

02/07/2022

**The Secretary
Uttar Pradesh Electricity Regulatory Commission,
UPSLDC Complex
Vibhuti Khand, Gomti Nagar, Lucknow-226010**

Sub:- Additional information sought in TVS in petition no. 1804 of 2021

Ref : TVS dated 28.6.2022 & MoM dated 01.07.2022

Dear Sir,

Kindly find enclosed herewith the additional information sought in TVS in petition no. 1804 of 2021 (01 original+05 Photo copies), filed by Petitioner Rosa Power Supply Co Ltd, for kind consideration of the Hon'ble Commission.

Thanking you,

Yours faithfully,

For Rosa Power Supply Company Ltd


(Sumeet Notani)
Authorized Signatory

Encl: As above.

Cc : The Director (Transmission) , UPERC

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Reply to additional information sought in TVS in Petition No. 1804 of 2021

Data gap no. 1: The Petitioner is required to provide the copy of audited certificate duly certified by auditor for expenses in transmission line for FY 2017-18, FY 2018-19 and FY 2019-20;

Reply: RPSCL is in process of obtaining relevant information and shall submit the same duly certified by auditor shortly.

Data gap no. 2: The Petitioner is required to provide declaration/ undertaking that the transmission expenses claimed in the instant Petition is not claimed in Generation Business/ other regulated business;

Reply: RPSCL submits that cost of 400 kV Transmission line originally included in Additional Capital Expenditure Petition # 786 of 2012 was removed as per the directions of the Hon'ble Commission vide Order dated 16.05.2012/ 25.06.2012. RPSCL had filed a separate Petition for approval of Transmission Tariff (837 of 2012), wherein the Hon'ble Commission vide Order dated 29.06.2016 and 29.01.2018, approved transmission tariff for the period from FY 12 to FY 27 (Petition 837/2012) and FY 18 to FY 20 (Petition 1197/2017), respectively. Further, RPSCL hereby confirm that it has not claimed the expenses for 400 kV transmission line in Generation business.

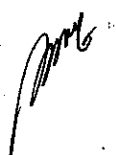
As per the sequence of events and details therein RPSCL confirms that all the petitions for the tariff orders dated 28.03.2011, 21.05.2012, 22.08.2017 & 24.04.2018, for approval of generation tariff of Rosa TPP, do not take into consideration the cost of transmission line.

Data gap no. 3: The Petitioner is required to provide the actual Transmission System Availability Factor from FY 2014-15 to FY 2021-22.

Reply: Actual Transmission System Availability from FY 2014-15 to FY 2021-22 is summarized in the table below:

Period	Actual Transmission System Availability
FY 2014-15	99.97%
FY 2015-16	99.89%
FY 2016-17	100%
FY 2017-18	98.28%
FY 2018-19	100%
FY 2019-20	100%
FY 2020-21	100%
FY 2021-22	93.53%

The details of month wise actual Transmission System Availability for the period from FY 2014-15 to FY 2021-22 have been enclosed as **Annexure I**.



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Data gap no. 4: The Petitioner is required to provide the Fixed Asset Register for transmission line/ business clearly detailing each asset along its capital expenditure plan, capitalization, depreciation etc.

Reply: Statement of Fixed Asset Register for transmission line has been extracted from the consolidated Fixed Asset Register of Rosa TPP and the same is submitted as under:

Description	Amount (Rs. Crore)
400KV TRANSMISSION LINE-U-3	28.72
400KV TRANSMISSION LINE-U-3	0.13
400KV TRANSMISSION LINE-U-3	0.00
400KV TRANSMISSION LINE-U-3	0.05
Proj. Cap- Tx line - 400KV SS bays PGCIL	11.49
Total	40.40

Asset class wise calculations of Depreciation as sought by the Hon'ble Commission during TVS for FY 2020-21 to FY 2024-25 based on UPERC (MYT for Distribution and Transmission) Regulations, 2019 have been submitted in Annexure II.

Data gap no. 5: The Petitioner is required to provide the details of financing (loan/ equity/ Grants/ Consumer Contribution) and actual interest paid for the asset base claimed by the Petitioner.

