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

cecommercialunl@gmail.com

No. 21 /UNL/CE(Comml.)/Energy Bill/FY (2022-23)

Date: 10, January- 2023

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-2022.**

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-2022** as detailed below, is being enclosed for payment:-

Main Bill No.:- UNL/Energy Bill(SG/ESO)/2022-12/01, dt. 10.01.2023 **708.7528527 Crs**

**(Rs Seven hundred and eight crore, seventy five lacs, twenty eight thousand, five hundred and twenty seven 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. 09.01.2023 for Obra TPS.

Encl.: As above.

*(Signature)*  
*(Signature)* 10.01.23  
*(Signature)* etc  
*(Signature)* 10/1/23  
(Ashok Kumar Seth)  
Chief Engineer (Commercial)

No. 21 /UNL/CE(Comml.)/Energy Bill/FY (2022-23)

Date: 10, January- 2023

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

*(Signature)*  
*(Signature)* 10.01.23  
*(Signature)* etc  
*(Signature)* 10/1/23  
(Ashok Kumar Seth)  
Chief Engineer (Commercial)

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

Dec-22  
 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)/2022-12/01

Bill No. : 1001-2023

Bill Date : 30 Days from the billing date

Due Date : (i) UPERC Tariff Order Dt.29.04.2016 & 18.01.2017

Reference:- (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 Extn & Harduaganj (U#7).**

Name of Thermal Power Station	Approved Plant capacity as per UPERC T.O. (MW)	No. of Months w.e.f April 2022		Cum Plant Availability		Total capacity charges approved by UPERC (Rs. Crs)	Percentage to be recovered (6#)	Capacity charges (Fixed Charges)		Amount of capacity charges payable for the month (Rs. Crs) 8###	Scheduled Generation by SLDC Energy Sent Out by Plants (MU) 9	Energy Charges (E.C)		Total Amount Capacity Charges Energy Charges (Rs. Crs) 12=(Col 8+11)
		Target by UPERC	Actual till current month w.e.f April 2022	(%) 3	(%) 4#			Amount of annual capacity charges corresponding to Column 6 (ACCC) (Rs. Crs) 7=(Col 5*9)/100	Rate of Energy Charges (RE/C) (Rs/kwh) 10			Total Energy Charges (Rs. Crs) 11=(Col 9*10)/10		
Anpara 'A'	630	9	85	81.77	306.96	96.20	295.2955200	14.2958947	357.828735	315.1728700	1.87	66.9139734	93.2409094	
Anpara 'B'	1000	9	85	80.82	307.88	95.08	292.7325040	14.2958947	315.1728700	315.1728700	1.62	51.0580049	65.3538996	
Anpara 'D'	1000	9	85	96.29	1088.75	100.00	1088.7500000	90.7291667	593.570605	593.570605	1.44	85.4741671	176.2033338	
Obra 'B'	1000	9	80	70.53	421.89	88.16	371.9382240	36.2825400	502.1090025	502.1090025	1.52	76.3357684	112.6183084	
Harduaganj Extn	500	9	85	91.04	532.38	100.00	532.3800000	44.3650000	65.2956325	65.2956325	2.67	17.4339339	61.7989339	
Parichha Extn	420	9	85	85.23	333.66	100.00	333.6600000	30.3630600	211.1878500	211.1878500	3.21	67.7912999	98.1543599	
Parichha Extn-H	500	9	85	78.68	498.79	92.56	461.6800240	33.0864033	179.7210275	179.7210275	3.21	57.6904498	90.7768531	
Harduaganj (U#7)	105	9	65	66.10	78.98	100.00	78.9800000	8.8036373	5.1948625	5.1948625	3.47	1.8026173	10.6062546	
	5155				3569.29		3455.4160720	284.2526380	2230.1805850	2230.1805850		424.5002147	708.7528527	

**Total Amount Payable (Rs. Seven hundred and eight crore, seventy five lacs, twenty eight thousand, five hundred and twenty seven only )**  
 Rs Crs. 708.7528527

# From Cumulative Availability Sheet

## Column No. 6 - If Col No. 4 is less than Col No.3, then (Col No.4/Col No. 3)\*100% else 100%

### Column No. 8 - Computed as per UPERC Generation Regulation 2019, dt. 11.09.2019 para 25, for n month=(n\*ACCCn)/(ACCCn+1)/2

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/EIE&PC/UPRVUNL-U-4, dt. 03.03.2018 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

*(Signature)*  
 (Saurabh Grover)  
 EA (Comml)

