

Ref No: Invoice RPSCL/2022-23/07

05th Nov 2022

The Superintending Engineer
Electricity Import, Export and Payment Circle
UP Power Corporation Limited
11th Floor, Shakti Bhawan Extn.
14, Ashok Marg, Lucknow 226 001

Sub: Provisional Invoice towards the supply of Power from Rosa Power Project

Ref: UPERC order dated 22.08.2017 and 25.04.2018

Dear Sir,

We enclose herewith provisional invoice no. Rosa TPP/ 2022-23/Invoice/07 for the month of **Oct 2022** issued on the basis of UPERC order dated 22.08.2017 and 25.04.2018.

Please note that the present invoice is without prejudice to any of our claims, rights and entitlements under PPA and law all of which are specifically reserved.

Thanking you

For Rosa Power Supply Company Ltd

Aim
(Siddhanta Shekhawat)
Authorized Signatory

Enclosures: As above

CC: The Executive Director (F&A), UPPCL Lucknow

Govind
05/11/22
ब्राह्मणकुटी
विद्युत वितरण एवं पुरवठा
कीर्ति नगर विभाग

Rosa Power Supply Company Ltd.

Administrative Block, Hardoi Road PO Rausar Kothi, Tehsil Sadar, District Shahjahanpur 242406
 GSTIN: 09AABCR8917MIZR, PAN: AABCR8917M

Ref No. - Rosa TPP/2022-23/Invoice/07

Billing Period: Oct 2022

Nature of Bill: Monthly Invoice for Recovery of Fixed and Variable Charges

Bill Date 5/Nov/2022

Due Date 5/Dec/2022

To,

The Superintending Engineer, Electricity Import, Export and Payment Circle
 Uttar Pradesh Power Corporation Ltd, Shakti Bhawan

14, Ashok Marg, Lucknow - 226 001

PAN : AAACU5088M

Without Prejudice
 Invoice Rosa TPP

Subject: Invoice for Charges Payable by UPPCL for the month of Oct 2022

Reference: Amended and Reinstated Power Purchase Agreement (PPA) dated 12.11.2006 and all its amendments
 UPERC Order dated 28.03.2011 approving Multi-Year Tariff of Rosa TPP (Stage I)

UPERC Order dated 22.08.2017 approving Multi-Year Tariff of Rosa TPP

UPERC Order dated 25.04.2018 approving Multi-Year Tariff of Rosa TPP

Details of Charges Payable by UPPCL During The Billing Period

S. No.	Description	Energy	Amount	Source
		(kWh)	(Rs.)	
1	Total Fixed Charges Payable by UPPCL for the Billing Period	739,135,420	1,057,858,333	Fixed Charges Details (Annexure 1)
2	Total Variable Charges Payable by UPPCL for the Billing Period	541,239,785	1,628,661,927	Variable Charges Details (Annexure 2)
3	Total Amount Payable by UPPCL for the Billing Period		2,686,520,261	

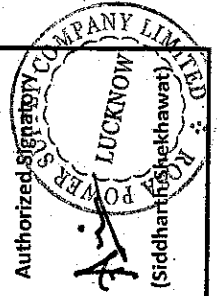
Amount in Words : Rupees Two Hundred Sixty Eight Crores Sixty Five Lacs Twenty Thousand Two Hundred and Sixty One Only

Note:

- Payments shall be made in the favour of Rosa Power Supply Company Ltd, A/c No : 126103000001359, (DBI Bank Cuffe Parade WTC Branch, IFSC Code: IBKL0000126)

Annexures:

- Details of fixed charges recoverable during the billing period
- Details of variable charges recoverable during the billing period
- Details of Declared Capacity and Scheduled Generation as per Schedule Issued by UP SLDC
- Details of Adjustment in VC for the month of Aug 2022 due to revised GCV on CIMR Values