Reply: As per the directive of Hon'ble Commission, RPSCL had filed a separate Petition for approval of Transmission Tariff (837 of 2012), wherein the Hon'ble Commission vide Order dated 29.06.2016 and 29.01.2018, approved the capital cost and capital structure for transmission line and bays on normative basis and RPSCL would like to reiterate that, since there is no separate loan for 400 kV transmission line RPSCL claimed entire cost on normative basis considering the entire funding through internal accruals / equity.

Further, RPSCL submits that it has not received any grants and consumer contribution during the period FY 2017-18 to FY 2019-20.

Data gap no. 6: The Petitioner is required to provide the details of actual energy wheeled and transmission losses for the period from FY 2014-15 to FY 2021-22 duly certified by UPSLDC.

Reply: As mentioned in replies to 1st Data gaps dated 27.06.2022, RPSCL, being a dedicated transmission line, is not maintaining records for transmission losses. Since there is no proper metering arrangement at inter connection point with PGCIL network, transmission losses cannot be ascertained. However, considering the short length of 7.2 km of 400 kV D/C transmission line, it may be assumed that the transmission losses would be negligible.

The information related to actual wheeled energy for the period from FY 2014-15 to FY 2021-22 has been enclosed as below:



Summary of Energy wheeled (MUs)*			
Year	400 KV Line 1	400 kV Line 2	Total
FY 2014-15	697	3,460	4,157
FY 2015-16	429	2,809	3,238
FY 2016-17	285	2,915	3,200
FY 2017-18	1,401	1,424	2,824
FY 2018-19	652	658	1,310
FY 2019-20	931	953	1,884
FY 2020-21	967	993	1,961
FY 2021-22	314	327	641
Total	5,675	13,540	19,214

* Based on Export meter readings of 400 KV Line 1 and Line 2 connecting Rosa Switchyard and PGCIL Substation located at Shahjahanpur

Data gap no. 7: Details of LPS/ incentive received during respective years.

Reply: RPSCL submits that it has not collected any LPS/ incentive during FY 2017-18 to FY 2019-20.

Data gap no. 8: As per Regulations, the True-up Petition for FY 2020-21 is also required to be filed. The Petitioner is directed to file the same immediately.

Reply: RPSCL submits that in the instant Petition, we requested the Hon'ble Commission to approve the ARR for the Control Period from FY 2020-21 to FY 2024-25. Since the ARR for the FY 2020-21 is yet to be approved by the Hon'ble Commission, and the information submitted for FY 2020-21 has been on the basis of actual expenses. Hence, RPSCL request the Hon'ble Commission to consider the same for the purpose of approval of ARR/ True up of FY 2020-21.

Place: Lucknow

For Rosa Power Supply Company Limited

Date: 02.07.2022


(Sumeet Notani)
Authorised Signatory

Annexure I: Transmission System Availability for FY 2014-15 to FY 2020-21

Rosa Power 400 kV Transmission System
Transmission System Availability as per Transmission Tariff Regulations, 2006

