

**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Petition No. 424/TL/2024

Coram:

Shri Jishnu Barua, Chairperson

Shri Ramesh Babu V., Member

Shri Harish Dudani, Member

Shri Ravinder Singh Dhillon, Member

Date of Order: 6th June, 2025

In the matter of

Petition under Sections 14, 15 and 79(1)(e) 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, 2024 with respect to grant of Transmission Licence to Jamnagar Transmission Limited.

And

In the matter of

Jamnagar Transmission Limited,

C-105, Anand Niketan,

New Delhi-110021.

...Petitioner

Vs

1. Central Transmission Utility of India Limited,

Saudamini, Plot No.2, Sector-29,

Gurgaon-122001.

2. PFC Consulting Limited,

Urjanidhi, 1, Barakhamba Lane,

Connaught Place, New Delhi-110001.

3. Madhya Pradesh Power Management Company Limited,

Block No. – 11, Ground Floor, Shakti Bhavan,

Vidhyut Nagar, Rampur,

Jabalpur-482008, Madhya Pradesh.

4. Chhattisgarh State Power Distribution Company Limited,

P.O. Sunder Nagar, Dangania,

Raipur-492013, Chhattisgarh.

5. Maharashtra State Electricity Distribution Company Limited,

Prakashgad, 4th Floor, Bandra (East),

Mumbai-400051.

6. Gujarat Urja Vikas Nigam Limited,

Vidhyut Bhavan, Race Course,

Vadodara–390007.

7. DNH Power Distribution Corporation Limited,
66 kV, Amlī Ind. Estate,
Silvassa–396230, Dadar Nagar Haveli.

8. Electricity department, Government of Goa,
Vidyut Bhavan, Near Mandvi Hotel,
Panaji, Goa–403001.

**9. Dadra and Nagar Haveli and Daman and Diu
Power Distribution Corporation Limited,**
1st & 2nd Floor, Vidyut Bhavan, Silvassa,
Dadra and Nagar Haveli–396230.

...Respondents

Parties present:

Shri Afak Pothiwala, JTL
Shri Swapnil Verma, CTUIL
Shri Ranjeet S Rajput, CTUIL
Shri Shashank Shekhar, CTUIL

ORDER

The Petitioner, Jamnagar Transmission Limited (hereinafter referred to as “the Petitioner”), has filed the present Petition for the grant of a transmission licence under Sections 14 and 15 of the Electricity Act, 2003 (hereinafter referred to as “the Act”) read with the Central Electricity Regulatory Commission (Procedure, Terms, and Conditions for grant of Transmission Licence and other related matters) Regulations, 2024 (hereinafter referred to as “Transmission Licence Regulations”) to establish the transmission project for the “*Network Expansion scheme in Gujarat for drawl of about 3.6 GW load under Phase-I in Jamnagar area*” on a Build, Own, Operate and Transfer basis (hereinafter referred to as “the Project”) consisting of the following elements:

S. No.	Name of the Transmission Element	Scheduled COD in months from Effective Date
1	Establishment of 2x1500 MVA 765/400 kV Jamnagar (GIS) PS with 2x330 MVAR 765 kV bus reactor and 2x125 MVAR 420 kV bus reactor. • 765/400 kV, 1500 MVA ICT-2 Nos. • 765 kV ICT bays- 2 Nos.	

