

Ref No: Invoice RPSCL/2020-21/08

02<sup>nd</sup> Dec 2020

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

*(Signature)*  
02/12/20

**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/08 for the month of **November 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

*(Signature)*  
  
(Siddharth Shekawat)  
Authorized Signatory

Enclosures: As above

CC: The Executive Director (Finance), UPPCL Lucknow *(Signature)*  
02/12/2020  
विद्युत वि. एवं व. ब्यूरो  
एन.ए. नगर विद्युत  
बंगलौर

# Rosa Power Supply Company Ltd.

Administrative Block, Hardoi Road PO Rausar Kothi, Tehsil Sadar, District Shahjahanpur 242406  
GSTIN: 09AAABCR8917M1ZR, PAN: AABCR8917M

Ref No. - Rosa TPP/2020-21/Invoice/08

Billing Period: Nov 2020

Bill Date 2/Dec/2020

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

Due Date 1/Jan/2021

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 Nov 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	749,427,500	1,057,858,333	Fixed Charges Details (Annexure 1)
2	Total Variable Charges Payable by UPPCL for the Billing Period	338,745,963	913,597,861	Variable Charges Details (Annexure 2)
3	Tax collection at Source (TCS) (@ 0.075% of (1+2))		1,478,592	
4	Total Amount Payable by UPPCL for the Billing Period		1,972,934,786	

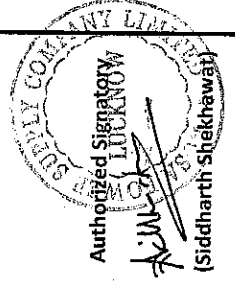
Amount in Words : Rupees One Hundred Ninety Seven Crores Twenty Nine Lacs Thirty Four Thousand Seven Hundred Eighty Six Only

Note:

- 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: IBKLO000126)
- 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 Fixed Charges Payable by UPPCL

S. No.	Description	Units	Value		Source
			November-20		
1	Energy as per Declared Capacity of the Billing Period for Phase I (As per the DC issued by RPSCL)	kWh	354,306,750		Annexure 3
2	Energy as per Declared Capacity of the Billing Period for Phase II (As per the DC issued by RPSCL)	kWh	395,120,750		Annexure 3
3	Total Energy Considered for Fixed Charges Calculation	kWh	749,427,500		(3 = 1 + 2)
4	No. of Days in Billing Period	Days	30		
5	Availability Factor for the Billing Period	%	94.80%		
6	Annual Fixed Charges approved by UPERC for FY 2018-19	(Rs)	12,694,300,000		Application for Extension of applicability of Suo-motu order on applicability of UPERC GR14 Dated 11/05/2020 with UPERC
7	Monthly Fixed Charges	(Rs)	1,057,858,333		
8	Cumulative Fixed Charges Year Till End of Billing Period	(Rs)	8,462,866,667		
9	Cumulative energy as per Declared Capacity Year Till End of Billing Period	kWh	6,303,928,000		
10	Days in the current tariff year	Days	244		
11	Cumulative Availability as per Declared Capacity Year Till End of Billing Period	%	98.04%		
12	Cumulative Fixed Charges recoverable Year Till End of Billing Period	(Rs)	8,462,866,667		
13	Fixed Charges already billed Till Date	(Rs)	7,405,008,333		
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 X 24 X (No. of Days) X (100% - %Auxiliary Consumption) X 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	156,315,383	Annexure 3
2	Scheduled Energy For Rosa TPP Phase II (As per the schedule issued by UP SLDC)	kWh	182,430,580	Annexure 3
3	<b>Total Scheduled Energy for the Station</b>	<b>kWh</b>	<b>338,745,963</b>	
4	Energy Charge Rate (ECR)	(Rs)	<b>2.697</b>	Table: Energy Charge
5	Total Variable Charges calculated for the billing period	(Rs)	<b>913,597,861</b>	

## Energy Charge Calculation

Description			
	Formula	Units	Value
1	Average per unit primary fuel cost	Rs/Kg	3.86829
2	Scheduled Energy (As per schedule issued by UP SLDC)	kWh	338745963
3	Auxiliary Consumption (for Electrically driven boiler feed pump and induced draft cooling tower)	%	8.50%
4	Normative Gross Station Heat Rate	kCal/kWh	2430
5	Weighted Average As Received GCV of Primary fuel	kCal/kg	3832.00
6	Average GCV of Secondary fuel	kCal/ml	9.44
7	Normative specific fuel oil consumption	ml/kWh	0.50
8	Average per unit secondary fuel cost	Rs/ ml	0.03915009
9	<b>Energy Charge Rate (ECR)</b>	Rs	<b>2.697</b>

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

