

IN THE CENTRAL ELECTRICITY REGULATORY COMMISSION, NEW DELHI

PETITION NO. __/__/2024

IN THE MATTER OF:

Odisha Power Transmission Corporation Limited

...Petitioner

Versus

Power Grid Corporation of India Limited & Ors.

...Respondents

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All Spare Copies are correct

FILED BY:

(RAJ KUMAR MEHTA)
**Advocate for Petitioner, Odisha Power
Transmission Corporation Limited**

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BEFORE THE CENTRAL ELECTRICITY REGULATORY
COMMISSION
36, JANPATH, NEW DELHI-110001

PETITION NO. _____ OF 2024

FILING NO:-

IN THE MATTER OF:

Petition for approval of Tariff of two Nos. of Non-ISTS Lines, namely 220 kV Joda - Ramchandrapur (SC) and 220 kV SC Jindal-Jamshedpur (DVC) Lines of OPTCL and inclusion in PoC (Point of Connection) Charges and Losses in accordance with CERC (Sharing of Inter-State Transmission Charges and Losses) Regulations, 2020 as per Order dated 12.05.2017 in Suo Motu Petition No. 07/SM/2017.

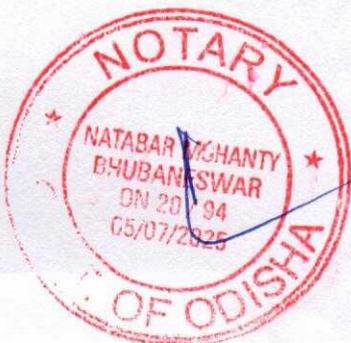
AND IN THE MATTER OF :

Odisha Power Transmission Corporation Limited (OPTCL)
Janpath, Bhubaneswar, Odisha.

... Petitioner

Versus

1. Jharkhand State Electricity Board,
HEC Engineering Building, Dhurwa,
Ranchi, 834009.
2. Damodar valley Corporation,
DVC Headquarters, DVC Towers,
VIP Road, Kolkata, 700054.
3. Power Grid Corporation of India Limited,
Soudamini, Plot No. 02, Sector-29,
Gurugram, Haryana, 122001.



Prabjeet Kumar Naitu
Sr. General Manager (RT&C)
OPTCL, Bhubaneswar

4. Central Transmission Utility of India Limited,
Soudamini, Plot No. 02, Sector-29,
Gurugram, Haryana, 122001.

... Respondents

The Humble Petition of the Petitioner above named

MOST RESPECTFULLY SHOWETH:

1. That the Petitioner herein, Odisha Power Transmission Corporation Limited, Bhubaneswar ('OPTCL', for short), a Government Company incorporated under the Companies Act, 1956 and wholly owned by the Government of Odisha is carrying on the business of Transmission of Electricity as a State Transmission Utility (STU) within the State of Odisha. It commenced the business on 31st March 2005. OPTCL was notified as the State Transmission Utility (STU) under Section 39 (1) of the Electricity Act, 2003 with effect from 01.04.2005.
2. That vide Order dated 12.05.2017 in Suo-Motu Petition No. 07/SM/2017 (Para 06), the Commission directed Owners/Developers of natural Inter-State Line (s) to file Petitions for determination of Tariff for the period 2014-19 in accordance with Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2014.
3. That the List of natural Inter-State Lines as annexed with above Order included two Lines namely, 220 kV SC Joda - Ramachandrapur and 220 kV SC Jindal – Jamshedpur (DVC) Line belonging to the Petitioner, OPTCL.

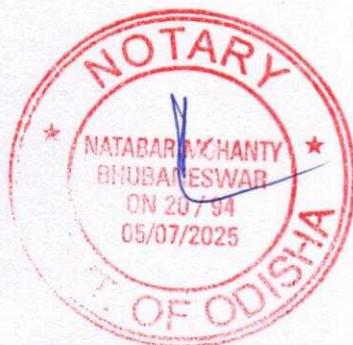


Prabeer Kumar Mallik
Sr. General Manager (RT&C)
OPTCL, Bhubaneswar

- 4 That in compliance with Order dated 12.5.2017 Petitioner OPTCL filed Tariff Petition before the Commission for approval of Yearly Transmission Charges (YTC) of the aforesaid Lines for the period 2014-19 which was registered as Petition No. 155/TT/2017.
- 5 That the details of the Assets (Line details and Ckt-km etc) are given below:

S. No	Name of Line	Connecting States	Length of Line (Ckt-km)	DOCO
Asset-I	220 kV SC Joda-Ramachandrapur Line	OPTCL-JSEB	15.50 km	1985
Asset-II	220 kV SC Jindal – Jamshedpur (DVC) Line	OPTCL-DVC	32.0 km	1985

- 6 That since the Assets are very old and were commissioned in the regime of erstwhile Orissa State Electricity Board (OSEB), details of Capital Cost etc were neither available nor traceable by the Petitioner.
7. That vide Order dated 22.06.2018 in Petition No. 155/TT/2017, the Commission approved YTC of the aforesaid Lines based on the Bench Mark Cost of Transmission Lines owned and operated by CTUIL.
8. That in Para 17 of Order dated 22.06.2018, the Commission observed as under:



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Sr. General Manager (RT & C)
OPTCL, Bhubaneswar

“**17 (i)** Useful life of the transmission line shall be deemed to be 25 years.

.....

17 (vii) Bank Rate as defined in Tariff Regulations, 2014 as on 01.04.2014 shall be applied for calculating the rate of interest on working capital on normative basis.

17 (ix) Where the life of transmission line is more than or equal to 25years as on 01.04.2014, only O & M expenses and IWC (Interest on Working Capital) shall be allowed.”

- 8.1 That the Commission adopted a Normative Tariff Working Methodology and applied in cases where the Elapsed Life Span of Transmission Lines is equal to or more than 25 years as on 01.04.2014.
- 8.2 That no further proof of Capitalisation could be provided by Petitioner, OPTCL as the subject Assets are very old and inherited from OSEB era.
9. That vide Order dated 30.04.2023 in Case No. 290/TT/2022 the Commission determined Transmission Charges of the Lines for the period 2019-20 to 2023-24 considering only **O&M Expenses and Interest on Working Capital (IWC)** as per CERC Terms and Conditions of Tariff) Regulations, 2019.
10. That details of the Amounts allowed by the Commission for Assets - I & II are given below:



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Sr. General Manager (RT&C)
OPTCL, Bhubaneswar

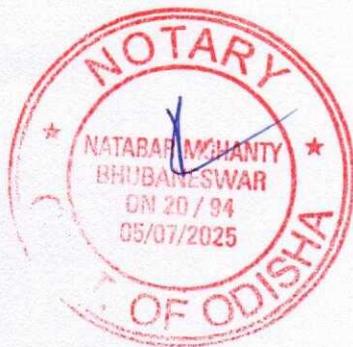
(Rupees in Lakhs)

Asset-I	2019-20	2020-21	2021-22	2022-23	2023-24
Depreciation	0.00	0.00	0.00	0.00	0.00
Interest on loan	0.00	0.00	0.00	0.00	0.00
Return on Equity	0.00	0.00	0.00	0.00	0.00
IWC	0.34	0.33	0.32	0.33	0.34
O&M Expenses	7.80	8.08	8.35	8.65	8.96
Total	8.14	8.41	8.67	8.98	9.30

(Rupees in Lakhs)

Asset-II	2019-20	2020-21	2021-22	2022-23	2023-24
Depreciation	0.00	0.00	0.00	0.00	0.00
Interest on loan	0.00	0.00	0.00	0.00	0.00
Return on Equity	0.00	0.00	0.00	0.00	0.00
IWC	0.70	0.68	0.65	0.68	0.70
O&M Expenses	16.10	16.67	17.25	17.86	18.50
Total	16.80	17.35	17.90	18.54	19.20

- 11 That by the present Petition Petitioner prays for determination of Transmission Tariff of the aforesaid Assets as per CERC (Terms and Conditions of Tariff) Regulations, 2024 for the period from 2024-25 to 2028-2029.
- 12 That in line with Commission's approval of Yearly Transmission Charges (YTC) as decided in Petition No. 290/TT/2022, petitioner claims the YTC of the Assets for 2024-29 Block period. Accordingly, Petitioner claims IWC (**Interest on Working Capital**) and **O & M Expenses** of the subject Lines for the Tariff Period 2024-29 in lieu of Yearly Transmission Charges.
- 13 That IWC (**Interest on Working Capital**) of Asset I & II have been computed for the years from 2024-25 to 2028-29 as under:



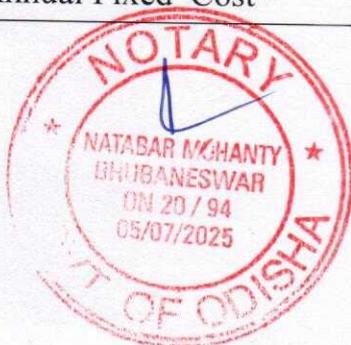
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Sr. General Manager (RT&C)
OPTCL, Bhubaneswar

(Rupees in Lakhs)

Assets-I	2024-25	2025-26	2026- 27	2027-28	2028-29
Interest Rate	11.90%	11.90%	11.90%	11.90%	11.90%
Receivables equivalent to 45 days of annual fixed cost	0.98	1.03	1.09	1.14	1.20
Maintenance spares @ 15% of operation and maintenance expenses including security expenses	1.14	1.20	1.27	1.33	1.40
Operation and maintenance expenses, including security expenses for one month	0.64	0.67	0.70	0.74	0.78
Sub Total	2.76	2.91	3.06	3.21	3.38
Annual Fixed Cost	7.95	8.37	8.81	9.26	9.75
Interest on Working Capital	0.33	0.35	0.36	0.38	0.40

(Rupees in Lakhs)

Assets-II	2024-25	2025-26	2026-27	2027-28	2028-29
Interest Rate	11.90%	11.90%	11.90%	11.90%	11.90%
Receivables equivalent to 45 days of annual fixed cost	2.02	2.13	2.24	2.36	2.47
"Maintenance spares @ 15% of operation and maintenance expenses including security expenses	2.36	2.49	2.62	2.75	2.89
Operation and maintenance expenses, including security expenses for one month	1.31	1.38	1.45	1.53	1.61
Sub Total	5.70	6.00	6.31	6.64	6.98
Annual Fixed Cost	16.42	17.29	18.19	19.13	20.13



Prabeer Kumar Mallik
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OPTCL, Bhubaneswar

Interest on Working Capital	0.68	0.71	0.75	0.79	0.83
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Rate of Interest on Working Capital shall be on a Normative Basis and shall be considered at the Reference Rate of Interest as on 1.4.2024 or as on 1st April of the year during the Tariff period 2024-29 {Regulations 34(d) (3) under Chapter - 8}

\$ 'Reference Rate of Interest' means the one year Marginal Cost of Funds based Lending Rate (MCLR) of the State Bank of India (SBI) issued from time to time plus 325 basis points; {Section 3(66) under Chapter -1}

** The 1 year MCLR Rate of SBI is as under:

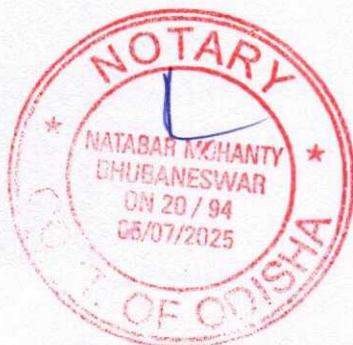
Date	1 year MCLR	Effective Interest Rate
15.03.2024	8.65%	11.90%
15.04.2024	8.65%	11.90%

Therefore, Rate of Interest for Calculation of Working Capital for FY 2024-25, 2025-26, 2026-27, 2027-28 & 2028-29 is considered as 11.90%, 11.90%, 11.90%, 11.90% & 11.90% respectively.

14. That total Tariff claimed towards IWC Expenses for OPTCL Lines is given below:

(Rupees in Lakhs)					
Asset	2024-25	2025-26	2026-27	2027-28	2028-29
Asset-I	0.33	0.35	0.36	0.38	0.40
Asset-II	0.68	0.71	0.75	0.79	0.83
Total	1.01	1.06	1.11	1.17	1.23

15. Vide Order dated 30.04.2023 in Petition No. 290/TT/2022 the Commission has approved the O&M Expenses for the Rate



Prabeer Kumar Mallik
Sr. General Manager (K&C)
OPTCL, Bhubaneswar

specified for Single Circuit (Twin & Triple Conductor) with the observation that the Twin Moose Conductor which is widely used in State Transmission Lines.

