

Office of Chief Engineer
Commercial Unit

cecommercialunl@gmail.com



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

No. 80 /UNL/CE(Comml.)/Energy Bill/FY (2022-23)

Date: 13, February- 2023

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 January-2023.

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 **January-2023** as detailed below, is being enclosed for payment:-

Main Bill No.:- UNL/Energy Bill(SG/ESO)/2023-01/01, dt. 13.02.2023

683.5066492 Crs

(Rs Six hundred and eighty three crore, fifty lacs, sixty six thousand, four hundred and ninety two 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 Energy Account from SLDC/ABT received on dt. 09.02.2023 for Obra TPS.

Encl.: As above.

(Ashok Kumar Seth)
Chief Engineer (Commercial)

Manoj Kumar
AE

AS

Dr. Sanyal O/C

No. 80 /UNL/CE(Comml.)/Energy Bill/FY (2022-23)

Date: 13, February- 2023

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 (TO/Fuel), UPRVUNL, 14th floor, Shakti Bhawan Extn, Lucknow.
2. Chief Engineer (L-1), Anpara/Obra/Harduaganj/Parichha TPS.
3. Dy General Manager (Accounts), UPRVUNL, 8th floor, Shakti Bhawan Extn, Lucknow.
4. Dy CAO (Finance), UPRVUNL, 8th floor, Shakti Bhawan Extn, Lucknow.
5. Chief Manager (F&A) CMU, UPRVUNL, 7th floor, Shakti Bhawan Extn, Lucknow.
6. Accounts Officer (Accounts), UPRVUNL, 9th floor, Shakti Bhawan Extn, Lucknow.

Manoj Kumar
AE

AS

Dr. Sanyal O/C

(Ashok Kumar Seth)
Chief Engineer (Commercial)

U.P. Rajya Vidyut Utpadan Nigam Ltd.
14th Floor, Shakti Bhawan Extn., Lucknow
GST Reg. No.- 09AAACU4749DZ29

Jan-23
 U.P. Power Corporation Ltd.
 Shakti Bhawan, Extn.
 14, Ashok Marg, Lucknow
 09AAACU5088M4ZM

UNL/Energy Bill (SG/ESO)/2023-01/01
 Bill No. : **13102/2023**
 Bill Date : **13/02/2023**
 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.

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

GST Reg. No.:

Provisional Main Energy Bill of UPRVUNL to UPPCL for Anpara A, Anpara B, Anpara D, Ohra B, Parichha Extn, Parichha Extn Stage-2, Harduaganj Extn & Harduaganj (U#7).

Name of Thermal Power Station	Approved Plant capacity as per UPERC T.O.	No. of Months w.e.f April 2022	Cum.Plant Availability		Total capacity charges approved by UPERC	Capacity charges (Fixed Charges)	Amount of capacity charges payable for the month	Scheduled Generation by Energy Sent Out by Plants (MU)	Energy Charges (E.C)		Total Amount Capacity Charges
			Target by UPERC	Actual till current month w.e.f April 2022					Percentage to be recovered	Amount of annual capacity charges corresponding to Column 6 (ACC2)	
	(MW)	n	(%)	(%)	(Rs. Crs)	(Rs. Crs)	(Rs. Crs)	(MU)	(Rs/cwh)	(Rs. Crs)	(Rs. Crs)
Anpara 'A'	630	10	85	79.18	306.96	16,806,000	14,25,997.53	230,373,050	1.87	43,07,97,604	59,88,58,204
Anpara 'B'	1000	10	85	77.46	307.88	280,571,044	90,72,91,667	372,80,58,900	1.62	52,29,45,542	66,55,45,295
Anpara 'D'	1000	10	85	96.01	1088.75	1088,750,000	373,79,45,400	633,72,37,600	1.44	91,25,62,214	1,81,98,53,881
Ohra 'B'	1000	10	80	70.88	421.89	373,79,45,400	37,541,782	451,13,94,275	1.52	68,57,31,930	1,01,11,49,750
Harduaganj Extn	500	10	85	86.86	532.38	532,380,000	44,36,50,000	118,35,66,050	2.67	31,60,12,135	75,96,62,135
Parichha Extn	420	10	85	82.38	333.66	323,383,270	19,24,10,600	125,96,06,000	3.21	40,43,33,526	59,67,44,126
Parichha Extn-II	500	10	85	79.91	498.79	468,912,470	44,50,03,812	234,66,13,550	3.21	75,32,62,950	119,82,66,762
Harduaganj (U#7)	105	10	65	68.56	78.98	78,980,000	6,581,666.7	34,342,845	3.47	11,91,69,672	18,49,86,339
	5155				3569.29	3,432,70,45,750	2,69,02,50,919	2151,36,53,325		414,48,15,573	683,50,66,492

