

# RELIANCE

Rosa Power Supply Company Ltd.  
F-519-520, Kasmanda House,  
2, Park Road, Lucknow – 226001

Tel: +91 522 3018512  
Fax: +91 522 3031062

Ref No: Invoice (Rosa I)/2018-19/03

5<sup>th</sup> July, 2018

The Superintending Engineer  
Electricity Import, Export and Payment Circle  
UP Power Corporation Limited  
11<sup>th</sup> 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 for the month of **June 2018** issued on the basis of UPERC order dated 22.08.2017 and 25.04.2018.

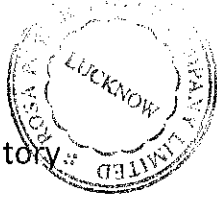
Please note that the present invoice is without prejudice to any of our claims, rights and entitlements under PPA and law all of which are specifically reserved.

Thanking you

For Rosa Power Supply Company Ltd

  
(Anand Shukla)

Authorized Signatory



Enclosures: As above

# Rosa Power Supply Company Ltd.

Administrative Block, Hardoi Road PO Rausar Kothi, Tehsil Sadar, District Shahjahanpur 242406  
GSTIN: 09AABCR8917M1ZR

Ref No. - Rosa TPP/ 2018-19/Invoice/03  
Billing Period: June 2018  
Nature of Bill: Monthly Invoice for Recovery of Fixed and Variable Charges

Bill Date 5/Jul/2018  
Due Date 4/Aug/2018

To,

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 June 2018

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

### Details of Charges Payable by UPPCL During The Billing Period

S. No.	Description	Energy (kWh)	Amount (Rs.)	Source
1	Total Fixed Charges Payable by UPPCL for the Billing Period	675,775,350	1,057,858,333	Fixed Charges Details (Annexure 1)
2	Total Variable Charges Payable by UPPCL for the Billing Period	526,061,113	1,501,904,476	Variable Charges Details (Annexure 2)
3	Total Charges Payable by UPPCL for the Billing Period		<b>2,559,762,810</b>	

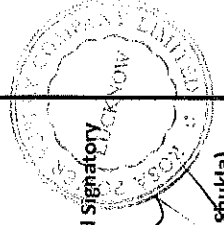
**Amount in Words : Rupees Two Hundred Fifty Five Crores Ninety Seven Lac Sixty Two Thousands Eight Hundred Ten Only**

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.
- 3 The invoice is for Supply of Energy as per Power Purchase Agreement dated 12/11/2006 and subsequent amendments, modifications.

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



Authorized Signatory

*(Amrta Shukla)*

## Details of Fixed Charges Payable by UPPCL

S. No.	Description	Units	Value		Source
			May-18		
1	Energy as per Declared Capacity of the Billing Period for Phase I (As per the DC issued by RPSC)	kWh	338,006,550		Annexure 3
2	Energy as per Declared Capacity of the Billing Period for Phase II (As per the DC issued by RPSC)	kWh	337,768,800		Annexure 3
3	Total Energy Considered for Fixed Charges Calculation	kWh	675,775,350		(3 = 1 + 2)
4	No. of Days in Billing Period	Days	30		
5	Availability Factor for the Billing Period	%	85.95%		
6	Annual Fixed Charges approved by UPERC for FY 2018-19	(Rs)	12,694,300,000		UPERC Order Dated 25/04/2018
7	Monthly Fixed Charges	(Rs)	3,173,575,000		
8	Cumulative Fixed Charges Year Till End of Billing Period	(Rs)	3,173,575,000		
9	Cumulative energy as per Declared Capacity Year Till End of Billing Period	kWh	2,408,706,200		
10	Days in the current tariff year	Days	91		
11	Cumulative Availability as per Declared Capacity Year Till End of Billing Period	%	88.42%		
12	Cumulative Fixed Charges recoverable Year Till End of Billing Period	(Rs)	3,173,575,000		
13	Fixed Charges already billed Till Date	(Rs)	2,115,716,667		
14	<b>Fixed Charges recoverable in this bill</b>	<b>(Rs)</b>	<b>1,057,858,333</b>		

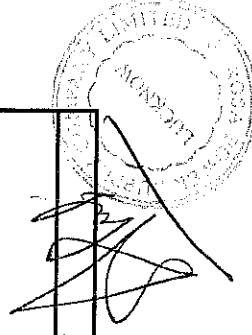
## Note:

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	263,546,225	Annexure 3
2	Scheduled Energy For Rosa TPP Phase II (As per the schedule issued by UP SLDC)	kWh	262,514,888	Annexure 3
3	<b>Total Scheduled Energy for the Station</b>	<b>kWh</b>	<b>526,061,113</b>	
4	Energy Charge Rate (ECR)	(Rs)	2.855	Table: Energy Charge
5	Total Variable Charges Recoverable during the billing period (3+4)	(Rs)	<b>1,501,904,476</b>	

## Energy Charge Calculation

	Description	Formula	Units	Value	Remarks
1	Average per unit primary fuel cost	LPPF	Rs/kg	4.32551	Annexure 2A
2	Scheduled Energy (As per schedule issued by UP SLDC)	SG	kWh	526061113	Schedule issued by UPPCL
3	Auxiliary Consumption (for Electrically driven boiler feed pump and induced draft cooling tower)	Aux	%	9.00%	As per Generation Regulation 2014
4	Normative Gross Station Heat Rate	GSHR	kCal/kWh	2475	As per UPERC Generation Tariff Regulation 2014
5	Weighted Average As Received GCV of Primary fuel	CVPF	kCal/kg	4173.00	Monthly Average (Annexure 2B)
6	Average GCV of Secondary fuel	CVSF	kCal/ml	9.40	As per UPERC Generation Tariff Regulation 2014
7	Normative specific fuel oil consumption	SFC	ml/kWh	0.75	Annexure 2B
8	Average per unit secondary fuel cost	LPSFI	Rs/ml	0.05302655	Calculated as per formula in Generation Regulation 2014
9	<b>Energy Charge Rate (ECR)</b>	$\frac{((GSHR-SFC \times CVSF) \times LPPF / CVPF + SFC \times LPSFI + LC \times LPL) \times 100}{(100-Aux)}$	Rs	2.855	Calculated as per formula in Generation Regulation 2014

## Annexures:

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

