

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 / 2287030  
CIN : U 40101UP1980SGC005065  
gm.commercial@uprvunl.org

No. /UNL/CE(Comml.)/Energy Bill/FY (2021-22)

Date: 10, January, 2022

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 December-2021.**

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 **December, 2021** as detailed below, is being enclosed for payment:-

Main Bill No.:- UNL/Energy Bill(SG/ESO)/2021-12/01, dt. 10.01.2022

**Rs 653.4246296 Crs**

**(Rs Six hundred fifty three crore, forty two lacs, forty six thousand, two hundred and ninety six only)**

It is therefore requested that the payment of this Bill in accordance with Operational parameters of UPERC Generation Regulation-2019 dt. 11.09.2019 & Fixed Cost as per Tariff Order dt. 29.04.2016 & 18.01.2017 and PPA signed between UPRVUNL and UPPCL may kindly be ensured.

Last Energy Account from SLDC/ABT received on dt. 07.01.2022 for Obra 'B' TPS.

(Arvind kumar Singh)  
Chief Engineer (Commercial)

No. 16 /UNL/CE(Comml.)/Energy Bill/FY (2021-22)

Date: 10, January, 2022

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

1. CE (TO/Fuel), UPRVUNL, 14<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
2. Chief Engineer (L-1), Anpara/Obra/Harduanj/Parichha TPS.
3. Dy CAO (Accounts), UPRVUNL, 9<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
4. Dy CAO (Finance), UPRVUNL, 8<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
5. Chief Manager (CMU), UPRVUNL, 7<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.

(Arvind kumar Singh)  
Chief Engineer (Commercial)

*Summary file*



**U.P. Rajya Vidyut Utpadan Nigam Ltd.**  
14th Floor, Shakti Bhawan Extn., Lucknow  
GST Reg. No. 09AAACU4749D2Z9

Bill of supply of Power of the month : Dec-21  
Name of Customer : U.P. Power Corporation Ltd.  
Shakti Bhawan, Extn.  
14, Ashok Marg, Lucknow  
09AAACU5088M4ZM

UNL/energy Bill (SG/ESO)/2021-12/01  
Bill No. : 10-01-22  
Bill Date : 30 Days from the billing date  
Due Date :  
Reference : (i) UPERC Tariff Order Dt.29.04.2016 & 18.01.2017  
(ii) UPERC Gen Reg.'19 Dt. 11.09.2019  
(iii) PPA for various Thermal Power Stations.

**Provisional Main Energy Bill of UPRVUNL to UPPCL for Anpara A, Anpara B, Anpara D, Obra B, Parichha Extn, Parichha Extn Stage-2, Harduaganj & Harduaganj Extn on Schedule Generation (SG).**

