

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/2021-22/09

04th Jan 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

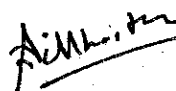
Dear Sir,

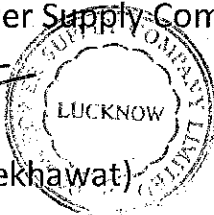
We enclose herewith provisional invoice no. Rosa TPP/ 2021-22/Invoice/09 for the month of **Dec 2021** issued on the basis of UPERC order dated 22.08.2017 and 25.04.2018.

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

04/01/2022
01/01/2022
RECEIVED
04/01/2022

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/2021-22/Invoice/09

Billing Period: Dec 2021

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

Bill Date 4/Jan/2022

Due Date 3/Feb/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 Dec 2021
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 | 612,684,000 | 1,057,858,333 | Fixed Charges Details (Annexure 1) |
| 2 | Total Variable Charges Payable by UPPCL for the Billing Period | 308,732,535 | 927,857,920 | Variable Charges Details (Annexure 2) |
| 3 | Total Amount Payable by UPPCL for the Billing Period | | 1,985,716,253 | |

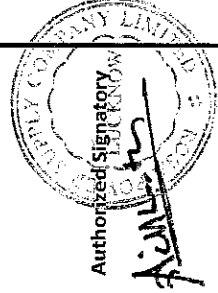
Amount in Words : Rupees One Hundred Ninety Eight Crores Fifty Seven Lakhs Sixteen Thousand Two Hundred Fifty Three Only

Note:

- 1 Payments shall be made in the favour of Rosa Power Supply Company Ltd, A/c No : 1261030000001359, (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 Nov 2021 due to revised GCV on CIMFR Values



(Siddharth Shekhawat)

Rosa TPP

Billing Period: Dec 2021

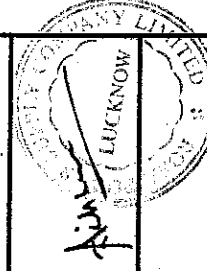
Annexure 1

Details of Fixed Charges Payable by UPPCL

| S. No. | Description | Units | Value | | Source |
|--------|--|-------------|-------|----------------------|--|
| | | | | December-21 | |
| 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 | | 204,228,000 | Annexure 3 |
| 3 | Total Energy Considered for Fixed Charges Calculation | kWh | | 612,684,000 | (3 = 1 + 2) |
| 4 | No. of Days in Billing Period | Days | | 31 | |
| 5 | Availability Factor for the Billing Period | % | | 75.00% | |
| 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 15/11/2021 |
| 7 | Monthly Fixed Charges | (Rs) | | 1,057,858,333 | |
| 8 | Cumulative Fixed Charges Year Till End of Billing Period | (Rs) | | 9,520,725,000 | |
| 9 | Cumulative energy as per Declared Capacity Year Till End of Billing Period | kWh | | 6,516,523,858 | |
| 10 | Days in the current tariff year | Days | | 275 | |
| 11 | Cumulative Availability as per Declared Capacity Year Till End of Billing Period | % | | 89.92% | |
| 12 | Cumulative Fixed Charges recoverable Year Till End of Billing Period | (Rs) | | 9,520,725,000 | |
| 13 | Fixed Charges already billed Till Date | (Rs) | | 8,462,866,667 | |
| 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

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 | | | | |
| | Description | Units | Value | Source |
| 1 | Scheduled Energy For Rosa TPP Phase I (As per the schedule issued by UP SLDC) | kWh | 308,732,535 | Annexure 3 |
| 2 | Scheduled Energy For Rosa TPP Phase II (As per the schedule issued by UP SLDC) | kWh | 0 | Annexure 3 |
| 3 | Total Scheduled Energy for the Station | kWh | 308,732,535 | |
| 4 | Energy Charge Rate (ECR) | (Rs) | 2.993 | Table: Energy Charge |
| 5 | Total Variable Charges calculated for the billing period | (Rs) | 924,036,477 | |
| 6 | VC Adjustment on account of CIMFR GCV values (unloading end) - Nov'21 | (Rs) | 3,821,442 | Annexure 4 |
| 7 | Total Variable Charges Recoverable during the billing period (5+6) | (Rs) | 927,857,920 | |
| 8 | Effective ECR for the Billing Period | (Rs) | 3.005 | |

| Energy Charge Calculation | | | | | |
|---------------------------|--|---|----------|------------|---|
| | Description | Formula | Units | Value | Remarks |
| 1 | Average per unit primary fuel cost | LPPF | Rs/Kg | 4.24997 | Annexure 2A |
| 2 | Scheduled Energy (As per schedule issued by UP SLDC) | SG | kWh | 308732535 | 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 | 3808 | Annexure 2A |
| 6 | Average GCV of Secondary fuel | CVSF | kCal/ml | 9.3909 | 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 | 0.06277868 | 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 | 2.993 | 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