*(Signature)*  
 (Raj Kumar Verma)  
 AE (Comml)

*(Signature)*  
 (Goga Pandey)  
 Accountant

*(Signature)*  
 (Khyati Singh)  
 Accounts officer

*(Signature)*  
 (Raj Kumar Verma)  
 AE (Comml)

*(Signature)*  
 (Ritu Singh)  
 EE (Comml)

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

Month	Days	Cum. Days N	6.30 MW/Aurangabad				6.55 MW/Aurangabad				10.00 MW/Aurangabad				6.35 MW/Aurangabad				10.00 MW/Aurangabad				5.200 MW/Ohra			
			Declared Cap.(MW)	Cum.Decl. Cap.(MW)	Av (%)	Cum Av (%)	Declared Cap.(MW)	Cum.Decl. Cap.(MW)	Av (%)	Cum Av (%)	Declared Cap.(MW)	Cum.Decl. Cap.(MW)	Av (%)	Cum Av (%)	Declared Cap.(MW)	Cum.Decl. Cap.(MW)	Av (%)	Cum Av (%)	Declared Cap.(MW)	Cum.Decl. Cap.(MW)	Av (%)	Cum Av (%)	Declared Cap.(MW)	Cum.Decl. Cap.(MW)	Av (%)	Cum Av (%)
Apr-22	30	30	304	136500	12672	73.28	615	939500	25664	91.54	667	302250	27804	98.86	445	412000	18559	68.51	19205	460	921000	19205	37764	68.56		
May-22	31	61	370	263000	15428	28.10	79.91	654	728500	27280	52944	92.88	686	844875	28619	56423	98.66	460	921000	19205	37764	68.56				
Jun-22	30	91	343	593750	14316	42416	80.86	628	199000	26175	79119	93.04	674	478500	28103	84526	99.08	427	11500	17800	55364	67.62				
Jul-22	31	122	337	162750	14048	56464	80.29	643	682500	26820	105939	92.92	664	697500	27671	112197	98.10	450	67000	18753	74317	67.46				
Aug-22	31	153	350	530500	14605	71069	80.58	619	262250	25803	131742	92.14	655	786750	27324	139521	97.27	383	930750	15907	903114	65.37				
Sep-22	30	183	335	937375	13999	85068	80.64	584	197000	24342	156084	91.27	630	627750	26276	165797	96.64	412	122750	18005	108319	65.55				
Oct-22	31	214	357	203750	14883	99951	81.02	626	920500	26122	182206	91.11	691	621000	28793	194590	96.99	554	904500	23121	131440	68.02				
Nov-22	30	244	337	529250	14064	114015	81.06	285	993000	11916	194122	85.13	674	802750	28121	222711	97.36	495	356500	20640	152080	69.02				
Dec-22	31	275	374	682250	15612	129627	81.77	325	978250	13582	207704	80.82	612	585625	25524	248235	96.29	553	638250	23068	175148	70.53				
Jan-23	31	306																								
Feb-23	28	334																								
Mar-23	31	365																								
<b>Total</b>																										

Month	Days	Cum. Days	5.00 MW/Hardwar				6.35 MW/Hardwar				2.00 MW/Hardwar				9.00 MW/Hardwar				1.00 MW/Hardwar				9.50 MW/Hardwar				
			Declared Cap.(MW)	Cum.Decl. Cap.(MW)	Av (%)	Cum Av (%)	Declared Cap.(MW)	Cum.Decl. Cap.(MW)	Av (%)	Cum Av (%)	Declared Cap.(MW)	Cum.Decl. Cap.(MW)	Av (%)	Cum Av (%)	Declared Cap.(MW)	Cum.Decl. Cap.(MW)	Av (%)	Cum Av (%)	Declared Cap.(MW)	Cum.Decl. Cap.(MW)	Av (%)	Cum Av (%)	Declared Cap.(MW)	Cum.Decl. Cap.(MW)	Av (%)	Cum Av (%)	
Apr-22	30	30	311	891250	12995	12995	95.20	235	881478	9828	9828	52.95	169	982190	7083	7083	61.77	241	409285	10059	10059	941	941	33.01			
May-22	31	61	332	640000	13860	26855	96.76	416	4340625	17351	271779	72.01	283	630235	11818	18901	81.07	335	921135	13907	24056	86.67	55	764065	2324	3265	56.33
Jun-22	30	91	319	605625	13317	40172	97.02	397	8675625	16578	43757	77.71	227	549780	9481	28382	81.60	274	5171925	11438	35494	85.72	35	668870	1486	4751	54.94
Jul-22	31	122	311	146125	12964	53136	95.72	354	154145	14756	58513	77.51	214	4356175	8935	37317	80.03	261	692375	10904	46398	83.58	39	695665	1654	6405	55.25
Aug-22	31	153	332	444375	13835	66971	96.20	240	803435	10033	68546	72.41	265	578100	10941	48258	82.53	298	941750	12456	58854	84.54	61	481735	2562	8967	61.68
Sep-22	30	183	297	153725	12381	79352	95.30	249	268250	10386	78932	69.71	207	954260	8665	56923	81.39	244	553300	10190	69044	82.92	33	161805	1382	10349	59.51
Oct-22	31	214	334	946875	13956	93308	95.83	371	268875	15470	94402	71.29	265	599200	11067	67990	83.13	330	837000	13785	82829	85.07	29	646340	1235	11584	56.96
Nov-22	30	244	327	600000	13650	106958	96.34	366	885465	15287	109689	72.65	248	640425	10360	78350	84.02	144	911875	6038	88867	80.05	68	414400	2851	14135	62.26
Dec-22	31	275	167	026875	6959	113917	91.04	268	878550	11203	120892	71.95	269	600500	11233	89583	85.23	229	838000	9577	98444	78.68	68	092775	2837	17272	66.10
Jan-23	31	306																									
Feb-23	28	334																									
Mar-23	31	365																									
<b>Total</b>																											