16. That as per Regulation 36(3) of CERC Tariff Regulations, 2024 O&M Expenses for Single Circuit (Twin & Triple Conductor) Configuration are as under:

(Rs in Lakhs per circuit-km)

Year	2024-25	2025-26	2026-27	2027-28	2028-29
O&M Expenses	0.492	0.518	0.545	0.573	0.603

17. That accordingly the Petitioner has calculated the Asset-wise O&M Expenses considering the Ckt - Kms of Asset-I (15.50 km) and Asset-II (32.0km) as under:

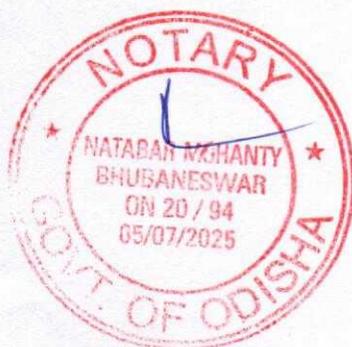
(Rupees in Lakhs)

Year	CKT KM	2024-25	2025-26	2026-27	2027-28	2028-29
Asset-I	15.50	7.63	8.03	8.45	8.88	9.35
Asset-II	32.00	15.74	16.58	17.44	18.34	19.30
Total		23.370	24.605	25.888	27.218	28.643

18. That the total YTC claimed for the Control Period 2024-2029 as under:

(Rupees in Lakhs)

Year	2024-25	2025-26	2026-27	2027-28	2028-29
Asset-I	7.95	8.37	8.81	9.26	9.75
Asset-II	16.42	17.29	18.19	19.13	20.13
Total	24.38	25.66	27.00	28.39	29.87



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Sr. General Manager (RT & C)
OPTCL, Bhubaneswar

19. Regulation 94 (1) of CERC (Terms and Conditions of Tariff) Regulations, 2024 is quoted below:-

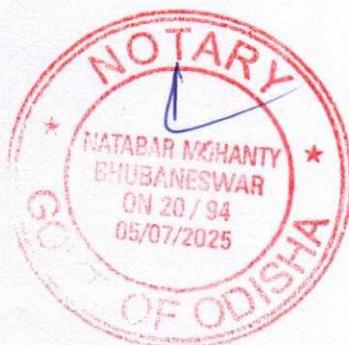
“The application filing fee and the expenses incurred on publication of notices in the application for approval of tariff, may at the discretion of the Commission, be allowed to be recovered by the generating company or the transmission licensee, as the case may be, directly from the beneficiaries or the long term customers, as the case may be.”

20. It is submitted that OPTCL has already deposited Filing Fees of Rs. 5,00,000/- vide. Transaction no. **IBP TECHPROCESS PAYMENT SE 000082171720 25/09/2024**. Expenditure to be incurred towards Publication of Notices in Newspapers will be incurred after filing the instant Application. The Commission may, therefore, allow the same to be recovered from the Beneficiary.
21. The Petitioner craves leave and reserves its right to make further submissions at the time of hearing.

PRAYER

In the above premises, it is prayed as under:

- (a) Yearly Transmission Charges (YTC) of 220 kV SC Joda - Ramachandrapur and 220 kV SC Jindal-Jamshedpur (DVC) Lines for 2024-29 Tariff Block may be allowed as claimed by the Petitioner;



Prabeer Kumar Mallik
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OPTCL, Bhubaneswar

- (b) Implementing Agency may be directed to incorporate Tariff so determined in PoC Calculation as per CERC (Sharing of Inter-state Transmission Charges and Losses) Regulations, 2020;
- (c) Power Grid Corporation of India Limited (PGCIL), CTUIL may be directed to collect Tariff from DICs and disburse the same to OPTCL;
- (d) Beneficiaries may be directed to reimburse the Filing Fee and Publication Expenses;
- (e) Such other Order/s as may be deemed just and proper in the facts and circumstances of the Case may be passed.