S. No.	Name of the Transmission Element	Scheduled COD in months from Effective Date
	• 400 kV ICT bays- 2 Nos. • 330 MVAR 765 kV bus reactor- 2 Nos. • 125 MVAR 420 kV bus reactor- 2 Nos. • 765 kV reactor bay- 2 Nos. • 765 kV line bay- 2 Nos. • 400 kV reactor bay- 2 Nos. • 400 kV line bay- 10 Nos. • 500 MVA, 765/400 kV 1-Ph Spare ICT-1 No. • 110 MVAR, 765 kV, 1-ph reactor (spare unit for line/bus reactor)-1 No. Future Provisions: Space for • 765/400 kV ICT along with bays- 4 no. • 765 kV line bays along with switchable line reactors – 10 nos. • 765 kV Bus Reactor along with bay: 2 no. • 765 kV Sectionalizer bay: 1 -set • 400 kV line bays along with switchable line reactor – 8 nos. • 400/220 kV ICT along with bays -6 nos. • 420 kV Bus Reactor along with bay: 2 no. • 400 kV Sectionalization bay: 1- set • 220 kV line bays: 14 nos. • 220 kV Sectionalization bay: 1 set • 220 kV BC: 1 no. • 80MVAR 1-ph spare reactor unit	24 months (14.10.2026)
2	Halvad – Jamnagar 765 kV D/c line	
3	2 nos. of 765 kV line bays at Halvad for termination of Halvad – Jamnagar 765 kV D/c line • 765 kV line bays– 2 Nos. (for Halvad end)	
4	330 MVA switchable line reactors on each ckt at Jamnagar end of Halvad – Jamnagar 765 kV D/c line (with NGR bypass arrangement) • 330 MVA, 765 kV switchable line reactor- 2 Nos. • Switching equipments for 765 kV line reactor- 2 Nos.	
5	LILO of Jam Khambhaliya PS – Lakadia 400 kV D/c (triple snowbird) line at Jamnagar.	
6	50 MVA, 420 kV switchable line reactors on each ckt at the Jamnagar end of Jamnagar – Lakadia 400kV D/c line (with NGR bypass arrangement) • 50 MVA, 420 kV switchable line reactor- 2 Nos. • Switching equipments for 400 kV line reactor- 2 Nos.	
7	Jamnagar – Jam Khambhaliya 400 kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line	
8	2 nos. of 400kV line bays at Jam Khambhaliya for termination of Jamnagar – Jam Khambhaliya 400kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line • 400 kV line bays (GIS) - 2 Nos. (for Jam Khambhaliya end)	
9	LILO of CGPL – Jetpur 400kV D/c (triple snowbird) line at Jamnagar.	
10	80MVA, 420kV switchable line reactors on each ckt at the Jamnagar end of Jamnagar – CGPL 400kV D/c line (with NGR bypass arrangement) • 80 MVA, 420 kV switchable line reactor- 2 Nos. • Switching equipments for 400 kV line reactor- 2 Nos	
11	LILO of both ckts of Kalavad – Bhogat 400kV D/c line (Twin AL-59) at Jam Khambhaliya PS	
12	4 nos. of 400kV line bays at Jam Khambhaliya for LILO of both ckts of Kalavad – Bhogat 400kV D/c line • 400 kV line bays (GIS) – 4 Nos. (for Jam Khambhaliya end)	

S. No.	Name of the Transmission Element	Scheduled COD in months from Effective Date
13	±400 MVAR STATCOM with 3x125 MVAR MSC & 2x125 MVAR MSR at Jamnagar 400kV Bus section • ±400 MVAR STATCOM (with MSC/MSR) • 400 kV bay – 2 no. (1 no. for STATCOM and 2nd for Dia. completion) *	

* The TSP shall implement one complete diameter (GIS) consisting of 2 main bays & 1 Tie bay in one and half breaker scheme.

Note:

- i Bay(s) required for completion of diameter (GIS) in one-and-half breaker scheme shall also be executed by the TSP.
- ii TSP (JKTL) shall enable Inter-tripping scheme on Jamnagar-Jam Khambhaliya 400 kV D/c line (for tripping of the 63 MVAR switchable line reactor at Jam Khambhaliya PS end along with the main line breaker) after commissioning of the above system.
- iii TSP of the present scheme shall implement Inter-tripping scheme on Jamnagar-Lakadia 400 kV D/c line (for tripping of the 50MVAR switchable line reactor at Jamnagar end along with the main line breaker) after commissioning of the above system.
- iv The line lengths mentioned above are approximate as the exact length shall be obtained after the detailed survey.”

2. Based on the competitive bidding carried out by the PFC Consulting Limited (PFCCL), in its capacity as the Bid Process Coordinator (BPC), in accordance with the Guidelines issued by the Ministry of Power, Government of India under Section 63 of the Act, Adani Energy Solutions Limited was declared a successful bidder with the lowest quoted annual transmission charges of Rs. 3,917.57 million per annum.

3. The Commission, after considering the application of the Petitioner in light of the provisions of the Act and the Transmission Licence Regulations, in its order dated 18.1.2025, *prima facie* proposed to grant a transmission licence to the Petitioner. The relevant extracts of the order dated 18.1.2025 are extracted as under:

“24. Considering the material on record, we are prima-facie of the view that the Petitioner satisfies the conditions for the grant of inter-State transmission licence under Section 15 of the Act read with the Transmission Licence Regulations for the transmission system as described in para 1 of this order. We, therefore, direct that a public notice in two daily digital newspapers and on the Commission`s website under clause (a) of sub-section (5) of Section 15 of the Act be published to invite suggestions or objections to the grant of transmission licence aforesaid. The objections or suggestions, if any, be filed by any person before the Commission by 4.2.2025.”