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

DC up to Month: 2819.766875 MU  
 Availability have been calculated as per new Auxiliary Consumption Norms w.e.f. 01.04.2019 for MVT 2019-24 as per UPERC (Terms & Conditions for Generation Tariff) Regulations-2019, dt. 11.09.2019.  
 SG up to Month: 2526.884725 MU

*Saurabh*  
 EA (Comml.)

*(Signature)*  
 AE (Comml.)

*(Signature)*  
 EE (Comml.)

38

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

cecommercialunl@gmail.com

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

Date: 10, January- 2023

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

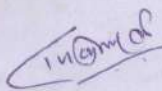
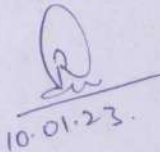
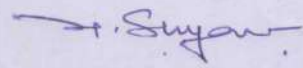

**Subject: Provisional Main Energy Bill of 1x660 MW Harduaganj Ext-II TPS for the month December-2022.**

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 **December-2022** as detailed below, is being enclosed for payment:-

Main Bill No.:- UNL/Energy Bill(SG/ESO)/2022-12/01A, dt. 10.01.2023 **Rs 55.9447975 Crs**  
**(Rs Fifty five crore, ninety four lacs, forty seven thousand, nine hundred and seventy five 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.

  
  
10.01.23.   
  
(Ashok Kumar Seth)  
Chief Engineer (Commercial)  
Date: 10, January- 2023

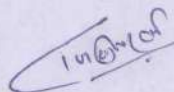

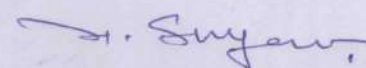
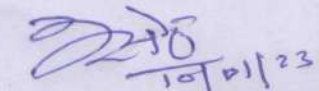
No.23 /UNL/CE(Comml.)/Energy Bill/FY (2022-23)

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 following for their kind information & necessary action :-

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

  
  
10.01.23.   
  
(Ashok Kumar Seth)  
Chief Engineer (Commercial)

U.P. Rajya Vidyut Utpadan Nigam Ltd.  
14th Floor, Shakti Bhawan Extn., Lucknow  
GST Reg. No.- 09AAAACU4749DZ29

Dec-22  
U.P. Power Corporation Ltd.  
Shakti Bhawan, Extn.  
14, Ashok Marg, Lucknow  
09AAAACU5088M4ZM

UNL Energy Bill (SG/ESO)/2022-12/01A  
Bill No. : 1001203  
30 Days from the billing 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		Capacity charges (Fixed Charges)		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
			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) (Rs. Crs)			Rate of Energy Charges (REC) (Rs./kwh)	Total Energy Charges (Rs. Crs)	
Harduaganj Ext-II (1x660 MW)	660	9	85	71.05	83.59	818.6303060	55.9447975	220.276390	10	Rs. Crs.	55.9447975
<p>Bill of Energy charges will be sent as actual after receipt of CA certified Fuel data from Plant for the month</p>											Rs Crs.
<p>Total Amount Payable</p>											55.9447975

# 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)-(nXACCn-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 Percpt 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 (Comm.)

