

**BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION  
NEW DELHI**

Petition under Section 14 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission License and other related matters) Regulations, 2024 for grant of separate RTM Transmission License to POWERGRID Bikaner IV Transmission Limited to implement transmission project "Augmentation of 2x500 MVA (7th & 8th), 400/220 kV ICTs along with 220 kV Sectionalizer bay (1 set), 220 kV BC (1 no.) bay and 220 kV TBC (1 no.) bay at Bikaner-IV PS & Implementation of 3 nos. of 220 kV line bays for interconnection of M/s Furies Solren Private Limited (300MW) [1 no. bay] & M/s SJVN Green Energy Limited (500MW) [2 no. bays] RE power projects at 765/400/220kV Bikaner-IV PS under "Regulated Tariff Mechanism" (RTM) Mode.

**PETITION NO:**

**POWERGRID Bikaner IV Transmission Limited**

**(A 100% wholly owned subsidiary of Power Grid Corporation of India Limited)**

**Registered office:**

**B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016**

**Address for Correspondence:**

**C/o ED (TBCB), Power Grid Corporation of India Limited**

**Saudamini, Plot no.2, Sector -29, Gurgaon 122001**

एन.के. पांडे / M.K. Pandey  
मुख्य महाप्रबन्धक / Chief General Manager  
परियोजना प्रभारी / Project In-charge  
पावरग्रिड बिकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited

प्रमाणित / Certified  
Digitally signed by M.K. Pandey  
पावरग्रिड बिकानेर IV ट्रांसमिशन लिमिटेड  
पावरग्रिड बिकानेर IV ट्रांसमिशन लिमिटेड  
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**BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION**

**NEW DELHI**

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**IN THE MATTER OF**

Petition under Section 14 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission License and other related matters) Regulations, 2024 for grant of separate RTM Transmission License to POWERGRID Bikaner IV Transmission Limited to implement transmission project "Augmentation of 2x500 MVA (7th & 8th), 400/220 kV ICTs along with 220 kV Sectionalizer bay (1 set), 220 kV BC (1 no.) bay and 220 kV TBC (1 no.) bay at Bikaner-IV PS & Implementation of 3 nos. of 220 kV line bays for interconnection of M/s Furies Solren Private Limited (300MW) [1 no. bay] & M/s SJVN Green Energy Limited (500MW) [2 no. bays] RE power projects at 765/400/220kV Bikaner-IV PS under "Regulated Tariff Mechanism" (RTM) Mode.

**POWERGRID Bikaner IV Transmission Limited**

**...PETITIONER**

**AND**

**Jodhpur Vidyut Vitran Nigam Limited (JDVVNL)**

**And others**

**...RESPONDENT(S)**

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श्री. जे. पंडे / Mr. J. Pandey  
मुख्य महाप्रबन्धक / Chief General Manager  
परिचालन शाखा / Project In-charge  
पावरग्रिड बिकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited

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**Filed by**

**POWERGRID Bikaner IV Transmission Limited**

**Represented By**

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PANDEY**

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PANDEY  
Date: 2025.06.23  
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**Project In- Charge**

**Date:**

**Place:** Bikaner

**POWERGRID Bikaner IV Transmission Limited**

शुभ के. पंडे / Sh.K. Pandey  
मुख्य महाप्रबन्धक / Chief General Manager  
परियोजना प्रबन्धी / Project In-charge  
पावरग्रिड बीकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited

प्रमाणित किया गया  
पावरग्रिड बीकानेर IV ट्रांसमिशन लिमिटेड  
पावरग्रिड लिमिटेड  
पावरग्रिड लिमिटेड



**BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION  
NEW DELHI**

**PETITION No:**

Petition under Section 14 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission License and other related matters) Regulations, 2024 for grant of separate RTM Transmission License to POWERGRID Bikaner IV Transmission Limited to implement transmission project "Augmentation of 2x500 MVA (7th & 8th), 400/220 kV ICTs along with 220 kV Sectionalizer bay (1 set), 220 kV BC (1 no.) bay and 220 kV TBC (1 no.) bay at Bikaner-IV PS & Implementation of 3 nos. of 220 kV line bays for interconnection of M/s Furies Solren Private Limited (300MW) [1 no. bay] & M/s SJVN Green Energy Limited (500MW) [2 no. bays] RE power projects at 765/400/220kV Bikaner-IV PS under "Regulated Tariff Mechanism" (RTM) Mode.

**POWERGRID Bikaner IV Transmission Limited**

**Registered office:** B-9, Qutab Institutional Area,  
Katwaria Sarai, New Delhi 110 016

**Address for correspondence:** C/o ED (TBCB),  
Power Grid Corporation of India Limited, Saudamini,  
Plot No.2, Sector -29, Gurgaon 122001

.....Applicant

**Versus**

**Jodhpur Vidyut Vitran Nigam Limited (JDVVNL)**

**And others**

.....Respondents

To,

**The Secretary,**

**Central Electricity Regulatory Commission,**

**6th, 7th & 8th Floors, Tower B, World Trade Centre,**

**Nauroji Nagar, New Delhi- 110029.**

एन.के. पंडे / N.K. Pandey  
मुख्य महाप्रबन्धक / Chief General Manager  
परियोजना प्रबन्धी / Project In-charge  
पावरग्रिड बीकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited

Sir,

Petition under Section 14 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission License and other related matters) Regulations, 2024 for grant of separate RTM Transmission License to POWERGRID Bikaner IV Transmission Limited to implement transmission project **Augmentation of 2x500 MVA (7th & 8th), 400/220 kV ICTs along with 220 kV Sectionalizer bay (1 set), 220 kV BC (1 no.) bay and 220 kV TBC (1 no.) bay at Bikaner-IV PS & Implementation of 3 nos. of 220 kV line bays for interconnection of M/s Furies Solren Private Limited (300MW) [1 no. bay] & M/s SJVN Green Energy Limited (500MW) [2 no. bays] RE power projects at 765/400/220kV Bikaner-IV PS through "Regulated Tariff Mechanism" (RTM) Mode may please be registered.**

Date:

Place: Bikaner

Represented By

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PANDEY

Project In- Charge

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POWERGRID Bikaner IV Transmission Limited

एन.के. पांडे/M.K. Pandey  
मुख्य महाप्रबन्धक/Chief General Manager  
परियोजना प्रभारी/Project In-charge  
पावरग्रिड बीकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited

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**POWERGRID Bikaner IV Transmission Limited**

**...PETITIONER**

**AND**

**Jodhpur Vidyut Vitran Nigam Limited (JDVVNL)**

**And others**

**...RESPONDENT(S)**

**MEMO OF PARTIES**

**POWERGRID Bikaner IV Transmission Limited**

**...PETITIONER**

**(A 100% wholly owned subsidiary of Power Grid Corporation of India Limited)**

**Registered office:** B-9, Qutab Institutional Area,  
Katwaria Sarai, New Delhi 110016

**Versus**

1.	Jodhpur Vidyut Vitran Nigam Ltd. New Power House, Industrial Area , Jodhpur – 342 003 (Rajasthan) Represented by its Managing Director.	...Respondent No. 1
2.	Ajmer Vidyut Vitran Nigam Ltd. Corporate office, Vidyut Bhawan,	...Respondent No. 2

एच.के. पांडे/H.K. Pandey  
मुख्य कार्यकारी/Chief General Manager  
प्रियोजना प्रभारी/Project In-charge  
पावरग्रिड बिकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited



	Panchsheel Nagar, Makarwali road Ajmer-305004 (Rajasthan) Represented by its Managing Director.	
3.	Jaipur Vidyut Vitran Nigam Ltd. 132 kV, GSS RVPNL Sub-station Building, Caligiri Road, Malviya Nagar, Jaipur-302017 (Rajasthan). Represented by its Managing Director.	...Respondent No. 3
4.	Uttar Pradesh Power Corporation Ltd. Shakti Bhawan, 14, Ashok Marg, Lucknow-226001 (Uttar Pradesh). Represented by its Chairman	...Respondent No. 4
5.	Himachal Pradesh State Electricity Board Ltd, Vidyut Bhawan, Kumar House Complex Building II, Shimla-171004 (Himachal Pradesh). Represented by its Chairman	...Respondent No. 5
6.	Punjab State Power Corporation Limited the Mall, PSEB head office, Patiala - 147 001 Represented by its Chairman and Managing Director	...Respondent No. 6
7.	Haryana Power Purchase Centre, Shakti Bhawan, Sector-6, Panchkula-134109 (Haryana). Represented by its S.E. / C & R-1	...Respondent No. 7
8.	Jammu Kashmir Power Corporation Limited 220/66/33 kV Gladni SS SLDC buliding Narwal, Jammu Represented by its Chairman	...Respondent No. 8
9.	BSES Yamuna Power Ltd. (BYPL) B-Block, Shakti Kiran, Bldg. (Near Karkardooma Courts), Karkardoomam 2nd Floor, New Delhi-110092 Represented by its CEO	...Respondent No. 9
10	BSES Rajdhani Power Ltd. (BRPL) BSES Bhawan, Nehru Place, New Delhi- 110019. Represented by its CEO	...Respondent No. 10
11	Tata Power Delhi Distribution Ltd. (TPDDL) NDPL House, Hudson Lines, Kingsway Camp, Delhi-110009. Represented by its CEO	...Respondent No. 11
12	Electricity Department, UT of Chandigarh Sector -9, Chandigarh. Represented by its Chief Engineer	...Respondent No. 12
13	Uttarakhand Power Corporation Ltd. Urja Bhawan, Kanwali Road, Dehradun (Uttarakhand). Represented by its Managing Director.	...Respondent No. 13
14	New Delhi Municipal Council, Palika Kendra, Sansad Marg,	...Respondent No. 14 श्री.के. पांडे/M.K. Pandey

मुख्य महाप्रबन्धक/Chief General Manager  
परियोजना प्रबन्धी/Project in-charge  
पावरग्रिड सोल्यूशंस IV ट्रांसमिशन लिमिटेड  
POWERGRID Solucons IV Transmission Limited

	New Delhi-110002. Represented by Chairman	
15	North Central Railway Allahabad (Uttar Pradesh) Represented by Chief Electrical Distribution Engineer	...Respondent No. 15
16	Chief Operating Officer, Central Transmission Utility India Limited (CTUIL) Saudamini, Plot no.2, Sector -29, Gurgaon 122001.	...Respondent No. 16
17.	Chief Engineer, Power System Project Monitoring Division Central Electricity Authority, Sewa Bhawan, R. K. Puram, Sector-1, New Delhi - 110 066.	...Respondent No. 17
18.	M/s Furies Solren private limited Embassy 247 park Tower B 6th Floor Gandhi Nagar Vikhroli West Mumbai Mumbai MH 400079	...Respondent No. 18
19.	M/s SJVN Green Energy private Limited Corporate office, Tower 1 6 <sup>th</sup> Floor, NBCC Complex, C4 District Centre, Old Kidwai Nagar, New Delhi -110023	...Respondent No. 19



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**POWERGRID Bikaner IV Transmission Limited**

**...PETITIONER**

**AND**

**Jodhpur Vidyut Vitran Nigam Limited (JDVVNL)**

**And others**

**...RESPONDENT(S)**

**The Petitioner respectfully submits as under:**

1. The Petitioner, **POWERGRID Bikaner IV Transmission Limited** (hereinafter referred to as the "Petitioner") is a Wholly Owned Subsidiary of Power Grid Corporation of India Limited (POWERGRID).
2. The Petitioner is an Inter-State Transmission Licensee and is implementing the transmission project "**Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-3: 6GW) [Bikaner complex]: Part A**" in **Rajasthan** on a Build, Own, Operate and Transfer (BOOT) basis through Tariff Based Competitive Bidding route (hereinafter referred to as "**TBCB Project**").