Odisha Power Transmission Corporation Limited (OPTCL), Petitioner

Through

Prabeer Kumar Mallik

()
Sr. General Manager (El.), RT&C

Sr. General Manager (RT&C)
OPTCL, Bhubaneswar

Through

(RAJ KUMAR MEHTA),
Advocate for the Petitioner



BEFORE THE CENTRAL ELECTRICITY REGULATORY
COMMISSION
36, JANPATH, NEW DELHI-110001

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FILING NO:-

IN THE MATTER OF:

Petition for approval of Tariff of two Nos. of non- ISTS Lines ,namely 220kv Joda - Ramchandrapur (SC) and 220kv SC Jindal-Jamshedpur(DVC) lines of OPTCL and inclusion in PoC (Point of Connection) Charges and Losses in accordance with CERC(Sharing of Inter-State Transmission Charges and Losses) Regulations,2020 as per order dated 12.05.2017 in Suo - Motu Petition No-12/SM/2017.

AND IN THE MATTER OF :

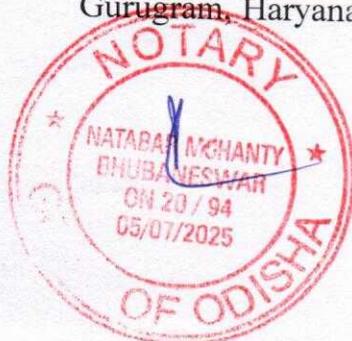
Odisha Power Transmission Corporation Limited (OPTCL)
Janpath, Bhubaneswar, Odisha.

....Petitioner

Versus

1. Jharkhand State Electricity Board,
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4. Central Transmission Utility of India Limited,
Soudamini, Plot No. 02, Sector-29,
Gurugram, Haryana, 122001.

.... Respondents



Prabeer Kumar Mallick
Sr. General Manager (RT&C)
OPTCL, Bhubaneswar

Affidavit verifying the petition

I, Shri Prabeer Kumar mallick, son of Late Binod Bihari Mallick, aged about 59 years, residing at Cuttack, do solemnly affirm and say as follows;

1. I am the Sr. General Manager (Regulation and Tariff & Commercial) of M/s Odisha Power Transmission Corporation Limited (OPTCL) and am duly authorised to affirm this affidavit.
2. I submit that the enclosed petition for approval of Tariff for inclusion of Transmission Assets in computation of point of connection (PoC) charges and losses in respect of Transmission system of Odisha Power Transmission Corporation Limited (OPTCL) comprising 220KV S/C Joda- Ramchandrapur Line & 220KV S/C Jindal-Jamshedpur Line for the period from 2024 To 2029 has been proposed in accordance with CERC (Terms & Condition of Tariff), Regulation 2024.
3. I submit that no other petition has been filed by the petitioner in respect of the subject matter of the present petition.
4. The statements made in the enclosed petition are based on petitioner Company's official records maintained in the ordinary course of business and I believe them to be true and correct.

Prabeer Kumar Mallick
(DEPONENT)

VERIFICATION

Solemnly affirmed at Bhubaneswar on this ^{26th} day of Sept. 2024, that the contents of the above affidavit are true to my knowledge and belief and no part of it is false and nothing material has been concealed there from.

Prabeer Kumar Mallick
(DEPONENT)

**Sr. General Manager (RT&C)
OPTCL, Bhubaneswar**



SWORN BEFORE ME

N. Mohanty

**N. MOHANTY
NOTARY**

Regd. No. ON 20/94
382, Bhoi Nagar,
Bhubaneswar-751022

26-09-2024

CENTRAL ELECTRICITY REGULATORY COMMISSION, NEW DELHI
PETITION NO.

IN THE MATTER:

Odisha Power Transmission Corporation Limited

....Petitioner

Versus

....Respondents

VAKALATNAMA

I, Company Secretary, Odisha Power Transmission Corporation Limited for and on behalf of the Petitioner in the above Petition do hereby appoint and retain **Shri Raj Kumar Mehta Advocate**, Supreme Court of India, New Delhi to appear, plead and act for me/us in the above petition/application and to conduct and prosecute all proceedings that may be taken in respect thereof and applications for return of documents, enter into compromise and to draw any moneys payable to me/us in the said proceeding.

Place: Bhubaneswar

Date: 26.09.2024

Prasanta Kumar Das
Signature of the Party
Company Secretary
OPTCL, Bhubaneswar-07

"Accepted"



(RAJ KUMAR MEHTA)
Advocate for Petitioner
OPTCL

Executed in my presence

N. Mohanty
N. MOHANTY
NOTARY
26.09.2024
(Name and Designation)
382, Bhoi Nagar,
Bhubaneswar-751022

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