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 RPSCL/2019-20/01

2nd May, 2019

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 for the month of **April 2019** 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: Executive Director (A&A), UPPCL Lucknow
Executive Director (PMC), UPPCL, Lucknow

Rosa Power Supply Company Ltd.

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

GSTIN: 09AABCR8917M1ZR

Ref No. - Rosa TPP/ 2019-20/Invoice/01
Billing Period: April 2019
Nature of Bill: Monthly Invoice for Recovery of Fixed and Variable Charges

Bill Date 2/May/2019
Due Date 1/Jun/2019

To,
Superintending Engineer, Electricty 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 April 2019

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 (kWh)	Amount (Rs.)	Source
1	Total Fixed Charges Payable by UPPCL for the Billing Period	786,240,000	1,057,858,333	Fixed Charges Details (Annexure 1)
2	Total Variable Charges Payable by UPPCL for the Billing Period	558,945,175	1,591,088,507	Variable Charges Details (Annexure 2)
3	Total Charges Payable by UPPCL for the Billing Period		**2,648,946,840**	

Amount in Words : Rupees Two Hundred Sixty Four Crores Eighty Nine Lacs Forty Six Thousand Eight Hundred Forty 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 Feb'19 due to revised GCV on CIMFR Values

Authorized Signatory
ROSA POWER SUPPLY CO. LTD. LUCKNOW
(Siddharth Shekhawat)

Details of Fixed Charges Payable by UPPCL

S. No.	Description	Units	Value April-19	Source
1	Energy as per Declared Capacity of the Billing Period for Phase I(As per the DC issued by RPSCL)	kWh	393,120,000	Annexure 3
2	Energy as per Declared Capacity of the Billing Period for Phase II (As per the DC issued by RPSCL)	kWh	393,120,000	Annexure 3
3	Total Energy Considered for Fixed Charges Calculation	kWh	786,240,000	(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	UPERC Order Dated 25/04/2018
7	Monthly Fixed Charges	(Rs)	1,057,858,333	
8	Cumulative Fixed Charges Year Till End of Billing Period	(Rs)	1,057,858,333	
9	Cumulative energy as per Declared Capacity Year Till End of Billing Period	kWh	786,240,000	
10	Days in the current tariff year	Days	30	
11	Cumulative Availability as per Declared Capacity Year Till End of Billing Period	%	100.00%	
12	Cumulative Fixed Charges recoverable Year Till End of Billing Period	(Rs)	1,057,858,333	
13	Fixed Charges already billed Till Date	(Rs)	0	
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

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

ROSA POWER SUPPLY COMPANY LIMITED LUCKNOW

Rosa TPP | Billing Period: April 2019 | Annexure 2

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	280,506,250	Annexure 3
2	Scheduled Energy For Rosa TPP Phase II (As per the schedule issued by UP SLDC)	kWh	278,438,925	Annexure 3
3	**Total Scheduled Energy for the Station**	**kWh**	558,945,175	
4	Energy Charge Rate (ECR)	(Rs)	2.826	Table: Energy Charge
5	Total Variable Charges calculated for the billing period	(Rs)	1,579,579,065	
6	VC Adjustment on account of CIMFR GCV Values (unloading end)- March'19	(Rs)	11,509,442	Annexure 4
7	Total Variable Charges Recoverable during the billing period (5+6)	(Rs)	**1,591,088,507**	
8	Effective ECR for the Billing Period	Rs/ kWh	**2.847**	

Energy Charge Calculation

	Description	Formula	Units	Value	Remarks
1	Average per unit primary fuel cost	LPPF	Rs/Kg	4.23855	Annexure 2A
2	Scheduled Energy (As per schedule issued by UP SLDC)	SG	kWh	558945175	Schedule Issued by UPPTCL
3	Auxillary 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	4130.00	
6	Average GCV of Secondary fuel	CVSF	kCal/ml	9.40	Monthly Average (Annexure 2B)
7	Normative specific fuel oil consumption	SFC	ml/kWh	0.75	As per UPERC Generation Tariff Regulation 2014
8	Average per unit secondary fuel cost	LPSFi	Rs/ ml	0.05185315	Annexure 2B
9	**Energy Charge Rate (ECR)**	**{(GSHR-SFC x CVSF) x LPPF / CVPF +SFC x LPSFi +LC x LPL} x 100 / (100-Aux)**	Rs	2.826	Calculated as per formula in Generation Regulation 2014

Annexures:

2A Details of Primary Fuel
2B Details of Secondary Fuel
2C Fuel Test Cetificates

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