एच.के. पांडे/H.K. Pandey  
मुख्य महाप्रबन्धक/Chief General Manager  
परियोजना प्रभारी/Project In-charge  
पावरग्रिड बिकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited

3. The detailed scope of Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-3: 6GW) [Bikaner complex]: Part A" in Rajasthan consists of the following elements, which are under implementation:

Sl. No.	Project elements	SCOD	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element
1	<p>Establishment of 6x1500 MVA, 765/400 kV and 6x500 MVA, 400/220 kV Bikaner-IV Pooling Station along with 2x240 MVA (765 kV) and 2x125 MVA (420kV) Bus Reactors at a suitable location near Bikaner</p> <p>Bikaner-IV PS-AIS</p> <ul style="list-style-type: none"> <li>• 765/400 kV 1500 MVA ICTs-6 Nos. (19x500 MVA including one spare unit)</li> <li>• 400/220 kV 500 MVA ICTs- 6 Nos.</li> <li>• 765 kV line bays- 2 Nos. (for 765 kV interconnection with Siwani S/s)</li> <li>• 400 kV line bays- 4 Nos. (For LILO of both ckts of Bikaner II PS- Bikaner III PS)</li> <li>• 765 kV ICT bays- 6 Nos.</li> <li>• 400 kV ICT bays- 12 Nos.</li> <li>• 220 kV ICT bays- 6 Nos.</li> <li>• 240 MVA Bus Reactor-2 Nos. (7x80 MVA, including one spare unit)</li> <li>• 765 kV Bus reactor bays-2 Nos.</li> <li>• 125 MVA Bus Reactor-2 Nos.</li> </ul>	<p>24 months from SPV transfer Under Implementation</p>	<p>All the elements are required to be commissioned simultaneously as their utilization is dependent on each other.</p>

एम.सी. पांडे/स.ए. Pandey  
मुख्य महाप्रबन्धक/Chief General Manager  
प्रोजेक्ट इन चार्ज/Project in-charge  
पावरग्रिड बीकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited

Sl. No.	Project elements	SCOD	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element
	<ul style="list-style-type: none"> <li>• 400 kV Bus reactor bays- 2 Nos.</li> <li>• 220 kV line bays: 6 Nos. (for RE connectivity) • 400 kV line bays (for RE connectivity)- 3 Nos.</li> <li>• 400 kV Sectionalizer bay: 1 set</li> <li>• 220 kV Sectionalizer bay: 1 set</li> <li>• 220 kV BC (2 Nos.) bays and 220 kV TBC (2 Nos.) bays</li> <li>• 400 kV bays: 2 Nos. (for STATCOM)</li> </ul> <p>Future provisions at Bikaner-IV</p> <p>765 kV line bays along with switchable line reactor-8 Nos.</p> <ul style="list-style-type: none"> <li>• 765 kV Bus Reactor along with bay: 1 No.</li> <li>• 400 kV line bays along with switchable line reactor-4 Nos.</li> <li>• 400 kV line bays - 2 Nos.</li> <li>• 400/220 kV ICT along with bays - 4 Nos.</li> <li>• 400 kV Bus Reactor along with bay: 1 No.</li> <li>• 400 kV Sectionalizer bay: 1 set</li> <li>• 220 kV line bays for connectivity of RE Applications - 5 Nos.</li> <li>• 220 kV Sectionalizer bay: 2 sets</li> <li>• 220 kV BC (2 Nos.) bays and 220kV TBC (2 Nos.) bays.</li> </ul>		



Sl. No.	Project elements	SCOD	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element
2.	<p>STATCOM (2x±300 MVar) along with MSC (4x125 MVar) and MSR (2x125 MVar) at Bikaner-IV PS</p> <p>• SATCOM (2x±300 MVar) along with MSC (4x125 MVar) and MSR (2x125 MVar)</p>	<p>24 months from SPV transfer Under Implementation</p>	
3.	<p>LILO of both ckts of Bikaner II PS - Bikaner III PS (Quad) direct 400 kV line at Bikaner-IV PS</p>		
4.	<p>Bikaner-IV PS - Siwani 765 kV D/C line along with 240 MVar switchable line reactor for each circuit at each end</p> <p>• 765 kV, 240 MVar switchable line reactors at Bikaner-IV PS end- 2 Nos.</p> <p>• 765 kV, 240 MVar switchable line reactors at Siwani S/s end- 2 Nos.</p> <p>• Switching equipment for 765 kV, 240 MVar switchable line reactors at Bikaner-IV PS end - 2 Nos.</p> <p>• Switching equipment for 765 kV, 240 MVar switchable line reactors at Siwani S/s end - 2 Nos.</p>		
5.	<p>Siwani - Fatehabad (PG) 400 kV D/C line (Quad)</p>		