4. A public notice under Sub-section (5) of Section 15 of the Act was published in all editions of the Indian Express (English) and Rashtriya Sahara (Hindi) on 23.1.2025. No suggestions/ objections have been received from members of the public in response to the public notice.

Hearing Dated: 27.02.2025, 20.3.2025.

5. The matter was called out for the hearing on 20.3.2025. During the course of the hearing, the representative of the Petitioner submitted that no objection had been received in response to the public notice published by the Commission under sub-section (5) of Section 15 of the Act. During the course of the hearing on 27.2.2025, the Commission observed that as per the minutes of the 15th NCT meeting dated 25.8.2023, the instant scheme was planned to cater to drawal in phase-I upto 3.6 GW in Jamnagar area however, as per the information filed by CTUIL, 1750 MW GNA applications for drawal have been withdrawn at the proposed Jamnagar S/s and only REGS are proposed to be connected. Accordingly, CTUIL was directed to clarify, on an affidavit, within a week, whether any system study has been carried out for such circumstances of injection of power in place of drawal, and consequently, any change in scope would be required for the instant transmission scheme. In response, CTUIL vide affidavit dated 12.03.2025 clarified as under:

(a) The scheme was planned for integrating bulk consumer loads in Jamnagar/ Jam Khambaliya area and also to enhance the transfer capability of Jam Khambhaliya- Lakadia 400 kV D/c line (long, presently radial line), strengthen the transmission system in Jam Khambhaliya area, and to facilitate drawal/injection of power by GETCO as well as by other drawee / RE applicants at Jam Khambhaliya PS.

(b) The scheme shall strengthen the transmission system in the Jam Khambhaliya area and shall facilitate drawl/injection of power by GETCO as well as by other drawee applicants at the Jam Khambhaliya PS in the future. Even in the absence of 1750 MW drawal by RIL (Bulk Consumer) at Jamnagar PS, the scheme is required for the above purposes. Moreover, the scheme would also facilitate the evacuation of 1 GW of power from various REGS projects, which have been agreed to be granted at Jamnagar PS.

6. CTUIL justified continuing with the instant scheme by stating that the transmission scheme was not only planned for integrating bulk consumers but also to enhance the transfer capability of the Jam Khambhaliya-Lakhadia 400kV D/c line (radial) and drawal/ injection of power by GETCO as well as other drawee/ RE applicants.

Hearing dated 20.05.2025:

7. During the course of the hearing, the representatives of the parties reiterated the submissions made in the Petition. After hearing the parties, the Commission reserved the matter for Order.

8. As regards the grant of a transmission licence, Clauses (13) and (14) of Regulation 5 of the 2024 Transmission Licence Regulations provide as under:

“(13) The Commission may, after consideration of the further suggestions and objections, if any, received in response to the public notice in terms of Clause (12) of this Regulation, grant licence to the applicant in Form-III appended to these regulations or for reasons to be recorded in writing, reject the application.

(14) The Commission shall before granting licence or rejecting the application under the provisions of this Regulation provide an opportunity of hearing to the applicant, CTUIL, the concerned DICs, or the person who has filed suggestions

and objections, or any other interested person.

(15) The Commission shall, within 7 days of making the order to grant the licence to an applicant send a copy of the licence to the Central Government, the Central Electricity Authority, the Central Transmission Utility, the applicant and the concerned DIC(s)."

9. In our order dated 18.1.2025, we had proposed to grant a transmission licence to the Petitioner company and directed the issue of public notice. In response to the public notice, no suggestions/objections have been received. CTUIL, in its letter dated 6.11.2024, has recommended the grant of a transmission licence to the Petitioner. We find that the Petitioner company meets the requirements of the Act and the Transmission Licence Regulations, 2024, for the grant of a transmission licence for the subject Transmission System mentioned in paragraph 1 of this order. Considering the submissions of the Petitioner and CTUIL, we direct that a transmission licence be granted to the Petitioner, 'Jamnagar Transmission Limited,' to establish the transmission project for the "*Network Expansion scheme in Gujarat for drawl of about 3.6 GW load under Phase-I in Jamnagar area*" on a Build, Own, Operate and Transfer basis as per the details given in paragraph 1 above.

