Subject: Revised Main Energy Bill of Harduaganj E TPS of UPRVUNL for the month July-2024 due to change in DC.

The Revised Main Energy bill of Harduaganj E Thermal Power Stations of UPRVUNL due to change in DC against Electricity supplied by U.P. Rajya Vidyut Utpadan Nigam Ltd. to U.P. Power Corporation Ltd. during month **July 2024** as detailed below, is being enclosed for payment:-
Main Bill No.:- UNL/Energy Bill(SG/ESO)/2024-07/01A-Adj Hgnj 1x660, dt. 14.08.2024 **0.000000 Crs**

(Rs Zero 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.

Encl.: As above.

(D.K. Sharma)

C.E. (Commercial)

Date: 14, August- 2024

No. 441 /UNL/CE(Comml.)/Energy Bill/FY (2024-25)

Copy forwarded to the followings for their kind information :-

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

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

1. Chief General Manager, UPRVUNL, Harduaganj TPS by email.
2. Dy General Manager (Finance), UPRVUNL, 7th floor, Shakti Bhawan Extn, Lucknow.
3. Dy General Manager (Accounts), UPRVUNL, 7th floor, Shakti Bhawan Extn, Lucknow.
4. Chief Manager (F&A) CMU, UPRVUNL, 7th floor, Shakti Bhawan Extn, Lucknow.
5. Summary file/Bill Office copy.

(D.K. Sharma)

C.E. (Commercial)

U.P. Rajya Vidyut Utpadan Nigam Ltd.
14th Floor, Shakti Bhawan Extn., Lucknow
GST Reg. No. 09AAAACU4797P6Z8

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

Jul-24
U.P. Power Corporation Ltd.
Shakti Bhawan, Extn.
14, Ashok Marg, Lucknow
09AAAACU5088N4ZM

UNL/Energy Bill (SG/ESO)/2024-07/01A-Adj Hgnj 1x660
Bill No. : 14/08/224
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

Revised Main Energy Bill of UPRVNL of Harduaganj E. TPS for the month of July 2024 due to change in DC by UPSLDC as per their letter no. 2662/SE(EA)/EE-I/MEA/Haduaganj 1x660, dt. 07.08.2024.

| 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 w.e.f April 2024 (%) | Actual till current month w.e.f April 2024 (%) | Total capacity charges approved by UPERC (Rs. Cr) | Capacity charges (Fixed Charges) Percentage to be recovered (%) | Amount of annual capacity charges corresponding to Column 6 (ACCT) (Rs. Cr) | Amount of capacity charges payable for the month (Rs. Cr) ##### | Scheduled Generation by SLDC/ Energy Sent Out by Plants (MU) | Energy Charge (E.C) | | Total Amount Capacity Charges |
|---|--|--------------------------------|---|--|---|---|---|---|--|---------------------------------------|--|-------------------------------|
| | | | | | | | | | | Rate of Energy Charges (REC) (Rs/kwh) | Total Energy Charges (Rs. Cr) 11=(Col 9x10)/10 | |
| Harduaganj E | 660 | 4 | 85 | 88.21 | 895.00 | 100.00 | 895.0000000 | 74.5833333 | 9 | 3.42 | 99.6134243 | 174.1967576 |
| Previously claimed capacity Charges and Energy charges as per letter no. 429/UNL/CE (Comm.) Energy Bill (FY 2024-25), dt. 05.08.2024 is | | | | | | | | | | | 174.1967576 | |
| Balance Amount Payable | | | | | | | | | | | 0.0000000 | |

Total Amount Payable due to change in Availability

(Rs. Zero)

Total Amount Payable

Rs Crs. 0.00000000

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 n month-(nxACCn-(n-1)xACCn-1)/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/EE&PC/UPRVNL/U-4, dt. 03.05.2018 is Rs 1088.75 Crs.
Prepared as per DC/SG received from ABT/SLDC & Bill from TPS

Saurabh Grover
(Saurabh Grover)
EA (Comm.)

Raj Kumar Verma
(Raj Kumar Verma)
AE (Comm.)

Vinay Prakash Singh
(Vinay Prakash Singh)
Accountant

Virendra Kumar Saini
(Virendra Kumar Saini)
Accounts officer

Ritu Singh
(Ritu Singh)
EE (Comm.)