Sl. No.	Project elements	SCOD	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element
6.	Siwani - Patran (Indi Grid) 400 kV D/C line (Quad) along with 80 MVar switchable line reactor for each circuit at Siwani S/s end • 420 kV, 80 MVar switchable line reactors at Siwani S/s end- 2 Nos. • Switching equipment for 420 kV, 80 MVar switchable line reactors at Siwani S/s end - 2 Nos. • 400 kV GIS duct :700 m at Patran S/s		
7.	2 Nos. 400 kV line bays each at Fatehabad (PG) and Patran (Indi Grid) GIS S/s • 400 kV line bays at Fatehabad (PG) S/s - 2 Nos. • 400 kV GIS line bays at Patran (Indi Grid) S/s - 2 Nos.		
8.	2 Nos. 765 kV line bays at Siwani S/s • 765 kV line bays at Siwani S/s 2 Nos		
9.	4 Nos. 400 kV line bays at Siwani S/s • 400 kV line bays at Siwani S/s 4 Nos. (for 400 kV interconnections)		

*Note1: POWERGRID shall provide space for 2 Nos. of 400 kV line bays at Fatehabad (PG). IndiGrid shall provide space for 2 Nos. of 400 kV line bays (GIS) at Patran (Indi Grid) S/s.*

*Note2: Developer of Siwani S/s shall provide space for 2 Nos. of 765 kV line bays and 4 Nos. of 400 kV line bays at Siwani S/s.*

4. This Hon'ble Commission vide its Order dated 28.04.2025 issued in Petition No. 63/TL/2025 had observed that the Petitioner company meets the requirements of the Act and the Transmission Licence Regulations, 2024, for grant of a transmission licence and had directed that a transmission license be granted to the Petitioner 'POWERGRID Bikaner IV Transmission Limited,' to establish the "Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-3: 6GW) [Bikaner complex]: Part A" on a Build, Own, Operate and Transfer basis. A copy of license Order dated 28.04.2025 is annexed and marked as **Annexure-I** to the Petition. That along with grant of the transmission license, this Hon'ble Commission vide its Order dated 22.03.2025 in Petition No. 64/AT/2025 had also approved and adopted the single annual transmission charges of Petitioner discovered through competitive bidding process in terms with Section 63 of the Electricity Act, 2003.

Copy of the Order dated 22.03.2025 in Petition No. 64/AT/2025 is attached as **Annexure-II**.

5. Subsequently, Central Transmission Utility of India Limited (CTUIL) has issued Office Memorandum (OM) dated 05.05.2025 to the Petitioner based on the approval granted by the National Committee on Transmission (NCT) in its 29<sup>th</sup> Meeting held on 17.04.2025 wherein Petitioner has been nominated to implement the ISTS transmission scheme through Regulated Tariff Mechanism (RTM) mode i.e., **"Augmentation of 2x500 MVA (7<sup>th</sup> & 8<sup>th</sup>), 400/220kV ICTS along-with 220 kV Sectionalizer bay (1 set), 220 kV BC (1 no.) bay and 220 kV TBC (1 no.) bay at Bikaner IV PS"** and the same is covered under the instant petition. The estimated cost of the scheme as per the CTUIL OM dated 05.05.2025 is Rs. 122.88 crore. It is submitted that in line with the Office Order dated 28.10.2021 issued by Ministry of Power (MoP), NCT shall approve the ISTS costing between Rs. 100 Crore to 500 crore along-with their mode of implementation.



Copy of relevant extracts of the minutes of 29<sup>th</sup> NCT meeting dated 17.04.2025 is attached as **Annexure-III**.

Copy of the CTUIL OM dated 05.05.2025 is attached as **Annexure-IV (A)**.

6. The detailed scope of ISTS Transmission is given below: -

**ISTS transmission Scheme, approved by NCT under RTM route is given below: -**

Sl. No.	Name of Transmission Scheme	Implementation Mode	Implementation timeframe	Estimated Cost (₹ Cr)
1.	Augmentation of 2x500 MVA (7 <sup>th</sup> & 8 <sup>th</sup> ), 400/220 kV ICTs along with 220 kV Sectionalizer bay (1 set), 220 kV BC (1 no.) bay and 220 kV TBC (1 no.) bay at Bikaner-IV PS	RTM through Bikaner A Power Transmission Limited (a 100% wholly owned subsidiary of Powergrid )	21 months from the date of allocation i.e., <b>05.02.2027</b>	122.88

The broad scope of above schemes is given below: -

Sl. No.	Name of Scheme & Tentative implementation timeframe	Broad Scope
	Augmentation of 2x500 MVA (7 <sup>th</sup> & 8 <sup>th</sup> ), 400/220 kV ICTs along with 220 kV Sectionalizer bay (1 set), 220 kV BC (1 no.) bay and 220 kV TBC (1 no.) bay at Bikaner-IV PS	<ul style="list-style-type: none"> <li>i) Augmentation of 400/220 kV, 2x500 MVA (7<sup>th</sup> &amp; 8<sup>th</sup>) ICTs at Bikaner-IV PS along with associated transformer bays</li> <li>ii) 220 kV Sectionalizer bay (1 set), 220 kV BC (1 no.) bay and 220 kV TBC (1 no.) bay at Bikaner- IV PS</li> </ul>

7. Subsequently, CTUIL has further issued OM dated 08.05.2025 wherein it has nominated the Petitioner to implement the ISTS Transmission scheme **Implementation of 3 No. of 220 Kv Line bays for interconnection of M/s Furies Solren Private Limited (300 MW) [1 no. bay] & M/s SJVN Green Energy Limited (500 MW) [2 No. bays] RE Power projects at 765/400/220 kV Bikaner -IV PS through "Regulated Tariff Mechanism" (RTM) mode and the**

same is covered under the instant petition. Copy of the CTUIL OM dated 08.05.2025 is attached as **Annexure-IV (B)**.