Total Amount Payable (Rs. Six hundred and eighty three crore, fifty lacs, sixty six thousand, four hundred and ninety two only)
Rs Crs. 683.5066492

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-(n*ACCn)/(n*ACCn-D)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 Anpara 'D' TPS as per calculation sheet of Verified Bill of March 18 by UPPCL letter no. 1512.FE&PC/UPRVUNL/AU-4, dt. 03.05.2018 is Rs 1088.75 Crs.
 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.FE&PC/UPRVUNL/AU-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

Sourav
 (Sourabh Grover)
 EA (Comml.)

Manoj Kumar
 (Manoj Kumar)
 AE (Comml.)

Harish
 (Goga Pabbay)
 Accountant

Manoj Kumar
 (Manoj Kumar)
 Accounts officer

Manoj Kumar
 (Manoj Kumar)
 AE (Comml.)

Abhinav
 (Abhinav)
 EE (Comml.)

Office of Chief Engineer
Commercial Unit



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

cecommercialunl@gmail.com

No. 79-/UNL/CE(Comml.)/Energy Bill/FY (2022-23)

Date: 13, February- 2023

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 1x660 MW Harduaganj Ext-II TPS for the month January -2023.

The Provisional Main Energy Bill of 1x660 MW Harduaganj Ext-II Thermal Power Stations of UPRVUNL against electricity supplied by U.P. Rajya Vidyut Utpadan Nigam Ltd. to U.P. Power Corporation Ltd. during month **January-2023** as detailed below, is being enclosed for payment:-

Main Bill No.:- UNL/Energy Bill(SG/ESO)/2023-01/01A, dt. 13.02.2023 **Rs 47.4082172 Crs**
(Rs Forty seven crore, forty lacs, eighty two thousand, one hundred and seventy two only)

It is therefore requested that the payment of this provisional Bill in accordance with operational parameters of UPERC Generation Regulation-2019 dt. 11.09.2019 & Capacity Charges subject to adjustment of amount as per UPERC Tariff Order in future on pending Petition (copy already sent with bill of April-2022) and PPA signed between UPRVUNL and UPPCL for 1x660 MW Harduaganj Ext-II TPS may kindly be ensured.
Encl: As above.

Manoj Kumar
A/E

A/E

A. Sanyal O/c

Ashok Kumar Seth

(Ashok Kumar Seth)
Chief Engineer (Commercial)

No. 79 /UNL/CE(Comml.)/Energy Bill/FY (2022-23)

Date: 13, February- 2023

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 following for their kind information & necessary action :-

1. Chief Engineer (TO/Fuel), UPRVUNL, 14th floor, Shakti Bhawan Extn, Lucknow.
2. Chief Engineer (L-1), Harduaganj Thermal Power Project, Kasimpur, Aligarh.
3. Dy General Manager (Accounts), UPRVUNL, 8th floor, Shakti Bhawan Extn, Lucknow.
4. Dy CAO (Finance), UPRVUNL, 8th floor, Shakti Bhawan Extn, Lucknow.
5. Chief Manager (F&A) CMU, UPRVUNL, 7th floor, Shakti Bhawan Extn, Lucknow.
6. Accounts Officer (Accounts), UPRVUNL, 9th floor, Shakti Bhawan Extn, Lucknow.

Manoj Kumar
A/E

A/E

A. Sanyal O/c

Ashok Kumar Seth

(Ashok Kumar Seth)
Chief Engineer (Commercial)

U.P. Rajya Vidyut Utpadan Nigam Ltd.
14th Floor, Shakti Bhawan Extn., Lucknow
GST Reg. No.- 09AAACU4749DZ29

Jan-23
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)/2023-01/01A

Bill No. : 13/02/2023

Bill Date : 30 Days from the billing date

Due Date : (i) MYT Additional Submission-4 dated 02.06.2022 in UPERC related to 1x660 MW Harduaganj Ext-II.

(ii) UPERC Gen Reg. 19 Dt. 11.09.2019

(iii) PPA for 1x660 MW Harduaganj Ext-II TPS.