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

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

| Month | Days | Cum. Days | 630 MW (Haryana) | | | 630 MW (Uttarakhand) | | | 660 MW (Madhya Pradesh) | | | 660 MW (Jharkhand) | | | 660 MW (Chhattisgarh) | | | 660 MW (Odisha) | | | | | | | | |
|--------|------|-----------|-------------------|-----------------|-----------|----------------------|-----------------|-------------|-------------------------|-----------------|-----------|--------------------|-----------------|------------|-----------------------|-----------------|-----------|-------------------|-----------------|-----------|-------|------------|------|-------|-------|--|
| | | | Declared Cap (MW) | Cum. Avail. (%) | DC (Days) | Declared Cap (MW) | Cum. Avail. (%) | DC (Days) | Declared Cap (MW) | Cum. Avail. (%) | DC (Days) | Declared Cap (MW) | Cum. Avail. (%) | DC (Days) | Declared Cap (MW) | Cum. Avail. (%) | DC (Days) | Declared Cap (MW) | Cum. Avail. (%) | DC (Days) | | | | | | |
| Apr-24 | 30 | 30 | 355.000000 | 14.792 | 85.54 | 545.424500 | 22.726 | 22.726 | 81.06 | 616.872500 | 35.703 | 25.703 | 91.39 | 426.395000 | 17.775 | 17.775 | 65.61 | 202.662250 | 8444 | 8444 | 45.49 | 45.960050 | 1915 | 1915 | 10.26 | |
| May-24 | 31 | 61 | 357.374000 | 14.891 | 29.883 | 581.657500 | 24.236 | 46.962 | 82.38 | 646.838125 | 26.932 | 52.655 | 92.07 | 442.711500 | 18.446 | 36.221 | 65.76 | 267.556875 | 11148 | 19592 | 81.91 | 155.569250 | 6482 | 8397 | 22.13 | |
| Jun-24 | 30 | 91 | 333.480750 | 13.905 | 435.78 | 563.750000 | 23.490 | 70.452 | 82.85 | 672.320375 | 38.009 | 80.664 | 94.55 | 454.379250 | 18.941 | 55.162 | 67.13 | 119.463350 | 4978 | 24570 | 43.64 | 142.321750 | 5930 | 14327 | 25.31 | |
| Jul-24 | 31 | 122 | 346.862250 | 14.453 | 580.31 | 545.649750 | 22.735 | 93.187 | 81.74 | 666.111375 | 37.755 | 108.419 | 94.79 | 445.561500 | 18.565 | 73.727 | 66.92 | 253.752500 | 10573 | 35145 | 46.55 | 192.569100 | 8015 | 22342 | 29.44 | |
| Aug-24 | 31 | 153 | | | | | | | | | | | | | | | | | | | | | | | | |
| Sep-24 | 30 | 183 | | | | | | | | | | | | | | | | | | | | | | | | |
| Oct-24 | 31 | 214 | | | | | | | | | | | | | | | | | | | | | | | | |
| Nov-24 | 30 | 244 | | | | | | | | | | | | | | | | | | | | | | | | |
| Dec-24 | 31 | 275 | | | | | | | | | | | | | | | | | | | | | | | | |
| Jan-25 | 31 | 306 | | | | | | | | | | | | | | | | | | | | | | | | |
| Feb-25 | 28 | 334 | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar-25 | 31 | 365 | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | | | 1392.717000 | | | 2236.481750 | | 2602.045125 | | 1769.447250 | | 843.434875 | | 556.220150 | | | | | | | | | | | | |