8. The detailed scope of the ISTS transmission scheme approved by CTUIL is as follows: -

Sl. No	Scope of the Transmission Scheme	Item Description	Implementation timeframe
1	3 nos. of 220 kV line bays at 765/400/220 kV Bikaner-IV PS (1 no. for M/s Furies Solren Private Limited (300MW) & 2 nos. for M/s SJVN Green Energy Limited (500MW)) for interconnection of its RE power projects	220 kV Line Bay-3 r.os.	11.11.2026
<b>TOTAL ESTIMATED COST:</b>			<b>Rs. 18.54 Crore</b>

*Note: a. Implementation Timeframe has been aligned with Rajasthan REZ Ph -IV (Part-3: 6 GW) [Bikaner complex]: Part A transmission scheme.*

9. It is submitted that the implementation time frame of the above-mentioned transmission scheme at paragraph 8 has to be aligned with the ISTS transmission scheme i.e., *Rajasthan REZ Ph -IV (Part-3: 6 GW) [Bikaner complex]: Part A transmission scheme* mentioned at paragraph 2, for which the Hon'ble Commission had granted Transmission License to the Petitioner vide its Order dated 28.04.2025 in petition no. 63/TL/2025.

10. That the Instant Application is being filed for grant of separate transmission license to the applicant for implementation of above scope of work under RTM mode. The application is being preferred in accordance with Transmission License Regulations, 2024.

11. That Section 15(1) of the Electricity Act, 2003 provides that every application under section 14 shall be made in such a manner and in such a form as may be specified by the Appropriate Commission and shall be accompanied by such fees as may be prescribed. Further, Hon'ble Commission has notified Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant

POWERGRID Bikaner IV Transmission Limited  
Bikaner, Rajasthan  
Date: 08.05.2025  
To: Chairman, Central Electricity Regulatory Commission  
New Delhi

शुभ. के. पांडे/M.K. Pandey  
मुख्य महाप्रबन्धक/Chief General Manager  
परियोजना प्रबन्धी/Project in-charge  
पावरग्रिड बीकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited



of Transmission License and other related matters) Regulations, 2024 vide notification dated 23.05.2024.

12. That Regulation 4(1)(b) of Transmission License Regulations, 2024 allows an entity selected by the Central Government or its authorized agency to implement a project under the regulated tariff mechanism to apply for grant of transmission license. Relevant extracts are as follows;

*4. Eligibility for Grant of licence*

*(1) No person shall be eligible for grant of licence for inter-State transmission of electricity unless it is,*

*(a) selected through the process under the competitive bidding guidelines issued under section 63 of the Act; or*

**(b) an entity selected by the Central Government or its authorized agency to implement a project under the regulated tariff mechanism.**

13. In light of aforementioned, the present Petition is being filed for grant of separate RTM Transmission License to POWERGRID Bikaner IV Transmission Limited to implement the transmission project **Augmentation of 2x500 MVA (7th & 8th), 400/220 kV ICTs along with 220 kV Sectionalizer bay (1 set), 220 kV BC (1 no.) bay and 220 kV TBC (1 no.) bay at Bikaner-IV PS & Implementation of 3 nos. of 220 kV line bays for interconnection of M/s Furies Solren Private Limited (300MW) [1 no. bay] & M/s SJVN Green Energy Limited (500MW) [2 no. bays] RE power projects at 765/400/220kV Bikaner-IV PS under "Regulated Tariff Mechanism" (RTM) Mode as detailed hereinabove under Section 14 of the Electricity Act, 2003 read with Regulation 4(1)(b) of the Transmission License Regulations, 2024 and the Petitioner meets the eligibility criterion.**

14. The Petitioner humbly submits that this Hon'ble Commission may be pleased to grant the separate RTM Transmission License to Petitioner to include scope

पुनर्विचार आदेश नं. ४८  
प्रमाणित प्रमाणित / प्रमाणित प्रमाणित  
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एम.के. पांडे / M.K. Pandey  
मुख्य महाप्रबन्धक / Chief General Manager  
परियोजना प्रभारी / Project In-charge  
पावरग्रिड बीकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited





- d) The application along with Form-I is being hosted on the website and is accessible on [www.powergrid.in/subsidiaries](http://www.powergrid.in/subsidiaries) in compliance with Regulation 5(4) of Transmission License Regulations, 2024. It is undertaken that notice of the Application as per Form-II of Transmission License Regulations shall be posted on the e-filing portal of the Commission and also on the Applicant's website in compliance with Regulation 5 (4) of Transmission License Regulations, 2024.
- e) In compliance with Regulation 5(5) Transmission License Regulations, 2024, the notice of the Application as per Form-II of Transmission License Regulations shall be published in two leading daily digital newspapers, one in English and another in Hindi i.e., Indian language of the Rajasthan state where the elements of the projects are situated for inviting comments from general public. The notice shall also be kept posted on the website of the applicant.
- f) Appropriate fee for instant Petition stands paid.

17. It is submitted that Section 14 of the Electricity Act, 2003 empowers the Appropriate Commission to grant the Transmission License and as such this Hon'ble Commission has jurisdiction to grant the separate RTM Transmission License to the Petitioner for implementation of scope of works as detailed at para 5-8 above.