| Projects          | Approved Plant capacity as per UPERC T.O. | No. of Months w.e.f April 2021 | Cum.Plant Target by UPERC | Actual till current month w.e.f April,2021 | Total capacity charges approved by UPERC | Percentage to be recovered | Capacity charges ( Fixed Charges) | Amount of annual capacity charges corresponding to Column 6 (ACC2) | Amount of capacity charges payable for the month | Scheduled Generation by SLDC/ Energy Sent Out by Plants (MU) | Rate of Energy Charges (REB) | Total Energy Charges | Total Amount Capacity Charges+ Energy Charges |
|-------------------|-------------------------------------------|--------------------------------|---------------------------|--------------------------------------------|------------------------------------------|----------------------------|-----------------------------------|--------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------|------------------------------|----------------------|-----------------------------------------------|
|                   | (MW)                                      | n                              | (%)                       | (%)                                        | (Rs. Crs)                                | (%)                        | (Rs. Crs)                         | (Rs. Crs)                                                          | (Rs. Crs)                                        | (MU)                                                         | (Rs/kwh)                     | (Rs. Crs)            | (Rs. Crs)                                     |
| Anpara 'A'        | 630                                       | 9                              | 85                        | 69.87                                      | 306.96                                   | 82.20                      | 252.3211200                       | 15.5628720                                                         | 207.282090                                       | 9                                                            | 1.87                         | 38.7617508           | 54.3246228                                    |
| Anpara 'B'        | 1000                                      | 9                              | 85                        | 87.37                                      | 307.88                                   | 100.00                     | 307.8800000                       | 25.6566667                                                         | 560.626575                                       | 9                                                            | 1.62                         | 90.8215052           | 116.4781719                                   |
| Anpara 'D'        | 1000                                      | 9                              | 85                        | 64.41                                      | 1088.75                                  | 75.78                      | 825.0547500                       | 100.4734792                                                        | 621.964855                                       | 9                                                            | 1.44                         | 89.5629391           | 190.0364183                                   |
| Obra 'B'          | 1000                                      | 9                              | 80                        | 60.62                                      | 421.89                                   | 75.78                      | 319.7082420                       | 29.9612215                                                         | 379.863685                                       | 9                                                            | 1.52                         | 57.7392801           | 87.7005016                                    |
| Harduaganj Extn   | 500                                       | 9                              | 85                        | 72.08                                      | 532.38                                   | 84.80                      | 451.4582400                       | 52.3861920                                                         | 0.000000                                         | 9                                                            | 2.67                         | 0.0000000            | 52.3861920                                    |
| Parichha Extn.    | 420                                       | 9                              | 85                        | 90.98                                      | 333.66                                   | 100.00                     | 333.6600000                       | 27.8050000                                                         | 111.207928                                       | 9                                                            | 3.21                         | 35.6977449           | 63.5027449                                    |
| Pari.Extn. Stage2 | 500                                       | 9                              | 85                        | 88.80                                      | 498.79                                   | 100.00                     | 498.7900000                       | 41.5658333                                                         | 10.1871037                                       | 9                                                            | 3.21                         | 37.2430411           | 78.8088744                                    |
| Harduaganj (U#7)  | 105                                       | 9                              | 65                        | 59.84                                      | 78.98                                    | 92.06                      | 72.7089880                        | 10.1871037                                                         | 303.5983684                                      | 9                                                            | 3.47                         | 0.0000000            | 10.1871037                                    |
|                   | 5155                                      |                                |                           |                                            | 3569.29                                  |                            | 3061.5813400                      |                                                                    |                                                  |                                                              |                              | 349.8262612          | 653.4246296                                   |

**Total Amount Payable**

**Rs Crs. 653.4246296**

**(Rs. Six hundred fifty three crore, forty two lacs, forty six thousand, two hundred and ninety six only )**

DC up to Month: 23147.080850 MU SG up to Month: 17950.7195530 MU

# 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 of Harduaganj (U#7) TPS having capacity 105 MW due to deletion of U#5 as per O.M. NO. 592/CE(TO)/Harduaganj dt. 15.07.2017 = 124.11\*105/165 = 78.98 Cr.  
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/E/E&PC/UPRVUNL/U-4, dt. 03.05.2018 is Rs 1088.75 Crs.

Prepared 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)  
EA (Comml.)

(Raj Kumar Verma)  
AE (Comml.)

Accountant  
Dy. Accounts officer

(Raj Kumar Verma)  
AE (Comml.)

(Ritu Singh)  
EE(Comml.)