| Month | Days | Cum. Days | 500 MW (Haryana) | | | 420 MW (Uttarakhand) | | | 500 MW (Madhya Pradesh) | | | 500 MW (Jharkhand) | | | 500 MW (Chhattisgarh) | | | 500 MW (Odisha) | | | | | | | |
|--------|------|-----------|-------------------|-----------------|-----------|----------------------|-----------------|-------------|-------------------------|-----------------|-----------|--------------------|-----------------|------------|-----------------------|-----------------|-----------|-------------------|-----------------|-----------|-------|-------|-------|--|--|
| | | | Declared Cap (MW) | Cum. Avail. (%) | DC (Days) | Declared Cap (MW) | Cum. Avail. (%) | DC (Days) | Declared Cap (MW) | Cum. Avail. (%) | DC (Days) | Declared Cap (MW) | Cum. Avail. (%) | DC (Days) | Declared Cap (MW) | Cum. Avail. (%) | DC (Days) | Declared Cap (MW) | Cum. Avail. (%) | DC (Days) | | | | | |
| Apr-24 | 30 | 30 | 306.749075 | 12.781 | 127.81 | 267.64 | 10.432 | 10.432 | 88.25 | 250.359125 | 10.432 | 10.432 | 90.98 | 322.734100 | 13.447 | 13.447 | 98.51 | 66.531950 | 2772 | 2772 | 72.72 | 72.72 | 92.82 | | |
| May-24 | 31 | 61 | 335.586250 | 13.983 | 267.64 | 356.3596025 | 14.848 | 31.229 | 82.74 | 267.696000 | 11.154 | 21.586 | 92.59 | 319.148250 | 13.298 | 26.745 | 96.36 | 61.1705125 | 2549 | 5321 | 87.62 | 87.62 | | | |
| Jun-24 | 30 | 91 | 283.217625 | 11.884 | 386.48 | 409.132750 | 17.047 | 48.276 | 85.74 | 231.993250 | 9.666 | 31.252 | 89.86 | 295.663405 | 12.236 | 38.981 | 94.15 | 39.476725 | 1645 | 6966 | 76.90 | 76.90 | | | |
| Jul-24 | 31 | 122 | 251.617125 | 10.884 | 491.32 | 439.5197500 | 18.313 | 66.589 | 88.21 | 269.657500 | 11.236 | 42.488 | 91.12 | 318.330920 | 13.264 | 52.245 | 94.12 | 54.8095500 | 2284 | 9250 | 76.16 | 76.16 | | | |
| Aug-24 | 31 | 153 | | | | | | | | | | | | | | | | | | | | | | | |
| Sep-24 | 30 | 183 | | | | | | | | | | | | | | | | | | | | | | | |
| Oct-24 | 31 | 214 | | | | | | | | | | | | | | | | | | | | | | | |
| Nov-24 | 30 | 244 | | | | | | | | | | | | | | | | | | | | | | | |
| Dec-24 | 31 | 275 | | | | | | | | | | | | | | | | | | | | | | | |
| Jan-25 | 31 | 306 | | | | | | | | | | | | | | | | | | | | | | | |
| Feb-25 | 28 | 334 | | | | | | | | | | | | | | | | | | | | | | | |
| Mar-25 | 31 | 365 | | | | | | | | | | | | | | | | | | | | | | | |
| Total | | | 1179.770098 | | | 1598.164118 | | 1019.705875 | | 1253.876675 | | 221.988738 | | | | | | | | | | | | | |

Cumulative Availability (%) = $100 - \frac{DC \times 100}{SCDC} / (SCDC \times (100 - AUCX))$

DC = Average de-rated capacity for the th day of the period in MW.

SC = Number of days during the period, and

AUCX = Normalized Auxiliary Energy Consumption as a percentage of gross generation.

Availability of Haridwar (UH) has been taken on Capacity 110 MW as per UPERC Order dt. 30.01.2023.

DC up to Month: 1465.251925 MW

SC up to Month: 1287.552270 MW

Availability have been calculated as per new Auxiliary Consumption Norms w.e.f. 01.04.2019 for MYT 2019-24 as per UPERC (Terms & Conditions for Generation Tariffs) Regulations-2019, dt. 11.09.2019.

(Signature)
AE (Comm.)

(Signature)
14.08.24
EE (Comm.)

Date: 14, August 2024

Office of Chief Engineer
Commercial Unit



U.P. Rajya Vidyut Utpadan Nigam Ltd.
14th Floor, Shakti bhawan Extn.
Lucknow -226001
Tel No.- 0522-2288056
CIN : U 40101UP1980SGC005065
gm.commercial@uprvunl.org

cecommercialunl@gmail.com

No. 477 /UNL/CE(Comml.)/Energy Bill/FY (2024-25)

Date: 28, August- 2024

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

Subject: Revised Main Energy Bill of Obra B TPS of UPRVUNL for the month July-2024 due to change in SG.

