

RELIANCE

**Rosa Power Supply
Company Limited**
CIN: U31101MH1994PLC243148

520 F, Kasmanda House,
2-Park Road, Hazratganj,
Lucknow 226 001
Tel: +91 522 4317500
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www.reliancepower.co.in

Ref No: Invoice RPSCL/2020-21/05

01st Sept, 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,

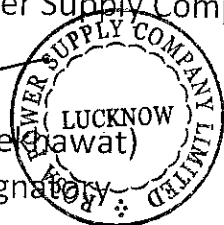
We enclose herewith provisional invoice no. Rosa TPP/ 2020-21/Invoice/05 for the month of **August 2020** issued on the basis of UPERC order dated 22.08.2017 and 25.04.2018.

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

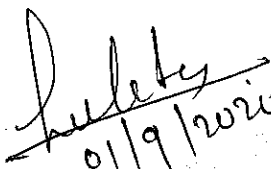
For Rosa Power Supply Company Ltd


(Siddharth Shekhawat)
Authorized Signatory



Enclosures: As above

CC: The Executive Director (Finance), UPPCL Lucknow


01/9/2020
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Rosa Power Supply Company Ltd.

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

GSTIN: 09AABCR8917MIZR

Ref No. - Rosa TPP/2020-21/Invoice/05

Billing Period: August 2020

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

Bill Date 1/Sep/2020

Due Date 1/Oct/2020

To,

The Superintending Engineer, Electricity Import, Export and Payment Circle
Uttar Pradesh Power Corporation Ltd, Shakti Bhawan
14, Ashok Marg, Lucknow - 226 001

Without Prejudice
Invoice Rosa TPP

Subject: Invoice for Charges Payable by UPPCL for the month of Aug 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	802,835,250	1,057,858,333	Fixed Charges Details (Annexure 1)
2	Total Variable Charges Payable by UPPCL for the Billing Period	602,465,408	1,771,682,899	Variable Charges Details (Annexure 2)
3	Total Charges Payable by UPPCL for the Billing Period		2,829,541,233	

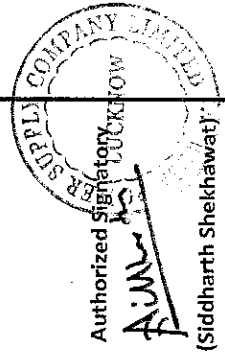
Amount in Words : Rupees Two Hundred Eighty Two Crores Ninety Five Lacs Forty One Thousand Two Hundred Thirty Three Only

Note:

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

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 June '20 due to revised GCV on CIMFR Values



Details of Fixed Charges Payable by UPPCL

S. No.	Description	Units	Value		Source
				August-20	
1	Energy as per Declared Capacity of the Billing Period for Phase I (As per the DC issued by RPSCL)	kWh		408,456,000	Annexure 3
2	Energy as per Declared Capacity of the Billing Period for Phase II (As per the DC issued by RPSCL)	kWh		394,379,250	Annexure 3
3	Total Energy Considered for Fixed Charges Calculation	kWh		802,835,250	(3 = 1 + 2)
4	No. of Days in Billing Period	Days		31	
5	Availability Factor for the Billing Period	%		98.28%	
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)		5,289,291,667	
9	Cumulative energy as per Declared Capacity Year Till End of Billing Period	kWh		3,982,949,625	
10	Days in the current tariff year	Days		153	
11	Cumulative Availability as per Declared Capacity Year Till End of Billing Period	%		98.79%	
12	Cumulative Fixed Charges recoverable Year Till End of Billing Period	(Rs)		5,289,291,667	
13	Fixed Charges already billed Till Date	(Rs)		4,231,433,333	
14	Fixed Charges recoverable in this bill	(Rs)		1,057,858,333	

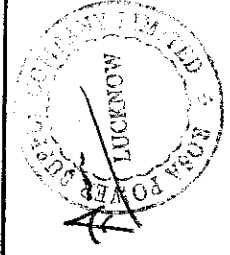
Note:

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

$$1200 \times 24 \times (\text{No. of Days}) \times (100\% - \% \text{Auxiliary Consumption}) \times 1000$$


Details of Variable Charges Payable by UPPCL During The Billing Period

Description

	Description	Units	Value	Source
1	Scheduled Energy For Rosa TPP Phase I (As per the schedule issued by UP SLDC)	kWh	306,881,475	Annexure 3
2	Scheduled Energy For Rosa TPP Phase II (As per the schedule issued by UP SLDC)	kWh	295,583,933	Annexure 3
3	Total Scheduled Energy for the Station	kWh	602,465,408	
4	Energy Charge Rate (ECR)	(Rs)	2.963	Table: Energy Charge
5	Total Variable Charges calculated for the billing period	(Rs)	1,785,105,002	
6	VC Adjustment on account of CIMFR GCV Values (unloading end) - June'20	(Rs)	-13,422,103	Annexure 4
7	Total Variable Charges Recoverable during the billing period (5+6)	(Rs)	1,771,682,899	
8	Effective ECR for the Billing Period	(Rs)	2.941	

Energy Charge Calculation

	Description	Formula	Units	Value	Remarks
1	Average per unit primary fuel cost	LPPF	Rs/Kg	4.16676	Annexure 2A
2	Scheduled Energy (As per schedule issued by UP SLDC)	SG	kWh	602,465,408	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	3756.00	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	2.963	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