# Cumulative Availability for FY 2021-22

| Month  | Days | Cum Days | MW       | AUXN     | 8.5     | MW       | 1000     | AUXN     | 6.55    | MW       | 1000     | AUXN     | 6.25    | MW       | 1000     | AUXN     | 9.7     |
|--------|------|----------|----------|----------|---------|----------|----------|----------|---------|----------|----------|----------|---------|----------|----------|----------|---------|
|        |      |          | Declared | Cum Dec. | Cum Ave | Declared | Declared | Cum Dec. | Cum Ave | Declared | Declared | Cum Dec. | Cum Ave | Declared | Declared | Cum Dec. | Cum Ave |
|        |      |          | Cap (MW) | Cap (MW) | (%)     | Cap (MW) | Cap (MW) | Cap (MW) | (%)     | Cap (MW) | Cap (MW) | Cap (MW) | (%)     | Cap (MW) | Cap (MW) | Cap (MW) | (%)     |
| Apr-21 | 30   | 30       | 363      | 188500   | 15133   | 79.51    | 496      | 417160   | 20684   | 73.78    | 337      | 284338   | 14060   | 49.99    | 447      | 245500   | 18635   |
| May-21 | 31   | 61       | 308      | 213750   | 12842   | 79.56    | 668      | 931000   | 27872   | 85.18    | 347      | 278063   | 28530   | 49.89    | 417      | 824500   | 36044   |
| Jun-21 | 30   | 91       | 259      | 967500   | 10832   | 73.98    | 609      | 271500   | 25386   | 73.94    | 297      | 922688   | 12413   | 47.99    | 347      | 246500   | 50513   |
| Jul-21 | 31   | 122      | 299      | 378000   | 12474   | 72.92    | 582      | 879580   | 24829   | 86.16    | 313      | 482125   | 13062   | 54005    | 404      | 363000   | 16848   |
| Aug-21 | 31   | 153      | 316      | 303500   | 13179   | 73.09    | 581      | 752510   | 24240   | 85.66    | 358      | 317500   | 14930   | 48.06    | 325      | 048000   | 13544   |
| Sep-21 | 30   | 183      | 323      | 806000   | 13492   | 73.89    | 577      | 354460   | 24056   | 85.68    | 429      | 573875   | 17899   | 50.61    | 365      | 050750   | 15210   |
| Oct-21 | 31   | 214      | 298      | 451750   | 12435   | 73.27    | 629      | 183500   | 26216   | 86.38    | 619      | 916750   | 25830   | 56.16    | 378      | 851000   | 15785   |
| Nov-21 | 30   | 244      | 265      | 868500   | 11078   | 72.14    | 637      | 832750   | 26576   | 87.41    | 628      | 611188   | 26192   | 60.70    | 470      | 056000   | 19586   |
| Dec-21 | 31   | 275      | 223      | 219250   | 9301    | 69.87    | 605      | 192750   | 25216   | 87.37    | 652      | 763875   | 166054  | 64.41    | 457      | 440500   | 19060   |
| Jan-22 | 31   | 306      |          |          |         |          |          |          |         |          |          |          |         |          |          |          |         |
| Feb-22 | 28   | 334      |          |          |         |          |          |          |         |          |          |          |         |          |          |          |         |
| Mar-22 | 31   | 365      |          |          |         |          |          |          |         |          |          |          |         |          |          |          |         |
| Total  |      |          | 2658     | 396750   |         |          | 5388     | 815210   |         |          | 3985     | 294502   |         |          | 3613     | 125750   |         |