Month/ Year	Number of days in Month	Duration in Month	400 KV Line 1 & 2 Outage Duration	400 KV Lines Availability	200 MVA Rosa-ICT 1 & 2 Outage Duration	ICT availability	400 KV Transmission System Availability
Apr-14	30	720:00:00	2:46:00		0:00:00		
May-14	31	744:00:00	0:00:00		0:00:00		
Jun-14	30	720:00:00	0:00:00		0:00:00		
Jul-14	31	744:00:00	0:00:00		0:00:00		
Aug-14	31	744:00:00	0:00:00		0:00:00		
Sep-14	30	720:00:00	0:00:00		0:00:00		
Oct-14	31	744:00:00	2:16:00		0:00:00		
Nov-14	30	720:00:00	0:00:00		0:00:00		
Dec-14	31	744:00:00	0:00:00		0:00:00		
Jan-15	31	744:00:00	0:00:00		0:00:00		
Feb-15	28	672:00:00	0:00:00		0:00:00		
Mar-15	31	744:00:00	0:00:00		0:00:00		
FY 14-15	365.00	8760:00:00	5:02:00	99.94%	0:00:00	100.00%	99.97%
Apr-15	30	720:00:00	0:00:00		0:00:00		
May-15	31	744:00:00	0:00:00		0:00:00		
Jun-15	30	720:00:00	0:00:00		0:00:00		
Jul-15	31	744:00:00	0:00:00		0:00:00		
Aug-15	31	744:00:00	0:00:00		0:00:00		
Sep-15	30	720:00:00	0:00:00		0:00:00		
Oct-15	31	744:00:00	0:00:00		0:00:00		
Nov-15	30	720:00:00	0:00:00		0:00:00		
Dec-15	31	744:00:00	19:04:00		0:00:00		
Jan-16	31	744:00:00	0:26:00		0:00:00		
Feb-16	29	696:00:00	0:00:00		0:00:00		
Mar-16	31	744:00:00	0:00:00		0:00:00		
FY 15-16	366.00	8784:00:00	19:30:00	99.78%	0:00:00	100.00%	99.89%
Apr-16	30	720:00:00	0:00:00		0:00:00		
May-16	31	744:00:00	0:00:00		0:00:00		
Jun-16	30	720:00:00	0:00:00		0:00:00		
Jul-16	31	744:00:00	0:00:00		0:00:00		
Aug-16	31	744:00:00	0:00:00		0:00:00		
Sep-16	30	720:00:00	0:00:00		0:00:00		
Oct-16	31	744:00:00	0:00:00		0:00:00		
Nov-16	30	720:00:00	0:00:00		0:00:00		
Dec-16	31	744:00:00	0:00:00		0:00:00		
Jan-17	31	744:00:00	0:00:00		0:00:00		
Feb-17	28	672:00:00	0:00:00		0:00:00		
Mar-17	31	744:00:00	0:00:00		0:00:00		
FY 16-17	365.00	8760:00:00	0:00:00	100.00%	0:00:00	100.00%	100.00%

**Rosa Power 400 kV Transmission System
Transmission System Availability as per Transmission Tariff Regulations, 2014**

Month/ Year	Number of days in Month	Duration in Month	400 KV Line 1 & 2 Outage Duration	200 MVA Rosa-ICT 1 & 2 Outage Duration	NAFM	Transmission System Availability Factor (TAFM)
Apr-17	30	720:00:00	26:30:00	3:52:00	0.10	89.65
May-17	31	744:00:00	3:04:00	0:00:00	0.00	99.81
Jun-17	30	720:00:00	0:00:00	0:00:00	0.00	100.00
Jul-17	31	744:00:00	0:59:00	0:00:00	0.00	99.94
Aug-17	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Sep-17	30	720:00:00	0:00:00	0:00:00	0.00	100.00
Oct-17	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Nov-17	30	720:00:00	0:00:00	0:00:00	0.00	100.00
Dec-17	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Jan-18	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Feb-18	28	672:00:00	0:00:00	0:00:00	0.00	100.00
Mar-18	31	744:00:00	0:00:00	0:00:00	0.00	100.00
FY 17-18	365	8760:00:00	30:33:00	3:52:00	0.02	98.28
Apr-18	30	720:00:00	0:00:00	0:00:00	0.00	100.00
May-18	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Jun-18	30	720:00:00	0:00:00	0:00:00	0.00	100.00
Jul-18	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Aug-18	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Sep-18	30	720:00:00	0:00:00	0:00:00	0.00	100.00
Oct-18	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Nov-18	30	720:00:00	0:00:00	0:00:00	0.00	100.00
Dec-18	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Jan-19	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Feb-19	28	672:00:00	0:00:00	0:00:00	0.00	100.00
Mar-19	31	744:00:00	0:00:00	0:00:00	0.00	100.00
FY 18-19	365	8760:00:00	0:00:00	0:00:00	0.00	100.00
Apr-19	30	720:00:00	0:00:00	0:00:00	0.00	100.00
May-19	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Jun-19	30	720:00:00	0:00:00	0:00:00	0.00	100.00
Jul-19	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Aug-19	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Sep-19	30	720:00:00	0:00:00	0:00:00	0.00	100.00
Oct-19	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Nov-19	30	720:00:00	0:00:00	0:00:00	0.00	100.00
Dec-19	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Jan-20	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Feb-20	29	696:00:00	0:00:00	0:00:00	0.00	100.00
Mar-20	31	744:00:00	0:00:00	0:00:00	0.00	100.00
FY 19-20	366	8784:00:00	0:00:00	0:00:00	0.00	100.00

Rosa Power 400 kV Transmission System
Transmission System Availability as per Transmission Tariff Regulations, 2019