## PRAYER

It is respectfully prayed that the Hon'ble Commission may be pleased to:-

- a) Grant the separate RTM Transmission License to Petitioner to implement transmission system includes **"Augmentation of 2X500 MVA (7<sup>th</sup> & 8<sup>th</sup>), 400/220 kV ICT along-with 220 kV Sectionalizer bay (1 set) 220 kV BC (1 No.) bay and 22kV TBC (1 No.) bay at Bikaner IV PS and Implementation of 3 nos. of 220 kV line bays for interconnection of M/s Furies Solren Private Limited (300MW) [1 no. bay] & M/s SJVN Green Energy Limited (500MW) [2 no. bays] RE power projects at 765/400/220kV Bikaner-IV PS".**

*[Faint signature and stamp of the petitioner, POWERGRID Bikaner IV Transmission Limited]*

एन. के. पांडे / N.K. Pandey  
मुख्य महाप्रबन्धक / Chief General Manager  
परियोजना प्रभारी / Project In-charge  
आवृत्ति बिकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited



- b) Allow the Petitioner the liberty to approach the Hon'ble Commission with actual cost on completion of works for determination of transmission charges for the aforementioned additional scope in accordance with Section 61, 62 of the Electricity Act, 2003 and applicable Tariff Regulations as per 10 (2) of the Transmission License Regulations, 2024;
- c) Condone any inadvertent omissions/ shortcomings/ errors and permit the Petitioner to add/ modify/ alter this Petition and make further submissions as may be required at a future date;
- d) Pass such other orders, as may be deemed fit and proper in the facts & circumstances of the case.

MANOJ  
KUMAR  
PANDEY

Digitally signed by  
MANOJ KUMAR PANDEY  
Date: 2025.06.23 18:25:51  
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**Filed by**

**POWERGRID Bikaner IV Transmission Limited**

**Date: .06.2025**  
**Place: Bikaner**

**Represented by**  
MANOJ  
KUMAR  
PANDEY  
**Project in-Charge**

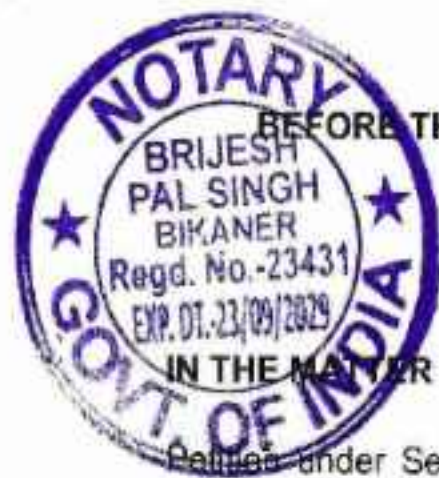
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MANOJ KUMAR PANDEY  
Date: 2025.06.23  
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**POWERGRID Bikaner IV Transmission Limited**

पुनर्विचार आदेश  
अनुसूचित जाति/अनुसूचित वर्ग के व्यक्ति  
को अतिरिक्त सूची में शामिल करने के लिए  
आवेदन पत्र

एच.के. पांडे/H.K. Pandey  
मुख्य महाप्रबन्धक/Chief General Manager  
परियोजना प्रबन्धी/Project in-charge  
पावरग्रिड बिकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited





BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

PETITION No. ....

IN THE MATTER OF

Petitioner under Section 14 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission License and other related matters) Regulations, 2024 for grant of separate RTM Transmission License to POWERGRID Bikaner IV Transmission Limited to implement transmission project "Augmentation of 2x500 MVA (7th & 8th), 400/220 kV ICTs along with 220 kV Sectionalizer bay (1 set), 220 kV BC (1 no.) bay and 220 kV TBC (1 no.) bay at Bikaner-IV PS & Implementation of 3 nos. of 220 kV line bays for interconnection of M/s Furies Solren Private Limited (300MW) [1 no. bay] & M/s SJVN Green Energy Limited (500MW) [2 no. bays] RE power projects at 765/400/220kV Bikaner-IV PS under "Regulated Tariff Mechanism" (RTM) Mode.

POWERGRID Bikaner IV Transmission Limited

...PETITIONER

AND

Jodhpur Vidyut Vitran Nigam Limited (JDVVNL)

And others

...RESPONDENT(S)

AFFIDAVIT

I, Manoj Kumar Pandey, S/o Late Shri H.C Pandey residing at Flat No.1 A Shanti Villa, Rangmanch Road, Shardul Colony, Bikaner 334001 do hereby solemnly affirm and state as follows:

1. I am the Authorised Signatory of the Petitioner Company in the above matter and I am duly authorized to affirm this affidavit. I say that I am conversant with the facts and circumstances of this case.

एच.के. पांडे/M.K. Pandey  
मुख्य महाप्रबन्धक/Chief General Manager  
परियोजना प्रभारी/Project In-charge  
पावरग्रिड बीकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited

ATTESTED  
CENTRAL NOTARY  
BIKANER (RAJ.) INDIA

23 JUN 2025



2. The statements made in paragraphs of the Petition are true to the best of my knowledge and belief based on the information received and I believe them to be true.
3. I say that there are no proceedings pending in any court of law / tribunal or arbitrator or any other authority, wherein the Petitioner is a party and where issues arising and / or reliefs sought are identical or similar to the issues in the matter pending before the Hon'ble Commission.

*[Signature]*  
Deponent

### VERIFICATION:

I do hereby solemnly affirm that the contents of the above affidavit are true to the best of my knowledge, no part of it is false and nothing material has been concealed therefrom.

Verified by me on this 23 day of June, 2025 at Bikaner

*[Signature]*  
Deponent

एच.के. पांडे/H.K. Pandey  
मुख्य महाप्रबन्धक/Chief General Manager  
परियोजना प्रभारी/Project in-charge  
भावरसिंह बीकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited



**बृजेशपाल सिंह, एडवोकेट**  
कार्यालय सेंट्रल नोटेरी पब्लिक, बीकानेर (राज.)  
क्रमांक 151 दिनांक 23/6/25 समर्थ  
स्थान बीकानेर को लेख्य पत्र में सन्म  
निष्पादक श्री C.H.M. M.K. Pandey  
पुत्र श्री H.C. Pandey Pandey  
आयु Flat No 1A Shantivilla  
सह Sardul colony Bikaner  
ने पेश किया जिसे पढ़कर सुनाया तथा सुन ब  
समझ कर सही होना मानकर निष्पादन करना  
स्वीकार किया। इन्हें श्री Self  
ने सहायन कर प्रमाणित किया।

सेंट्रल नोटेरी, बीकानेर (राज.)



