

**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Petition No. 172/TL/2024

Coram:

Shri Jishnu Barua, Chairperson

Shri Ramesh Babu V., Member

Shri Harish Dudani, Member

Date of order: 30th September, 2024

In the matter of:

Application under Section 14 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission Licence and other related matters) Regulations, 2009 for grant of separate Transmission Licence to POWERGRID Ananthpuram Kurnool Transmission Limited for Implementation of 3 nos. of 400kV line bays at Ananthpuram PS for integration of RE generation projects under "Regulated Tariff Mechanism" (RTM) mode.

And

In the matter of

POWERGRID Ananthpuram Kurnool Transmission Limited,
B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi – 110016.

Address for correspondence:

ED(TBCB), Power Grid Corporation of India Limited,
Saudamini, Plot no.2, Sector-29,
Gurgaon-122001, Haryana.

.....Petitioner

Vs.

1. Central Transmission Utility of India Limited,
Saudamini, Plot no.2, Sector -29,
Gurgaon-122001, Haryana.

2. PFC Consulting Limited,
9th Floor,A-Wing, Statesman House,
Connaught Place, New Delhi- 110001.

3. Andhra Pradesh Power Purchase Coordination Committee,
Andhra Pradesh Power Co-ordination Committee,

Vidyut Soudha, Gunadala,
Vijayawada-520004, Andhra Pradesh.

4. Bangalore Electricity Supply Company,
Corporate Office, BESCOM K.R.Circle,
Bangalore-560001.

5. Gulbarga Electricity Supply Company,
Gulbarga Electricity Supply Company,
Gulbarga-585102.

6. Hubli Electricity Supply Company,
HESCOM, Navanagar, P.B Road,
Hubballi-580025.

7. Mangalore Electricity Supply Company,
3rd Floor, MESCOM Bhavan, Corporate Office,
MESCOM, Kavour Cross Road, Bejai,
Mangalore- 575004.

8. Chamundeswari Elect. Supply Company Limited,
CESC Mysore, Corporate Office,
#29, Vijayanagara 2nd Stage, Hinkal,
Mysuru-570017.

9. KSEB Limited,
Kerala Electricity Board, Vydyuthi Bhavanam,
Pattom, Thiruvananthapuram-695004, Kerala.

10. Tamil Nadu Generation and Distribution Company Limited,
Chief Financial Controller/Revenue / Eastern Wing,
7th Floor, NPKRR Maaligai,144,
Anna Salai, Chennai - 600 002

11. Telangana State PC Committee,
Vidyut Soudha, Khairathabad,
Hyderabad-500082, Telangana.

12. Puducherry Electricity Department,
1st Floor, Main Building, Electricity Department,
Govt of Puducherry, Puducherry-605001.

13. Goa Electricity Department-SR,
Electricity Department, Division No: III,
Curti, Ponda- 403401, Goa.

14. HVDC, Kolar, Power Grid Corporation of India Limited,

SRTS# II, Pragati Mahalakshmi,
South Block, (2nd & 3rd Floor),
No.62, Bangalore, 560001, Karnataka.

15. Thermal Powertech Corporation India,
Door No. 6-3-1090, 2nd Floor, C Block,
Tsr Towers, Raj Bhavan Road,
Somajiguda, Hyderabad - 500082
(Opposite Villae Marie College).

16. SAIL-Salem Steel Plant,
Salem Steel Plant,
Steel Authority of India Limited,
Salem- 636013.

17. Sembcorp Gayatri Power Limited,
6-3-1090, 5th Floor, A Block,
TSR Towers, Raj Bhavan Road,
Somajiguda, Hyderabad.

18. South Western Railway,
Office of Senior Divisional Electrical Engineer,
Divisional Railway Manager Building,
Traction Distribution Branch, Ground Floor,
Adjacent to City Railway Station, Bengaluru- 560023.

19. Pugalur HVDC Station, POWERGRID,
HVDC-Pugalur Nochipalayam Post,
Sirukinar Village Dharmapuram Taluk,
Tiruppur -638706, Tamil Nadu.

20. Thrissur HVDC Station, POWERGRID,
HVDC-THRISSUR sub-station,
Power Grid Corporation of India Limited,
Near Cashew Research Station,
Mannuthy Thannikudem Road,
Madakathara, Thrissur-680651, Kerala.

...Respondents

The following were present:

Shri Prashant Kumar, AKTL
Shri V. C. Sekhar, AKTL
Shri S. Vallinayagam, Advocate, TANGEDCO
Shri M. Sethuraman, TANGEDCO
Dr. R. Kathiravan, TANGEDCO
Shri Ranjeet Rajput, CTUIL
Shri Siddharth Sharma, CTUIL

Ms. Priyansi Jadiya, CTUIL
Ms. Kavya Bharadwaj, CTUIL

ORDER

The Petitioner, POWERGRID Ananthpuram Kurnool Transmission Limited, (in Short 'PAKTL'), has filed the present Petition under Section 14 of the Electricity Act, 2003 (hereinafter referred to as 'the Act') read with the provisions of the Central Electricity Regulatory Commission (Terms and Conditions for grant of Transmission Licence and other related matters) Regulations, 2009 (hereinafter referred to as 'the Transmission Licence Regulations') for the grant of a separate transmission licence for the implementation of transmission system for implementation of 3 nos. of 400kV line bays at Ananthpuram PS for integration of RE generation projects through "Regulated Tariff Mechanism" (RTM) mode (hereinafter referred to as the 'transmission scheme/project'). The scope of the project for which a transmission licence has been sought is as follows:

Sl. No.	Name of the scheme and Implementation timeframe	Estimated Cost (₹ crore)	Remark
1	2nos. of 400 kV line bays at Ananthpuram PS for Connectivity to M/s Renew Vikram Shakti Pvt. Ltd. Implementation timeframe: 31.3.2026	45.64 crores	400kV line bays- 2 Nos.
2	1no. of 400 kV line bay at Ananthpuram PS for Connectivity to M/s ABC Cleantech Pvt. Ltd. Implementation timeframe: 31.3.2026		400kV line bays- 1No.

2. The Petitioner, POWERGRID Ananthpuram Kurnool Transmission Limited (a 100% wholly owned subsidiary of Power Grid Corporation of India Limited) is an Inter-State

Transmission Licensee implementing the "Transmission Scheme for Solar Energy Zone in Ananthpuram (Ananthapur) (2500 MW) and Kurnool (1000 MW), Andhra Pradesh "on a Build, Own, Operate and Transfer (BOOT) basis through TBCB route (hereinafter referred to as "TBCB Project"). The Commission, vide its order dated 29.2.2024 in Petition No. 340/TL/2023, granted a transmission licence to POWERGRID Ananthpuram Kurnool Transmission Limited for aforesaid TBCB Project consisting of the following elements:

S.No.	Project elements	Scheduled COD
1.	<p><i>Establishment of 400/220 kV, 7x500 MVA pooling station at a suitable border location between Ananthpuram & Kurnool Distt with 400kV (2x125 MVAR) bus reactor</i></p> <p>A. 400kV</p> <p><i>i ICT: 7x500MVA, 400/220kV</i></p> <p><i>ii ICT bay: 7 nos.</i></p> <p><i>iii Line bay: 4 nos.</i></p> <p><i>iv Bus Reactor: 2x125 MVAR, 420kV</i></p> <p><i>v Bus Reactor bay: 2 nos.</i></p> <p><i>vi Line Reactor: 2x80 MVAR, 420kV</i></p> <p><i>vii Switchable line reactor bay: 2 nos.</i></p> <p><i>viii Space for future line bays along with switchable line reactor: 12 nos.</i></p> <p><i>ix Space for future 400/220kV ICTs along with associated bay: 4 nos.</i></p> <p>B. 220Kv</p> <p><i>i ICT bay: 7 nos.</i></p> <p><i>ii Line bay: 12 nos.</i></p> <p><i>iii Bus sectionalizer: 2 sets</i></p> <p><i>iv Bus coupler bay: 3 nos.</i></p> <p><i>v Transfer Bus coupler bay: 3 nos.</i></p> <p><i>vi Space for future 400/220kV ICTs along with associated bays: 4 nos.</i></p> <p><i>vii Space for future line bays: 8 nos.</i></p> <p><i>viii Space for additional future 220kV Bus Sectionalizer:</i></p> <p><i>1set</i></p>	24 months from SPV Transfer.

S.No.	Project elements	Scheduled COD
	<i>ix Space for additional future 220kV TBC bay: 1 nos. x Space for additional future 220kV BC bay: 1 nos</i>	
2.	<i>Ananthpuram PS-Kurnool-III PS 400 kV (Quad moose) D/c Line</i>	24 months from SPV Transfer.
3.	<i>2 Nos 400 kV line bays at Kurnool-III PS for Ananthpuram PS-Kurnool-III PS 400 kV D/c line</i>	24 months from SPV Transfer.
4.	<i>Ananthpuram PS-Cuddapah-400kV (Quad moose) D/c Line</i>	24 months from SPV Transfer.
5.	<i>2 Nos 400 kV line bays at Cuddapah PS for Ananthpuram PS-Cuddapah 400 kV D/c line</i>	24 months from SPV Transfer.
6.	<i>80 MVAR, 420 KV switchable line reactor at Ananthpuram PS for each circuit of Ananthpuram PS Cuddapah 400 kV D/c line, along with associated switching equipment</i>	24 months from SPV Transfer.

Note:

i. Developer of Kurnool-III PS shall provide space for 2 no. of 400 kV line bays at Kurnool-III PS for termination of Ananthpuram PS-Kurnool-III PS 400 kV (Quad Moose) D/c Line.

ii. Powergrid shall provide space for 2 no. of 400 kV line bays at Cuddapah PS for termination of Ananthpuram PS-Cuddapah 400 kV (Quad Moose) D/c Line.”

3. The Central Transmission Utility of India Limited (CTUIL) has issued an Office Memorandum dated 22.3.2024 to the Petitioner wherein it has approved and nominated the Petitioner company to implement the transmission scheme through the “Regulated Tariff Mechanism” (RTM) mode.

4. The Petitioner has submitted that after the grant of a separate transmission licence, the Petitioner shall proceed to implement the transmission scheme under the RTM mode. The estimated completion cost of the transmission scheme, as per CTUIL’s Office Memorandum (OM), is Rs. 45.64 crore. After completion of the transmission scheme, the Petitioner shall approach the Commission for the determination of the transmission