Month/ Year	Number of days in Month	Duration in Month	400 KV Line 1 & 2 Outage Duration	200 MVA Rosa-ICT 1 & 2 Outage Duration	NAFM	Transmission System Availability Factor (TAFM)
Apr-20	30	720:00:00	0:00:00	0:00:00	0.00	100.00
May-20	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Jun-20	30	720:00:00	0:00:00	0:00:00	0.00	100.00
Jul-20	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Aug-20	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Sep-20	30	720:00:00	0:00:00	0:00:00	0.00	100.00
Oct-20	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Nov-20	30	720:00:00	0:00:00	0:00:00	0.00	100.00
Dec-20	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Jan-21	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Feb-21	28	672:00:00	0:00:00	0:00:00	0.00	100.00
Mar-21	31	744:00:00	0:00:00	0:00:00	0.00	100.00
FY 20-21	365	8760:00:00	0:00:00	0:00:00	0.00	100.00
Apr-21	30	720:00:00	0:00:00	0:00:00	0.00	100.00
May-21	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Jun-21	30	720:00:00	0:00:00	9:02:00	0.20	79.81
Jul-21	31	744:00:00	1:41:00	0:00:00	0.00	99.89
Aug-21	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Sep-21	30	720:00:00	0:00:00	0:00:00	0.00	100.00
Oct-21	31	744:00:00	0:00:00	0:00:00	0.00	100.00
Nov-21	30	720:00:00	0:00:00	0:00:00	0.00	100.00
Dec-21	31	744:00:00	5:46:00	4:25:00	0.10	89.91
Jan-22	31	744:00:00	21:08:00	3:11:00	0.08	91.65
Feb-22	28	672:00:00	14:12:00	0:00:00	0.01	99.06
Mar-22	31	744:00:00	0:00:00	0:00:00	0.00	100.00
FY 21-22	365	8760:00:00	42:47:00	16:38:00	0.06	93.53

Form No: F23
Name of Transmission Licensee Rosa Power Supply Company Limited
Calculation of Depreciation Rate

Fixed Assets and Depreciation For past year, True-Up year, APR year and for each Year of MYT Control Period											(Rs. Core)
Particulars	As at the beginning of the financial year	NFA / MPV		As at the end of the financial year	FY 2019-20			Applicable rate of depreciation (%)	Net Block		
		Additions	Deductions		Additions	Deductions	As at the beginning of the financial year		As at the end of the financial year		
Land											
Buildings											
Hydraulic works											
Other Civil Works											
Plant & Machinery											
Lines & Cables (Including Bays)	23.67	0		23.67	9.64	1.25	10.88	5.27%	23.67	22.43	
Vehicles											
Furniture & Fixtures											
Office Equipments											
Capital Expenditure on Assets not belonging to utility											
Spare Units											
Capital Spares											
TOTAL	23.67	0.00	0.00	23.67	9.64	1.25	10.88	5.27%	23.67	22.43	
Total as per Audited Account (for True up year only)											

* The particular of asset and rate of depreciation should match with those provided in the applicable Tariff Regulations

Form No: F23
Name of Transmission Licensee
Calculation of Depreciation Form

Fixed Assets and Depreciation For past

Particulars	FY 2020-21		Depreciation		Net Block	
	As at the beginning of the financial year	As at the end of the financial year	As at the beginning of the financial year	As at the end of the financial year	As at the beginning of the financial year	As at the end of the financial year
Land						
Buildings						
Hydraulic works						
Other Civil Works						
Plant & Machinery						
Lines & Cables (including Bays)	22.43	0	22.43	10.88	1.58	0.00
Vehicles						
Furniture & Fixtures						
Office Equipments						
Capital Expenditure on Assets not belonging to utility						
Spare Units						
Capital Spares						
TOTAL	22.43	0.00	22.43	10.88	1.58	0.00
Total as per Audited Account (for True up year only)						