**ATTESTED**  
CENTRAL NOTARY  
BIKANER (RAJ.) INDIA

23 JUN 2025

**CENTRAL ELECTRICITY REGULATORY COMMISSION  
NEW DELHI**

**Petition No. 63/TL/2025**

**Coram:**

**Shri Jishnu Barua, Chairperson**

**Shri Ramesh Babu V., Member**

**Shri Harish Dudani, Member**

**Shri Ravinder Singh Dhillon, Member**

**Date of Order: 28<sup>th</sup> April, 2025**

**In the matter of**

Application under Sections 14 & 15 of the Electricity Act, 2003 read with the Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission License and other related matters) Regulations, 2024 with respect to Transmission Licence to Bikaner A Power Transmission Limited.

**And**

**In the matter of**

**POWERGRID Bikaner IV Transmission Limited,  
(erstwhile Bikaner A Power Transmission Limited),  
(A 100% wholly owned subsidiary of Power Grid Corporation of India Limited),**

**Registered office:** B-9, Qutab Institutional Area,  
Katwaria Sarai, New Delhi-110016.

**Address for corresponder.ce:**

C/o ED (TBCB), Power Grid Corporation of India Limited,  
Saudamini, Plot No.2, Sector-29,  
Gurgaon-122001.

**Vs**

**...Petitioner**

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

**2. REC Power Development and Consultancy Limited,  
REC Corporate Head Quarter,  
D Block, Plot No. I-4, Sec – 29, Gurugram-122001.**

**3. Avaada RJBikaner Private Limited,  
Avaada Energy Private Limited C-11, Sector-65,  
Gautam Buddha Nagar, Noida, Uttar Pradesh.**

**4. Shudh Solar Power Private Limited,**

**MANOJ  
KUMAR  
PANDEY**

Digitally signed  
by MANOJ  
KUMAR PANDEY  
Date: 2025.06.23  
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शुभ के. पांडे / M.K. Pandey  
मुख्य कार्यकारी/Chief General Manager  
परियोजना प्रभारी / Project in-charge  
आवादा सोलर प्राइवेट लि. गुरुग्राम, हरियाणा



Shop No. 303, City Pearl, Opp. Ganguar Hotel,  
M.I. Road, Jaipur - 302001, Rajasthan.

5. **Hazel Hybren Private Limited,**  
Furies Solren Private Limited  
B-Block, 6<sup>th</sup> Floor, Embassy 247, Vikhroli West,  
Mumbai-400083, Maharashtra.

6. **NTPC Renewable Energy Limited,**  
Netra Building, E-3, Ecotech-II, Udyog Vihar,  
Greater Noida-201306, Uttar Pradesh.

7. **AM Green Energy Private Limited,**  
MyHome Twitza, 5<sup>th</sup> Floor, Plot No. 30/A,  
Survey No. 83/1 APIIC Knowledge,  
City of Rai Durg, Rangareddy district,  
Hyderabad-500081, Telangana.

8. **Clean Max Gamma Private Limited,**  
First Floor, Clean Max Enviro Energy Solutions Private Limited,  
The Peach Tree Complex, Sushant Lok Phase I,  
Gurugram-122009, Haryana.

9. **Iraax International (OPC) Private Limited,**  
R-3, Tilak Marg, civil Lines,  
Jaipur-302005, Rajasthan.

10. **Solarcraft Power India 17 Private Limited,**  
109, First Floor, Rishabh IPEX Mall, IP Extension  
Patparganj, Delhi -110092.

11. **Sunsure Solarpark Fourteen Private Limited,**  
1101 A-1107, 11<sup>th</sup> Floor, BPTP Park Centra, Jal Vayu Vihar,  
Sector 30, Gurugram-122001, Haryana.

12. **SJVN Green Energy Limited,**  
Corporate Headquarters, Shakti Sadan, Shanan,  
Shimla-171006, Himachal Pradesh.

13. **Deshraj Solar Energy Private Limited,**  
Plot no. 51 & 51, M-Powered Building, PhaseIV,  
Udyog Vihar, Gurgaon.

14. **First Energy Private Limited,**  
Unit No. 601, 6<sup>th</sup> Floor, Cello Platina, Fergusson College Road,  
Shivajinagar, Pune-411005, Maharashtra.

15. **Chandigarh Electricity Department,**  
UT-Chandigarh, Div-11, Opposite, Transport Nagar,  
Industrial Area Phase-I, Chandigarh.

एन.के. पांडे/M.K. Pandey  
मुख्य महाप्रबन्धक/Chief General Manager  
परियोजना प्रभारी/Project in-charge  
चण्डीग्रह चण्डीग्रह IV टुन्नेलिंग लिमिटेड  
POWERGRID Bikaner IV Transmission Limited

16. **BSES Rajdhani Power Limited,**  
AVP (PMG), PMG Office, 2<sup>nd</sup> Floor B-Block,  
Nehru Place-110019, New Delhi.

17. **BSES Yamuna Power Limited,**  
Asstt. Vice President (PMG), Shakti Kiran Bldg, Second Floor,  
Karkardooma-110032, New Delhi.

18. **New Delhi Municipal Council,**  
AAO (Commercial), 19<sup>th</sup> Floor, NDMC Palika Kendra,  
Sansad Marg -110001, New Delhi.