Provisional Main Energy Bill of Harduaganj Ext-II (1x660 MW) of UPRVUNL to UPPCL

Name of Thermal Power Station	Plant capacity (MW)	No. of Month	Cum. Plant Availability		Total capacity charges as per Petition with RoE @ 2% (Rs. Crs)	Percentage to be recovered	Capacity charges (Fixed Charges)		Amount of capacity charges payable for the month (Rs. Crs)	Scheduled Generation by SLDC/ Energy Sent Out by Plants (MUE)	Energy Charges (E.C)		Total Amount
			Target by UPERC	Actual till current month w.e.d April 2022			Amount of annual capacity charges corresponding to Column 6 (ACC2) (Rs. Crs)	7-(Col 5X3)/100			Rate of Energy Charges (REC) (Rs/Cwh)	Total Energy Charges (Rs. Crs)	
Harduaganj Ext-II (1x660 MW)	660	10	85	68.88	979.34	81.04	793.6571360	47.4082172	205.7818625	9	10	11-(Col 9X10)/10	47.4082172
Total Amount Payable											Rs Crs.	47.4082172	

(Rs Forty seven crore, forty lacs, eighty two thousand, one hundred and seventy 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 n month: (nxAACCn-(n-1)xACCn-1)/12

Annual Capacity Charge for FY 2022-23 as per Petition submitted in UPERC with additional submission-4 on RoE @ 15% is Rs 1211.17 Cr, while claimed Annual Capacity Charge is Rs 979.34 Cr on RoE @ 2%. The calculation sheet from consulting firm M/s Percept 360 Consulting Ltd. Lucknow is attached herewith.

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 Grover
(Saurabh Grover)
EA (Commnl.)

Manoj Kumar
(Manoj Kumar)
AE (Commnl.)

Goga Pandey
(Goga Pandey)
Accountant

Khyati Singh
(Khyati Singh)
Accounts officer

Manoj Kumar
(Manoj Kumar)
AE (Commnl.)

Abhinav
(Abhinav)
EE (Commnl.)

Cumulative Availability for FY 2022-23 of UPRVUNL Thermal Power Stations

Month	Days	Cumulative Days	6.40 AUNx			6.55 AUNx			6.25 AUNx			6.25 AUNx			6.25 AUNx			6.25 AUNx			6.25 AUNx			6.25 AUNx									
			Declared Cap.(MW)	Cum Decl. Cap.(MW)	Avg (%)	Declared Cap.(MW)	Cum Decl. Cap.(MW)	Avg (%)	Declared Cap.(MW)	Cum Decl. Cap.(MW)	Avg (%)	Declared Cap.(MW)	Cum Decl. Cap.(MW)	Avg (%)	Declared Cap.(MW)	Cum Decl. Cap.(MW)	Avg (%)	Declared Cap.(MW)	Cum Decl. Cap.(MW)	Avg (%)	Declared Cap.(MW)	Cum Decl. Cap.(MW)	Avg (%)	Declared Cap.(MW)	Cum Decl. Cap.(MW)	Avg (%)	Declared Cap.(MW)	Cum Decl. Cap.(MW)	Avg (%)	Declared Cap.(MW)	Cum Decl. Cap.(MW)	Avg (%)	
Apr-22	30	30	304.136500	12672	73.28	615.939500	25664	91.54	667.302250	27804	98.86	445.412000	18559	91.54	667.302250	27804	98.86	445.412000	18559	91.54	667.302250	27804	98.86	445.412000	18559	91.54	667.302250	27804	98.86	445.412000	18559	91.54	
May-22	31	61	370.263000	15428	80.86	628.199000	26175	91.19	674.478500	28103	95.04	460.921000	19205	95.04	674.478500	28103	95.04	460.921000	19205	95.04	674.478500	28103	95.04	460.921000	19205	95.04	674.478500	28103	95.04	460.921000	19205	95.04	
Jun-22	30	91	337.162750	14048	80.29	643.682500	26820	91.92	664.097500	27671	92.14	427.211500	17800	92.14	664.097500	27671	92.14	427.211500	17800	92.14	664.097500	27671	92.14	427.211500	17800	92.14	664.097500	27671	92.14	427.211500	17800	92.14	
Jul-22	31	122	350.530500	14605	80.64	584.197000	24342	91.27	655.786750	27324	92.14	450.077000	18753	92.14	655.786750	27324	92.14	450.077000	18753	92.14	655.786750	27324	92.14	450.077000	18753	92.14	655.786750	27324	92.14	450.077000	18753	92.14	
Aug-22	31	153	355.973750	13999	80.58	619.262250	25803	91.92	655.786750	27324	92.14	431.930750	17997	92.14	655.786750	27324	92.14	431.930750	17997	92.14	655.786750	27324	92.14	431.930750	17997	92.14	655.786750	27324	92.14	431.930750	17997	92.14	
Sep-22	30	183	357.293750	14883	81.02	626.920500	26122	91.11	655.786750	27324	92.14	431.930750	17997	92.14	626.920500	26122	91.11	655.786750	27324	92.14	626.920500	26122	91.11	655.786750	27324	92.14	626.920500	26122	91.11	655.786750	27324	92.14	
Oct-22	31	214	337.529250	14064	81.06	285.993000	11916	94.12	655.786750	27324	92.14	431.930750	17997	94.12	337.529250	14064	81.06	285.993000	11916	94.12	655.786750	27324	92.14	431.930750	17997	94.12	337.529250	14064	81.06	285.993000	11916	94.12	
Nov-22	30	244	374.682250	15612	129627	81.77	325.978250	13582	207704	80.82	612.585625	25524	96.29	496.830750	20701	96.29	325.978250	13582	207704	80.82	612.585625	25524	96.29	496.830750	20701	96.29	325.978250	13582	207704	80.82	612.585625	25524	96.29
Dec-22	31	275	241.197250	10050	139677	79.18	330.925250	13789	221493	77.46	652.814875	27201	96.01	470.045000	20701	96.01	241.197250	10050	139677	79.18	330.925250	13789	221493	77.46	652.814875	27201	96.01	470.045000	20701	96.01			
Jan-23	31	306																															
Feb-23	28	334																															
Mar-23	31	365																															
Total																																	