The Revised Main Energy bill of Obra B Thermal Power Stations of UPRVUNL due to change in SG against Electricity supplied by U.P. Rajya Vidyut Utpadan Nigam Ltd. to U.P. Power Corporation Ltd. during month **July- 2024** as detailed below, is being enclosed for payment:-

Main Bill No.:- UNL/Energy Bill(SG/ESO)/2024-07/01A-Adj Obra B, dt. 28.08.2024 (-) 0.0125551 Crs
(Rs minus One lacs, twenty five thousand, five hundred and fifty one 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.

Encl.: As above.

(Hari Shyam)
S.E. (Commercial)

No. 477 /UNL/CE(Comml.)/Energy Bill/FY (2024-25)

Date: 28, August- 2024

Copy forwarded to the followings for their kind information :-

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

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

1. CE (Commercial), UPRVUNL, 14th floor, Shakti Bhawan Extn, Lucknow.
2. Chief General Manager, UPRVUNL, Obra TPS by email.
3. Dy General Manager (Finance), UPRVUNL, 7th floor, Shakti Bhawan Extn, Lucknow.
4. Dy General Manager (Accounts), UPRVUNL, 7th floor, Shakti Bhawan Extn, Lucknow.
5. Chief Manager (F&A) CMU, UPRVUNL, 7th 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.- 09AAACU4797PGZ8

Bill No. : UNL/Energy Bill (SG/ESO)/2024-07/01A-Adj. Obra B
Bill Date : 28.08.2024
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,
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.

U.P. Power Corporation Ltd.
Shakti Bhawan, Extn.
14, Ashok Marg, Lucknow
09AAACUS088M4ZM

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

GST Reg. No.

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

Revised Main Energy Bill of UPRVUNL of Obra B TPS for the month of July 2024 due to change in SG by SLDC as per their letter no. 2805/SE(EA)/EE-I/MEA/Obra-B Rev.L dt. 21.08.2024.

| Project | Revised SG by SLDC (MU) | Previous SG by SLDC (MU) | Difference Energy (MU) | Rate of Energy Charges (REC) (Rs/kwh) | Total Revised Energy Charges (Rs. Crs) | Previously claimed Total Energy Charges (Rs. Crs) | Difference in Energy Charges (Rs. Crs) |
|---------|-------------------------|--------------------------|------------------------|---------------------------------------|--|---|--|
| Obra B | 406.075755 | 406.1253800 | -0.0496250 | 2.53 | 102.7371660 | 102.7497211 | -0.0125551 |
| | | | | | | | -0.0125551 |

(Rs minus One lac, twenty five thousand, five hundred and fifty one only)

Bill No. UNL/Energy Bill(SG/ESO)/2024-07/01, dt. 05.08.2024 sent through this office letter no. 429/UNL/CH(Comm.)/Energy Bill/FY (2024-25), dt. 05.08.2024.

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

Saurabh Grover
(Saurabh Grover)
EA (Commnl.)

Raj Kumar Verma
(Raj Kumar Verma)
AE (Commnl.)

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

Vinay Prakash Singh
(Vinay Prakash Singh)
Accountant

Virendra Kumar Saini
(Virendra Kumar Saini)
Accounts officer

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

Raj Kumar Verma
(Raj Kumar Verma)
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.- 0522-2288056
CIN : U 40101UP1980SGC005065
gm.commercial@uprvunl.org

cecommercialunl@gmail.com

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

Date: 02 , September- 2024

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

Subject: Provisional Bill of FCA of various TPS of UPRVUNL for July -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 **July-2024**, is being enclosed herewith for payment:-

(1) FCA Bill No.:- UNL/FCA/2024-07/02, dt. 02.09.2024 **217.7056868 Crs**
(Rs Two hundred and seventeen crore, seventy lacs, fifty six thousand, eight hundred and sixty 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. 02.09.2024 of Harduaganj and Jawaharpur Thermal Power Project.

