

RELIANCE

**Rosa Power Supply
Company Limited**

CIN: U31101MH1994PLC243148

520 F, Kasmanda House,
2-Park Road, Hazratganj,
Lucknow 226 001

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Ref No: Invoice RPSCL/2020-21/06

03rd Oct 2020

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,

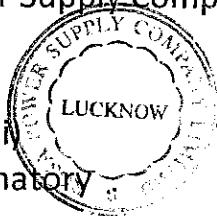
We enclose herewith provisional invoice no. Rosa TPP/ 2020-21/Invoice/06 for the month of **September 2020** issued on the basis of UPERC order dated 22.08.2017 and 25.04.2018.

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

(Sumeet Notani)
Authorized Signatory



Enclosures: As above

CC: The Executive Director (Finance), UPPCL Lucknow

Sumeet Notani
03/10/2020

Rosa Power Supply Company Ltd.

Administrative Block, Hardoi Road PO Rausar Kothi, Tehsil Sadar, District Shahjahanpur 242406

GSTIN: 09AABCR8917M1ZR, PAN: AABCR8917M

Ref No. - Rosa TPP/2020-21/Invoice/06

Bill Date 3/Oct/2020

Billing Period: Sept 2020

Due Date 2/Nov/2020

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

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 Sept 2020

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	790,560,000	1,057,858,333	Fixed Charges Details (Annexure 1)
2	Total Variable Charges Payable by UPPCL for the Billing Period	674,899,600	1,966,192,179	Variable Charges Details (Annexure 2)
3	Tax collection at Source (TCS) (@ 0.075% of (1+2))		2,268,038	
4	Total Amount Payable by UPPCL for the Billing Period		3,026,318,550	

Amount in Words : Rupees Three Hundred Two Crores Sixty Three Lacs Eighteen Thousand Five Hundred Fifty Only

Note:

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

2 The Invoice towards Deemed Energy due to grid disturbance/transmission line tripping and Incentive will be raised separately.

Annexures:

- 1 Details of fixed charges recoverable during the billing period
- 2 Details of variable charges recoverable during the billing period
- 3 Details of Declared Capacity and Scheduled Generation as per Schedule Issued by UP SLDC
- 4 Details of Adjustment in VC for the month of July'20 due to revised GCV on CIMFR Values
- 5 Details of Adjustment in VC for the month of Aug'20 due to revised GCV on CIMFR Values

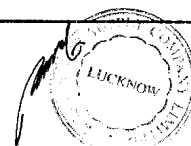
Authorized Signatory

(Sujeet Notani)

Details of Fixed Charges Payable by UPPCL				
S. No.	Description	Units	Value	Source
			September-20	
1	Energy as per Declared Capacity of the Billing Period for Phase I (As per the DC issued by RPSCL)	kWh	395,280,000	Annexure 3
2	Energy as per Declared Capacity of the Billing Period for Phase II (As per the DC issued by RPSCL)	kWh	395,280,000	Annexure 3
3	Total Energy Considered for Fixed Charges Calculation	kWh	790,560,000	(3 = 1 + 2)
4	No. of Days in Billing Period	Days	30	
5	Availability Factor for the Billing Period	%	100.00%	
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 11/05/2020
7	Monthly Fixed Charges	(Rs)	1,057,858,333	
8	Cumulative Fixed Charges Year Till End of Billing Period	(Rs)	6,347,150,000	
9	Cumulative energy as per Declared Capacity Year Till End of Billing Period	kWh	4,773,509,625	
10	Days in the current tariff year	Days	183	
11	Cumulative Availability as per Declared Capacity Year Till End of Billing Period	%	98.99%	
12	Cumulative Fixed Charges recoverable Year Till End of Billing Period	(Rs)	6,347,150,000	
13	Fixed Charges already billed Till Date	(Rs)	5,289,291,667	
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	$\frac{\text{Declared Capacity}}{1200 \times 24 \times (\text{No. of Days}) \times (100\% - \% \text{Auxiliary Consumption}) \times 1000}$
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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	337,418,920	Annexure 3
2	Scheduled Energy For Rosa TPP Phase II (As per the schedule issued by UP SLDC)	kWh	337,480,680	Annexure 3
3	Total Scheduled Energy for the Station	kWh	674,899,600	
4	Energy Charge Rate (ECR)	(Rs)	2.893	Table: Energy Charge
5	Total Variable Charges calculated for the billing period	(Rs)	1,952,484,543	
6	VC Adjustment on account of CIMFR GCV Values (unloading end) - July'20	(Rs)	5,273,120	Annexure 4
7	VC Adjustment on account of CIMFR GCV Values (unloading end) - Aug'20	(Rs)	8,434,516	Annexure 5
8	Total Variable Charges Recoverable during the billing period (5+6)	(Rs)	1,966,192,179	
9	Effective ECR for the Billing Period	(Rs)	2.913	

Energy Charge Calculation					
	Description	Formula	Units	Value	Remarks
1	Average per unit primary fuel cost	LPPF	Rs/Kg	4.21263	Annexure 2A
2	Scheduled Energy (As per schedule issued by UP SLDC)	SG	kWh	674899600	Schedule issued by UPPTCL
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	3890.00	Annexure 2A
6	Average GCV of Secondary fuel	CVSF	kCal/ml	9.39	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	0.04130523	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	2.893	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