* The particular of asset and rate of dep

Fixed Assets and Depreciation For past

Particulars	FY 2021-22			FY 2021-22			Applicable rate of depreciation (%)	Net Block	
	As at the beginning of the financial year	NEA / WDV Additions	NEA / WDV Deductions	As at the end of the financial year	As at the beginning of the financial year	NEA / WDV Deductions		As at the beginning of the financial year	As at the end of the financial year
Land									
Buildings									
Hydraulic works									
Other Civil Works									
Plant & Machinery									
Lines & Cables (including Bays)	20.84	0		20.84	12.47	1.58	5.28%	20.84	19.26
Vehicles									
Furniture & Fixtures									
Office Equipments									
Capital Expenditure on Assets not belonging to utility									
Spare Units									
Capital Spares									
TOTAL	20.84	0.00	0.00	20.84	12.47	1.58	5.28%	20.84	19.26
Total as per Audited Account (for True up year only)									

* The particular of asset and rate of dep

Fixed Assets and Depreciation For past

FY 2022-23											
Particulars	NFA / WDV				Depreciation				Net Block		
	As at the beginning of the Financial Year	Additions	Deductions	As at the end of the Financial Year	As at the beginning of the Financial Year	Additions	Deductions	As at the end of the Financial Year	Applicable rate of Depreciation (%)	As at the beginning of the Financial Year	As at the end of the Financial Year
Land											
Buildings											
Hydraulic works											
Other Civil Works											
Plant & Machinery											
Lines & Cables (Including Bays)	19.26	0		19.26	14.05	1.58		15.63	5.28%	19.26	17.68
Vehicles											
Furniture & Fixtures											
Office Equipments											
Capital Expenditure on Assets not belonging to utility											
Spare Units											
Capital Spares											
TOTAL	19.26	0.00	0.00	19.26	14.05	1.58	0.00	15.63	5.28%	19.26	17.68
Total as per Audited Account (for True up year only)											

* The particular of asset and rate of dep

[Signature]

Calculation of Depreciation Rate

Fixed Assets and Depreciation For past

*The particular of asset and rate of dep



Form No: F23
Name of Transmission Licensee
Calculation of Depreciation Rate

Fixed Assets and Depreciation For past:

Particulars	FY 2024-25				FY 2024-25				Net Book		
	As at the beginning of the financial year	Additions	Deductions	As at the end of the financial year	As at the beginning of the financial year	Additions	Deductions	As at the end of the financial year	Applicable rate of Depreciation (%)	As at the beginning of the financial year	As at the end of the financial year
Land											
Buildings											
Hydraulic works											
Other Civil Works											
Plant & Machinery											
Lines & Cables (including Bays)	16.09	0		16.09	17.22	1.58		18.80	5.28%	16.09	14.51
Vehicles											
Furniture & Fixtures											
Office Equipments											
Capital Expenditure on Assets not belonging to utility											
Spare Units											
Capital Spares											
TOTAL	16.09	0.00	0.00	16.09	17.22	1.58	0.00	18.80	5.28%	16.09	14.51
Total as per Audited Account (for True up year only)											

* The particular of asset and rate of dep

[Signature]

Statement of Depreciation

Rs. Crores

Particulars	Past Years				APR		Control Period				
	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20 Approved (in TO)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25
	Trued-Up	Trued-Up	Trued-Up	Trued-Up	Trued-Up		Projected	Projected	Projected	Projected	Projected
Capital Cost	21.82	21.82	21.82	33.31	33.31	33.31	33.31	33.31	33.31	33.31	33.31
Less: Value of Non Depreciable Asset											
Value of Depreciable Asset	21.82	21.82	21.82	33.31	33.31	33.31	33.31	33.31	33.31	33.31	33.31
Less: Residual Value (10%)	2.18	2.18	2.18	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33
Depreciable Value	19.64	19.64	19.64	29.98	29.98	29.98	29.98	29.98	29.98	29.98	29.98
Depreciation recovered upto Previous Year	2.81	4.18	5.56	6.93	8.32	9.64	10.88	12.47	14.05	15.63	17.22
Depreciation recovered upto Previous Year (%)				23%	28%	32%	36%	42%	47%	52%	57%
Remaining Depreciable Value	16.83	15.46	14.08	23.05	21.66	20.34	19.09	17.51	15.93	14.35	12.76
Depreciation recoverd/ to be recoverd during the year (upto maximum of remaining depreciable value)	0.71	0.71	0.71	1.39	1.32	1.25	1.58	1.58	1.58	1.58	1.58
Advance Against Depreciation	0.66	0.66	0.66								
Balance Depreciable Value	16.12	14.75	13.37	21.66	20.34	19.09	17.51	15.93	14.35	12.76	11.18