| Month  | Days | Cum Days | MW       |          | AUX'n    |          | 9.5      |          | MW       |          | 500      |          | AUX'n    |          | 9.0      |          | MW       |          | 420      |          | AUX'n    |          | 9.0      |          | MW       |          | 500      |          | Partisha Ext.Stage2 |          | AUX'n    |          |        |       |       |
|--------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------------------|----------|----------|----------|--------|-------|-------|
|        |      |          | Declared | Cum Dec. | Declared | Cum Dec. | Declared | Cum Ave  | Declared | Cum Ave  | Declared | Cum Dec. | Declared | Cum Ave  | Declared | Cum Dec. | Declared | Cum Ave  | Declared | Cum Dec. | Declared | Cum Dec. | Declared | Cum Dec. | Declared | Cum Dec. | Declared | Cum Dec. | Declared            | Cum Dec. | Declared | Cum Dec. |        |       |       |
|        |      |          | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW) | Cap (MW)            | Cap (MW) | Cap (MW) | Cap (MW) |        |       |       |
| Apr-21 | 30   | 30       | 41       | 406680   | 1725     | 60.51    | 153      | 008750   | 6375     | 46.70    | 273      | 987650   | 11416    | 99.56    | 278      | 025500   | 11584    | 84.86    | 278      | 025500   | 11584    | 84.86    | 278      | 025500   | 11584    | 84.86    | 278      | 025500   | 11584               | 84.86    | 278      | 025500   | 11584  | 84.86 |       |
| May-21 | 31   | 61       | 34       | 889485   | 1454     | 54.84    | 154      | 499000   | 6437     | 46.16    | 284      | 356800   | 11848    | 99.78    | 306      | 965000   | 12790    | 87.82    | 306      | 965000   | 12790    | 87.82    | 306      | 965000   | 12790    | 87.82    | 306      | 965000   | 12790               | 87.82    | 306      | 965000   | 12790  | 87.82 |       |
| Jun-21 | 30   | 91       | 59       | 594805   | 2483     | 65.48    | 159      | 230875   | 6635     | 46.97    | 264      | 005775   | 11000    | 98.52    | 323      | 076500   | 13462    | 91.38    | 323      | 076500   | 13462    | 91.38    | 323      | 076500   | 13462    | 91.38    | 323      | 076500   | 13462               | 91.38    | 323      | 076500   | 13462  | 91.38 |       |
| Jul-21 | 31   | 122      | 62       | 212910   | 2592     | 71.20    | 201      | 357000   | 8390     | 50.15    | 208      | 695160   | 8696     | 92.13    | 250      | 767500   | 10449    | 86.98    | 250      | 767500   | 10449    | 86.98    | 250      | 767500   | 10449    | 86.98    | 250      | 767500   | 10449               | 86.98    | 250      | 767500   | 10449  | 86.98 |       |
| Aug-21 | 31   | 153      | 24       | 407470   | 1017     | 63.77    | 317      | 127375   | 13214    | 41.051   | 58.97    | 269      | 433730   | 11226    | 92.66    | 320      | 889375   | 13370    | 88.57    | 320      | 889375   | 13370    | 88.57    | 320      | 889375   | 13370    | 88.57    | 320      | 889375              | 13370    | 88.57    | 320      | 889375 | 13370 | 88.57 |
| Sep-21 | 30   | 183      | 0        | 000000   | 0        | 53.31    | 267      | 770750   | 11157    | 52208    | 62.70    | 251      | 271510   | 10470    | 92.44    | 298      | 592250   | 12441    | 88.99    | 298      | 592250   | 12441    | 88.99    | 298      | 592250   | 12441    | 88.99    | 298      | 592250              | 12441    | 88.99    | 298      | 592250 | 12441 | 88.99 |
| Oct-21 | 31   | 214      | 13       | 659120   | 569      | 48.39    | 245      | 570445   | 10232    | 62440    | 64.13    | 184      | 678993   | 7695     | 88.46    | 246      | 156750   | 10257    | 86.63    | 246      | 156750   | 10257    | 86.63    | 246      | 156750   | 10257    | 86.63    | 246      | 156750              | 10257    | 86.63    | 246      | 156750 | 10257 | 86.63 |
| Nov-21 | 30   | 244      | 68       | 414400   | 2851     | 54.74    | 327      | 600000   | 13650    | 76090    | 68.54    | 275      | 184000   | 11466    | 83817    | 327      | 600000   | 13650    | 88.28    | 327      | 600000   | 13650    | 88.28    | 327      | 600000   | 13650    | 88.28    | 327      | 600000              | 13650    | 88.28    | 327      | 600000 | 13650 | 88.28 |
| Dec-21 | 31   | 275      | 70       | 694880   | 2946     | 59.84    | 338      | 520000   | 14105    | 90195    | 72.08    | 283      | 278825   | 11803    | 95620    | 314      | 519375   | 13105    | 88.80    | 314      | 519375   | 13105    | 88.80    | 314      | 519375   | 13105    | 88.80    | 314      | 519375              | 13105    | 88.80    | 314      | 519375 | 13105 | 88.80 |
| Jan-22 | 31   | 306      |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |                     |          |          |          |        |       |       |
| Feb-22 | 28   | 334      |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |                     |          |          |          |        |       |       |
| Mar-22 | 31   | 365      |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |                     |          |          |          |        |       |       |
| Total  |      |          | 375      | 279750   |          |          | 2164     | 684195   |          |          |          | 2294     | 892443   |          |          | 2666     | 592250   |          |          |          |          |          |          |          |          |          |          |          |                     |          |          |          |        |       |       |

Cumulative Availability (%) =  $10000 \times \sum DC_i / [N \times (100 - AUXN)] \%$

DC<sub>i</sub> = Average declared capacity for the i<sup>th</sup> day of the period in MW.