Cummulative Availability (%) = 10000 x DC_t / (N x DC_t (100-AUNx)%)
 DC_t - Average declared capacity for the "t" day of the period in MW.
 N - Number of days during the period.
 AUNx - Normative Auxiliary Energy Consumption as a percentage of gross generation.

SG up to Month: 2593.730175 MU
 DC up to Month: 31472405800 MU
 Availability has 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 Tariff) Regulations-2019, dt. 11.09.2019.

AE (Comml.)
Manoj Kumar
 EE (Comml.)
Abhinav
 EE (Comml.)

Office of Chief Engineer
Commercial Unit



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

cecommercialunl@gmail.com

No. 98 /UNL/CE(Comm.)/FCA/FY (2022-23)

Date: 28, February, 2023

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

Subject: Provisional Bill of FCA/Energy Charges of various TPS of UPRVUNL for January -2023.

The Provisional Bill of Fuel Cost Adjustment (FCA)/Energy Charges 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 **January-2023**, is being enclosed herewith for payment:-

(1) FCA Bill No.:-UNL/FCA/2023-01/02, dt. 28.02.2023

185.7787733 Crs

(Rs One hundred and eighty five crore, seventy seven lacs, eighty seven thousand, seven hundred and thirty three 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. 28.02.2023 of Harduaganj Thermal Power Project.

Encl.: As above.

Manoj Kumar
AR

AS

Ashok Kumar Seth

(Ashok Kumar Seth)

Chief Engineer (Commercial)

No. 98 /UNL/CE(Comm.)/FCA/FY (2022-23)

Date: 28, February, 2023

Copy forwarded to the following for their kind information :-

1. PS to Managing Director, UPRVUNL, 7th floor, Shakti Bhawan, Lucknow.
2. Director (Project & Comm.), 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 following for their kind information & necessary action :-

1. Chief Engineer (TO/Fuel), UPRVUNL, 14th floor, Shakti Bhawan Extn, Lucknow.
2. Chief Engineer (L-1), UPRVUNL, Anpara, Obra, Parichha, Harduaganj Projects.
3. Dy General Manager (F&A), UPRVUNL, 8th floor, Shakti Bhawan Extn, Lucknow.
4. Dy CAO (Finance), UPRVUNL, 8th floor, Shakti Bhawan Extn, Lucknow.
5. Chief Manager (F&A) CMU, UPRVUNL, 7th floor, Shakti Bhawan Extn, Lucknow.
6. Accounts Officer (Accounts), UPRVUNL, 9th floor, Shakti Bhawan Extn, Lucknow.