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

Goga Pandey  
(Goga Pandey)  
Accountant

Khyati Singh  
(Khyati Singh)  
Accounts officer

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

Ritu Singh  
(Ritu Singh)  
EE (Comm.)



39

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Commercial Unit



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14<sup>th</sup> Floor, Shakti bhawan Extn.  
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Tel No.- 0522-2288056 / 2287030  
CIN : U 40101UP1980SGC005065  
gm.commercial@uprvunl.org

cecommercialunl@gmail.com

No. 62 /UNL/CE(Comm.)/FCA/FY (2022-23)

Date: 30, January, 2023

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/Energy Charges of various TPS of UPRVUNL for December -2022.

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 **December-2022**, is being enclosed herewith for payment:-

(1) FCA Bill No.:-UNL/FCA/2022-12/02, dt. 30.01.2023

**196.5605017 Crs**

**(Rs One hundred and ninety six crore, fifty six lacs, five thousand and seventeen 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. 30.01.2023 of Harduaganj Thermal Power Project.

Encl.: As above.

Manoj Kumar  
AE

30.01.23.

30.01.2023  
(Hari Shyam)

O/C Superintending Engineer (Commercial)

No. 62 /UNL/CE(Comm.)/FCA/FY (2022-23)

Date: 30, January, 2023

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 (Technical), UPRVUNL, 8<sup>th</sup> floor, Shakti Bhawan Extn, Lucknow.
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Copy forwarded to the following for their kind information & necessary action :-

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

Manoj Kumar  
AE

30.01.23.

30.01.2023  
(Hari Shyam)

O/C Superintending Engineer (Commercial)

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

GST Reg. No.- 09AAACU4749D2Z9

December, 2022  
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:

UNL/FCA/2022-12/02

30/01/2023

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 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	Harduaganj Extn.	Harduaganj Extn.-II	Pari Extn. U#3&4	Pari Extn. Stage-2 U#5&6	Harduaganj U#7	Total
A	Unit No.	ESO	MU	357.8287350	315.1728700	593.5700050	502.2090025	65.2956325	220.276390	211.1878500	179.7210275	5.1948625	2450.4569750
B	Energy Exported & Billed (ESO)	H	Kcal/Kwh	2430	2390	2374	2755	2430	2081	2430	2430	2625	
C	Normative Operating Parameters	(Q <sub>3n</sub> )	ml/Kwh	0.50	0.50	0.50	2.10	0.50	0.5	0.50	0.50	2.50	
D	Gross Station Heat Rate (GSHR)	AUXn	%	8.50	6.55	6.25	9.70	9.00	6.25	9.00	9.00	9.50	
E	Auxiliary Energy Consumption												
F	Fuel Data for the month												
G	Price of Primary fuel (Coal)	Pp	Rs. Kg	2.40568	2.40860	2.40618	2.67779	5.03354	4.98504	4.67802	4.67802	4.69566	
H	Price of Secondary fuel (Oil)	Pv	Rs./ml	0.09991350	0.09991350	0.09991350	0.09472576	0.08317254	0.08360219	0.07278476	0.07278476	0.08317254	
I	Gross Calorific Value of Primary fuel (Coal)	Cp	Kcal/Kg	3218.00	3701.00	3621.00	3441.00	3409.00	3648.00	3257.51	3257.51	3419.00	
J	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	
K	Formula of ECR	ECR	Rs./Kwh	2.0901	1.7538	1.7732	2.6378	4.0806	3.1424	3.9699	3.9699	4.2738	
L	Energy Charge Rate for the month (ECR)	ECR1	Rs./Kwh	1.8700	1.6200	1.4400	1.5200	2.6700	3.2100	3.2100	3.2100	3.4700	
M	Already claimed energy charge rate (ECR1)	ECR2	Rs./Kwh	0.2201	0.1338	0.3332	1.1178	1.4106	3.1424	0.7599	0.7599	0.8038	
N	Diff in ECR (J-K)												
O	Amt. of Energy Charge due to variation in fuel data (AxL)/10		Rs.Crs	7.8758105	4.2170130	19.7777726	56.1369223	9.2106019	69.2196528	16.0481647	13.6570009	0.4175630	196.5605017

Total Amount Payable (Cr)

196.5605017

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  
EA (Comml.)

Manoj Kumar  
(Manoj Kumar)  
AE (Comml.)

Goga Pandey  
Accountant

(Khyati Singh)  
Accounts Officer

Manoj Kumar  
(Manoj Kumar)  
AE (Comml.)

30.01.23  
(Ritu Singh)  
EE (Comml.)