10. The grant of the transmission licence to the Petitioner (hereinafter referred to as "the licensee") is subject to the fulfilment of the following conditions throughout the period of the licence:

(a) The transmission licence shall, unless revoked earlier, remain in force for a period of 25 years from the date of issue;

(b) The transmission licensee shall comply with the provisions of the Central Electricity Regulatory Commission (Procedure, Terms, and Conditions for grant of Transmission Licence and other related matters) Regulations, 2024

(hereinafter referred to as “2024 Transmission Licence Regulations”) or any subsequent enactment thereof during the period of subsistence of the licence;

(c) The licensee may make an application, two years before the expiry of the initial licence period, for the grant of the transmission licence for another term in accordance with Regulation 9 (2) of the 2024 Transmission Licence Regulations, which shall be considered by the Commission in accordance with law;

(d) The licensee shall not enter into any contract for or otherwise engage in the business of trading in electricity during the period of subsistence of the transmission licence;

(e) The licensee shall have the liability to pay the license fee in accordance with the provisions of the Central Electricity Regulatory Commission (Payment of Fees) Regulations, 2012, as amended from time to time or any subsequent enactment thereof. Delay in payment or non-payment of licence fee or a part thereof for a period exceeding sixty days shall be construed as a breach of the terms and conditions of the licence;

(f) The licensee shall comply with the directions of the National Load Despatch Centre under Section 26 of the Act, or the Regional Load Despatch Centre under sub-section (3) of Section 28 or sub-section (1) of Section 29 of the Act, as may be issued from time to time for maintaining the availability of the transmission system;

(g) The licensee shall remain bound by the provisions of the Central Electricity Regulatory Commission (Standard of Performance of inter-State transmission licensees) Regulations, 2012 or subsequent enactment thereof;

(h) The licensee shall provide the non-discriminatory open access to its Transmission System for use by any other licensee, including a distribution licensee or an electricity trader, or generating company or any other person in accordance with the Act; the Central Electricity Regulatory Commission (Open Access in inter-State Transmission) Regulations, 2008; the Central Electricity Regulatory Commission (Connectivity and General Network Access to the inter-State Transmission System) Regulations, 2023; the Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2023, as amended from time to time or any subsequent re-enactments thereof;

(i) The licensee shall not undertake any other business for optimum utilization of the Transmission System without prior intimation to the Commission and shall comply with the provisions of the Central Electricity Regulatory Commission (Sharing of Revenue Derived from Utilization of Transmission Assets for other business) Regulations, 2020;

(j) The licensee shall remain bound by provisions of the Central Electricity Regulatory Commission (Sharing of inter-State Transmission Charges and Losses) Regulations, 2020 as amended from time to time;

(k) The licensee shall remain bound by the provisions of the Act, the Rules and Regulations framed thereunder, in particular the 2024 Transmission Licence Regulations, the Grid Code, the Standards specified by the Central Electricity Authority, orders and directions of the Commission issued from time to time;

(l) The licensee shall ensure the execution of the Project as per the Technical Standards and Grid Standards of CEA;

(m) The licensee shall submit all such reports or information as may be required under 2024 Transmission Licence Regulations, Standard of Performance Regulations, or any other regulation of the Commission or as per the directions of the Commission as may be issued from time to time;

(n) The licensee shall ensure that the EPC contract for the execution of work under the scope of the project is awarded through a competitive bidding process.

11. CTUIL/its appointed Independent Engineer and the Central Electricity Authority shall monitor the execution of the Project and bring to the Commission's notice any lapse on the part of the licensee in meeting the schedule for further appropriate action in accordance with the provisions of the Transmission Service Agreement executed between the licensee and the Nodal Agency, the Act and the Transmission Licence Regulations.

12. An extract copy of this order is to be sent to CTUIL, CEA, and BPC for information and necessary action.

13. Petition No. 424/TL/2024 is allowed in terms of the above.

Sd/-
(Ravinder Singh Dhillon)
Member

sd/-
(Harish Dudani)
Member

sd/-
(Ramesh Babu V.)
Member

sd/-
(Jishnu Barua)
Chairperson