Manoj Kumar
AR

AS

Ashok Kumar Seth

(Ashok Kumar Seth)

Chief Engineer (Commercial)

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

GST Reg. No.- 09AAAACU4749D2Z9

January, 2023
U.P. Power Corporation Ltd.
Shakti Bhawan, Extn.
14, Ashok Marg, Lucknow
09AAAACU5088M4ZM

UNL/FCA/2023-01/02

28/02/2023

30 Days from the billing date

(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)

(iv) MYT Additional submission-4 dated 02.06.2022 in UPERC related to 1x660 MW Harduaganj Ext-II.

(v) PPA for various Thermal Power Stations.

Provisional Fuel Cost Adjustment/Energy Charges 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	Harduaganj Extn.	Harduaganj Extn.-II	Pari Extn. U#3&4	Pari Extn. Stage-2 U#5&6	Harduaganj U#7	Total
A	Energy Exported & Billed (ESO)	ESD	Mt	U#1,2&3 230.3730500	U#4&5 322.8058900	U#6&7 633.7237600	U#9 to 13 451.1394275	U#8&9 118.3566050	U#660 MW 205.781863	125.9606000	234.6613550	34.3428450	2357.1453950
B	Normative Operating Parameters												
B	Gross Station Heat Rate (GSTR)	H	Kcal/Kwh	2430	2390	2374	2755	2430	2081	2430	2430	2625	
C	Sp. Oil Cons.	Qsm	ml/Kwh	0.50	0.50	0.50	2.10	0.50	0.5	0.50	0.50	2.50	
D	Auxiliary Energy Consumption	AUXn	%	8.50	6.55	6.25	9.70	9.00	6.25	9.00	9.00	9.50	
E	Fuel Data for the month												
E	Price of Primary fuel (Coal)	Pp	Rs. Kg	2.34937	2.37753	2.39336	2.54048	5.06231	5.05352	4.88877	4.88877	4.97244	
F	Price of Secondary fuel (Oil)	Ps	Rs. ml	0.09991350	0.09991350	0.09991350	0.09473302	0.06240454	0.07241959	0.07278476	0.07278476	0.06240454	
G	Gross Calorific Value of Primary fuel (Coal)	Cp	Kcal/Kg	3175.00	3703.00	3618.00	3445.00	3453.00	3621.00	3407.07	3407.07	3506.00	
H	Gross Calorific Value of Secondary fuel (oil)	Cs	Kcal/Lit	8900.82	8900.82	8900.82	9112.00	10570.00	10570.00	9404.57	9404.57	10570.00	
I	Gross Calorific Value of variation during storage (Cp - Cs)	Cp	Kcal/Kg	3090.00	3618.00	3533.00	3360.00	3368.00	3536.00	3322.07	3322.07	3421.00	
J	Formula of ECR	ECR	Rs. Kwh	8900.82	8900.82	8900.82	9112.00	10570.00	10570.00	9404.57	9404.57	10570.00	
K	Energy Charge Rate for the month (ECR)	ECR1	Rs. Kwh	2.0701	1.7310	1.7655	2.5111	4.0392	3.2029	3.9621	3.9621	4.3459	
L	Already claimed energy charge rate (ECR1)	ECR2	Rs. Kwh	1.8700	1.6200	1.4400	1.5200	2.6700	3.2100	3.2100	3.2100	3.4700	
M	Diff in ECR (J-K)		Rs. Kwh	0.2001	0.1110	0.3255	0.9911	1.3692	3.2029	0.7521	0.7521	0.8759	
	Amt. of Energy Charge due to variation in fuel data (ASL)/10		Rs. Cts	4.6097647	3.5831454	20.6277084	44.7124287	16.2053864	65.9098727	9.4734967	17.6488805	3.0080898	185.7787733

Total Amount Payable (Cr)

185.7787733

(Rs One hundred and eighty five crore, seventy seven lacs, eighty seven thousand, seven hundred and thirty three only)

Normative Parameters have been taken as per UPERC (Terms & Conditions of Generation Tariff) Regulations-2019, dt. 11.09.2019 for various Thermal Power Stations 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
(Saurabh Grover)
EA (Commnl.)

Manoj Kumar
(Manoj Kumar)
AE (Commnl.)

Khyati Singh
(Khyati Singh)
Accounts Officer

Manoj Kumar
(Manoj Kumar)
AE (Commnl.)

Abhishek Srivastava
(Abhishek Srivastava)
EE (Commnl.)