Encl.: As above

(Hari Shyam)
S.E. (Commercial)

No. 483 /UNL/CE(Comm.)/FCA/FY (2024-25)

Date: 02 , September- 2024

Copy forwarded to the followings for their kind information :-

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

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

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

(Hari Shyam)
S.E. (Commercial)

Power order - 100235 dt 03.09.2024

Documen + No - 9004266 dt 03.09.2024

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

GST Reg. No. 09AAACU4797P6Z8

Bill of supply of Power for Month: July, 2024
Name of Customer :- U.P. Power Corporation Ltd.
Shakti Bhawan, Extn.
14, Ashok Marg, Lucknow
09AAACU5088M4ZM

UNL/FCA/2024-07/02
Bill No.- 02.09.24
Billed Date-
Due Date
Reference-

30 Days from the billing date
31.01.2024, 05.02.2024, 20.02.2024, 16.04.2024 & 06.05.2024
(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 Regu., 2019 Dt. 11.09.2019
(iii) Fuel data from Plants (certified by Cost Accountant)
(iv) PPA for various Thermal Power Stations.

UPRVUL 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 UPPCL 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. | Harduaganj Stage-2 U#5&6 | Harduaganj U#7 | Harduaganj U#8&9 | Harduaganj Extn.-II 1x660 MW | Jawaharpur 1x660 MW | Total |
|----------------------------------|--|--------|----------|-------------|-------------|------------|-------------|-------------|-------------|--------------------------|----------------|------------------|------------------------------|---------------------|--------------|
| A | Energy Exported & Billed (ESO) | ESO | MU | 328.3100600 | 527.2427150 | 643.737650 | 406.0757550 | 247.4421110 | 207.1727825 | 245.9701300 | 29.7401875 | 161.9458350 | 291.2673225 | 165.5661250 | 3254.5106725 |
| 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. | (Osm) | 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 | AUXn | % | 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 | 2.65609 | 2.81818 | 2.74986 | 2.67069 | 5.26884 | 4.50760 | 4.50760 | 5.31483 | 5.90751 | 6.32630 | 6.10957 | |
| F | Price of Secondary fuel (Oil) | Ps | Rs./ml | 0.07681290 | 0.07681290 | 0.07681290 | 0.07739119 | 0.07816100 | 0.07932838 | 0.07932838 | 0.06648875 | 0.06648875 | 0.07008118 | 0.07703911 | |
| G | Gross Calorific Value of Primary fuel (Coal) | Cp | Kcal/Kg | 3134.00 | 3404.00 | 3541.00 | 3206.00 | 3344.00 | 3266.00 | 3266.00 | 3071.00 | 3493.00 | 3397.00 | 3400.92 | |
| H | Gross Calorific Value of Primary fuel (Coal) less 85 Kcal/Kg on account of variation during storage (Cp1= Cp-85) | Cp1 | Kcal/Kg | 3049.00 | 3319.00 | 3456.00 | 3121.00 | 3259.00 | 3181.00 | 3181.00 | 2986.00 | 3408.00 | 3312.00 | 3315.92 | |
| I | Gross Calorific Value of Secondary fuel (oil) | Cs | Kcal/Lit | 9216.77 | 9216.77 | 9216.77 | 9296.00 | 9125.00 | 9216.00 | 9216.00 | 10570.00 | 10570.00 | 10570.00 | 10570.00 | |
| J | Formula of ECR | ECR | Rs./Kwh | 2.3511 | 2.2085 | 2.0519 | 2.7732 | 3.7966 | 3.8204 | 3.8204 | 5.2944 | 4.6553 | 4.2666 | 4.0361 | |
| 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 | Diff in ECR (J-K) | ECR2 | Rs./Kwh | 0.5311 | 0.5185 | 0.6119 | 0.2422 | 1.8966 | 0.3104 | 0.3104 | 1.4644 | 1.2053 | 0.8466 | 0.8561 | |
| M | Amt. of Energy Charge due to variation in fuel data (Axl)/10 | Rs Crs | Rs Crs | 17.4365473 | 27.3375348 | 39.3903068 | 9.8351548 | 46.9298706 | 6.4306432 | 7.6349128 | 4.3551531 | 19.5193315 | 24.6586915 | 14.1775404 | 217.7056868 |
| Total Amount Payable (Cr) | | | | | | | | | | | | | | | |

*Obra B Revised SG has been taken.


217.7056868
(Rs Two hundred and seventeen crore, seventy lacs, fifty six thousand, eight hundred and sixty eight 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)
EA (Comml.)


(Vinay Prakash Singh)
Accountant


(Raj Kumar Verma)
AE(Comml.)


(Ritu Singh)
EE(Comml.)