N = Number of days during the period, and

AUXN = Normative Auxiliary Energy Consumption as a percentage of gross generation.

DC up to Month: 23147.0808500 MU

SC up to Month: 17950.7195530 MU

Availability have been calculated as per new Auxiliary Consumption norms w.e.f. 01.04.2019 for MYT 2019-24 specified by UPERC (Terms & conditions of Generation Tariff) Regulation-2019, dt. 11.09.2019.

GA

Wong

10.01.22

EA (Comm.)

AE (Comm.)

EE (Comm.)



Office of Chief Engineer  
Commercial Unit

cecommercialunl@gmail.com



23  
U.P. Rajya Vidyut Utpadan Nigam Ltd.  
14<sup>th</sup> Floor, Shakti bhawan Extn.  
Lucknow -226001  
Tel No.- 0522-2288056 / 2287030  
CIN : U 40101UP1980SGC005065  
gm.commercial@uprvunl.org

No. 39 /UNL/CE(Comm.) /FCA/FY (2021-22)

Date: 29, January, 2022

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

Subject: **Supplementary Bill of FCA of various TPS of UPRVUNL for December-2021.**

The Supplementary bill of Fuel Cost Adjustment (FCA) for variation in fuel data certified by Cost Accountants 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 **December, 2021**, is being enclosed herewith for payment :-

(1) FCA Bill No.: -UNL/FCA/2021-12/02, dt. 29.01.2022

**Rs 55.9476575 Crs**

**(Rs Fifty five crore, ninety four lacs, seventy six thousand, five hundred and seventy five only)**

It is, therefore, requested that the payment of these Bills in accordance with UPERC 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. 29.01.2022 of Harduaganj TPS.

Encl.: As above.

(Arvind Kumar Singh)  
Chief Engineer (Commercial)  
Date: 29, January, 2022

No. 39/UNL/CE(Comm.) /FCA/FY (2021-22)

Copy forwarded to the following 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 (Finance), UPRVUNL, 8<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
4. Director (Technical), UPRVUNL, 8<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.

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1. Chief Engineer (TO/Fuel), UPRVUNL, Lucknow.
2. Chief Engineer (L-1), UPRVUNL, Anpara, Obra, Parichha, Harduaganj Projects.
3. Dy CAO (Finance), UPRVUNL, 8<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
4. Dy CAO (Accounts), UPRVUNL, 9<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
5. Chief Manager (CMU), UPRVUNL, 7<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.

→ Summary file

(Arvind Kumar Singh)  
Chief Engineer (Commercial)



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

GST Reg. No.- 09AAACU4749D229

FCA Bill No.- UNL/FCA/2021-12/02

Bill Date- 29/01/2022

Due Date 30 Days from the billing date

Reference- (i) UPERC Tariff Order Dt. 29.04.2016 & 18.01.2017

(ii) UPERC Gen Regu., 2019 Dt. 11.09.2019

(iii) Fuel data from Plants (certified by Cost Accountant)

December, 2021  
U.P. Power Corporation Ltd.  
Shakti Bhawan, Extn.  
14, Ashok Marg, Lucknow  
09AAACU5088M4ZM

Bill of supply of Power for Month:

Name of Customer :-

GST Reg. No:

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   | Anp D      | Obra B     | Harduaganj Extn. | Pari Extn. | Pari Extn. Stage-2 | Harduaganj | Total        |
|-------|------------------------------------------------------------------------------------------------------------------|--------|----------|-------------------------------------------------------------------------------------------------|------------|------------|------------|------------------|------------|--------------------|------------|--------------|
| A     | Unit No.                                                                                                         |        |          |                                                                                                 |            |            |            |                  |            |                    |            |              |
|       | Energy Exported & Billed (ESO)                                                                                   | ESO    | MU       | U#1,2&3                                                                                         | U#4&5      | U#6&7      | U#9 to 13  | U#8&9            | U#3&4      | U#5&6              | U#7        |              |
|       | Normative Operating Parameters                                                                                   |        |          | 207.282090                                                                                      | 560.626575 | 621.964855 | 379.863685 | 0.000000         | 111.207928 | 116.021935         | 0.000000   | 1996.9670680 |
| B     | Gross Station Heat Rate (GSHR)                                                                                   | H      | Kcal/Kwh | 2430                                                                                            | 2390       | 2374       | 2755       | 2430             | 2430       | 2430               | 2625       |              |
| C     | Sp. Oil Cons.                                                                                                    | (Q)in  | ml/Kwh   | 0.50                                                                                            | 0.50       | 0.50       | 2.10       | 0.50             | 0.50       | 0.50               | 2.50       |              |
| D     | Auxiliary Energy Consumption                                                                                     | AUXn   | %        | 8.50                                                                                            | 6.55       | 6.25       | 9.70       | 9.00             | 9.00       | 9.00               | 9.50       |              |
|       | Fuel Data for the month                                                                                          |        |          |                                                                                                 |            |            |            |                  |            |                    |            |              |
| E     | Price of Primary fuel (Coal)                                                                                     | Pp     | Rs. Kg   | 2.20376                                                                                         | 2.40566    | 2.45572    | 2.70607    | 4.50217          | 4.46992    | 4.46992            | 4.50217    |              |
| F     | Price of Secondary fuel (Oil)                                                                                    | Ps     | Rs. ml   | 0.06566795                                                                                      | 0.06566795 | 0.06566795 | 0.06972440 | 0.05860960       | 0.03469024 | 0.03469024         | 0.05860960 |              |
| G     | Gross Calorific Value of Primary fuel (Coal)                                                                     | Cp     | Kcal/Kg  | 3503.00                                                                                         | 3695.00    | 3681.00    | 3929.00    | 3334.00          | 3687.39    | 3687.39            | 3334.00    |              |
| H     | Gross Calorific Value of Primary fuel (Coal) less 85 Kcal/kg on account of variation during storage (Cp - Cp-85) | Cp1    | Kcal/Kg  | 3418.00                                                                                         | 3610.00    | 3596.00    | 3844.00    | 3249.00          | 3602.39    | 3602.39            | 3249.00    |              |
| I     | Gross Calorific Value of Secondary fuel (oil)                                                                    | Cs     | Kcal/Ltr | 9334.50                                                                                         | 9334.50    | 9334.50    | 9102.00    | 10570.00         | 9608.59    | 9608.59            | 10570.00   |              |
|       | Formula of ECR                                                                                                   |        |          | $ECR = 100 \{ Pp \cdot (H - (Q)in \cdot C_s / 1000) / (C_p + Ps \cdot (Q)in) / (100 - AUXn) \}$ |            |            |            |                  |            |                    |            |              |
| J     | Energy Charge Rate for the month (ECR)                                                                           | ECR    | Rs./Kwh  | 1.7449                                                                                          | 1.7361     | 1.7609     | 2.2950     | 3.7245           | 3.3259     | 3.3259             | 4.1408     |              |
| K     | Already claimed energy charge rate (ECR1)                                                                        | ECR1   | Rs./Kwh  | 1.8700                                                                                          | 1.6200     | 1.4400     | 1.5200     | 2.6700           | 3.2100     | 3.2100             | 3.4700     |              |
| L     | Diff in ECR (J-K)                                                                                                | ECR2   | Rs./Kwh  | -0.1251                                                                                         | 0.1161     | 0.3209     | 0.7750     | 1.0545           | 0.1159     | 0.1159             | 0.6708     |              |
| M     | Ant. of Energy Charge due to variation in fuel data (Axi.)/10                                                    |        | Rs Cts   | -2.5930989                                                                                      | 6.5088745  | 19.9588522 | 29.4394356 | 0.0000000        | 1.2888999  | 1.3446942          | 0.0000000  | 55.9476575   |

Total Amount Payable (Cr)

(Rs Fifty five crore, ninety four lacs, seventy six thousand, five hundred and seventy five only)

55.9476575

Normative Parameters have been taken as per UPERC Generation Tariff Regulation-2019, dt. 11.09.2019 for various TPS of UPRVUNL.

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.)

Raj Kumar Verma  
AE (Comml.)

Goga Pandey  
Accountant

Accounts Officer

Raj Kumar Verma  
AE (Comml.)

Ritu Singh  
EE (Comml.)