Rosa TPP

Billing Period: Oct 2022

Annexure 1

Details of Fixed Charges Payable by UPPCL		Units	Value	Source
S. No.	Description		October-22	
1	Energy as per Declared Capacity of the Billing Period for Phase I (As per the DC issued by RPSCL)	kWh	362,648,885	Annexure 3
2	Energy as per Declared Capacity of the Billing Period for Phase II (As per the DC issued by RPSCL)	kWh	376,486,535	Annexure 3
3	Total Energy Considered for Fixed Charges Calculation	kWh	739,135,420	(3 = 1 + 2)
4	No. of Days in Billing Period	Days	31	
5	Availability Factor for the Billing Period	%	90.48%	
6	Annual Fixed Charges approved by UPERC for FY 2018-19	(Rs)	12,694,300,000	Suo-motu order on applicability of UPERC GR14 Dated 18/07/2022
7	Monthly Fixed Charges	(Rs)	1,057,858,333	
8	Cumulative Fixed Charges Year Till End of Billing Period	(Rs)	7,405,008,333	
9	Cumulative energy as per Declared Capacity Year Till End of Billing Period	kWh	4,858,346,045	
10	Days in the current tariff year	Days	214	
11	Cumulative Availability as per Declared Capacity Year Till End of Billing Period	%	86.15%	
12	Cumulative Fixed Charges recoverable Year Till End of Billing Period	(Rs)	7,405,008,333	
13	Fixed Charges already billed Till Date	(Rs)	6,347,150,000	
14	Fixed Charges recoverable in this bill	(Rs)	1,057,858,333	

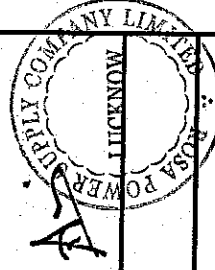
Note:

1) The invoice towards Deemed Energy due to grid disturbance/transmission line tripping and incentive will be raised separately.

Formula For Availability
Calculation

Declared Capacity

1200 X 24 X (No. of Days) X (100% - %Auxiliary Consumption) X 1000



Details of Variable Charges Payable by UPPCL During The Billing Period

Description		Units	Value	Source
1	Scheduled Energy For Rosa TPP Phase I (As per the schedule issued by UP SLDC)	kWh	269,195,085	Annexure 3
2	Scheduled Energy For Rosa TPP Phase II (As per the schedule issued by UP SLDC)	kWh	272,044,700	Annexure 3
3	Total Scheduled Energy for the Station	kWh	541,239,785	
4	Energy Charge Rate (ECR)	(Rs)	3.062	Table: Energy Charge
5	Total Variable Charges calculated for the billing period	(Rs)	1,657,276,222	
6	VC Adjustment on account of CIMFR GCV Values (unloading end) - Aug'22	(Rs)	-28,614,294	Annexure 4
7	Total Variable Charges Recoverable during the billing period (5+6)	(Rs)	1,628,661,927	
8	Effective ECR for the Billing Period	(Rs)	3.009	

Energy Charge Calculation

Description	Formula	Units	Value	Remarks
1 Average per unit primary fuel cost	LPPF	Rs/Kg	4.30879	Annexure 2A
2 Scheduled Energy (As per schedule issued by UP SLDC)	SG	kWh	541239785	Schedule issued by UPPCL
3 Auxiliary Consumption (for Electrically driven boiler feed pump and induced draft cooling tower)	Aux	%	8.50%	As per Generation Regulation 2019
4 Normative Gross Station Heat Rate	GSHR	kCal/kWh	2430	As per UPERC Generation Tariff Regulation 2019
5 Weighted Average As Received GCV of Primary fuel	CVPF	kCal/kg	3788	Annexure 2A
6 Average GCV of Secondary fuel	CVSF	kCal/ml	9.3882	Monthly Average (Annexure 2B)
7 Normative specific fuel oil consumption	SFC	ml/kWh	0.50	As per UPERC Generation Tariff Regulation 2019
8 Average per unit secondary fuel cost	LPSFI	Rs/ ml	0.08671494	Annexure 2B
9 Energy Charge Rate (ECR)	$\{(GSHR-SFC \times CVSF) \times LPPF / CVPF + SFC \times LPSFI + LC \times LPL\} \times 100 / (100-Aux)$	Rs	3.062	Calculated as per formula in Generation Regulation 2019

Note:

ECR is calculated considering weighted average As Received GCV of Primary fuel in KCal/Kg less 85KCal/Kg on account of variation during storage and CV of Secondary fuel in KCal/ml as per UPERC tariff regulation 2019.

Annexures:

- 2A Details of Primary Fuel
- 2B Details of Secondary Fuel
- 2C Fuel Test Certificates