19. **Tata Power Delhi Distribution Limited,**  
Power Management Group, Technology Centre,  
Near PP-3 Grid Sub Station, Opp. PP Jewellers,  
Netaji Shubhash Place, Pitampura-110034, New Delhi.

20. **Himachal Pradesh State Electricity Board,**  
PR&ALDC, HPSEB Ltd, 132 KV S/S Tutu,  
SHIMLA-171011, Himachal Pradesh.

21. **Haryana Power Purchase Centre,**  
Shakti Bhawan, Energy Exchange, Panchkula.

22. **Power Development Department,**  
Jammu Jammu SLDC Building, 1<sup>st</sup> Floor, Gladni,  
Power House Narwal, JAMMU, J&K.

23. **Punjab State Power Corporation Limited,**  
Shed No. T-1A, Thermal Designs, Patiala-147001, Punjab.

24. **HVDC Dadri, POWERGRID,**  
B-9, Qutub Institutional Area,  
Katwaria Sarai-110016, New Delhi.

25. **HVDC Rihand, POWERGRID,**  
B-9, Qutub Institutional Area,  
Katwaria Sarai-110016, New Delhi.

26. **Ajmer Vidyut Vitran Nigam Limited,**  
Rajasthan Urja Vikas Nigam Limited,  
132 KV, Sub- Station Building,  
Calgiri Road Malviya Nagar,  
Jaipur-302017, Rajasthan.

27. **Jodhpur Vidyut Vitran Nigam Limited,**  
Rajasthan Urja Vikas Nigam Limited,  
132 KV, Sub- Station Building,  
Calgiri Road Malviya Nagar,

एच के पांडे / M.K. Pandey  
मुख्य महाप्रबन्धक / Chief General Manager  
परियोजना प्रभारी / Project In-charge  
पावरग्रिड बीकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited



Jaipur-302017, Rajasthan.

**28. Jaipur Vidyut Vitran Nigam Limited,**  
Rajasthan Urja Vikas Nigam Limited,  
132 KV, Sub- Station Building,  
Calgiri Road Malviya Nagar,  
Jaipur-302017, Rajasthan.

**29. North Central Railway,**  
DRM Office, Nawab Yusuf Road-211011.

**30. Uttarakhand Power Corporation Limited,**  
Urja Bhawan, Kanwali Road,  
Dehradun-248001

**31. Uttar Pradesh Power Corporation Limited,**  
Fund Management, Shakti Bhawan,  
14 Ashok Marg, Lucknow, UP.

**32. AD Hydro,**  
AD Hydro Power Limited, Bhilwara Towers,  
A-12, Sector-1, Noida-201301.

**33. GMR Kamalanga Energy Limited,**  
25/1 Skip House, 25/1 Skip House, Museum Road,  
Museum Road,  
Bangalore-560025, Karnataka.

**34. MB Power (Madhya Pradesh) Limited,**  
239, Okhla Industrial Estate,  
Phase -III, New Delhi-110020.

**35. HVDC Agra, POWERGRID,**  
B-9, Qutub Institutional Area, New Delhi.

**36. HVDC Balia, POWERGRID,**  
B-9, Qutub Institutional Area,  
Katwaria Sarai, New Delhi-110016.

**37. HVDC Bhiwadi, POWERGRID,**  
B-9, Qutub Institutional Area,  
Katwaria Sarai, New Delhi-110016.

**38. HVDC Kurukshetra, POWERGRID,**  
B-9, Qutub Institutional Area,  
Katwaria Sarai, New Delhi-110016.

**39. Northern Indian Railway,**  
Sr. DEE, TRD, Delhi Division  
Central Delhi.

एन के पांडे/M.K. Pandey  
मुख्य महाप्रबंधक/Chief General Manager  
परियोजना प्रभारी/Project In-charge  
पावरग्रिड ब्रान्च IV ट्रांसमिशन लिमिटेड  
POWERGRID Branch IV Transmission Limited



40. **Noida Power Company Limited,**  
Electric Sub Station Knowledge Park IV,  
Greater Noida-201310.

41. **Northern Railways,**  
Sr. DEE/ TRD, DRM Office, Hazratgan,  
Lucknow-226001.

....Respondents

**Parties present:**

Shri Prashant Kumar, BAPTL  
Shri Ranjeet S. Rajput, CTUIL

**ORDER**

The Petitioner, POWERGRID Bikaner IV Transmission Limited, (erstwhile Bikaner A Power 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 "the Transmission Licence Regulations") to establish the "Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-3: 6GW) [Bikaner complex]: Part A" on a Build, Own, Operate and Transfer basis (hereinafter referred to as "the Project"). The scope of work as per Schedule 2 of the TSA is as under:

Sl. No	Name of the Transmission Element	Scheduled COD	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element
1.	Establishment of 6x1500 MVA, 765/400 kV and 6x500 MVA, 400/220 kV Bikaner-IV Pooling	24 months from SPV transfer	100%	All Elements are required to be commissioned

<p>Station along with 2x240 MVA (765 kV) and 2x125 MVA (420kV) Bus Reactors at a suitable location near Bikaner</p> <p><i>Bikaner-IV PS-AIS</i></p> <ul style="list-style-type: none"> <li>• 765/400 kV 1500 MVA ICTs- 6 Nos. (19x500 MVA including one spare unit)</li> <li>• 400/220 kV 500 MVA ICTs -6 Nos.</li> <li>• 765 kV line bays – 2 Nos. (for 765 kV interconnection with Siwani S/s)</li> <li>• 400 kV line bays - 4 Nos. (For LILO of both ckts of Bikaner II PS- Bikaner III PS)</li> <li>• 765 kV ICT bays-6 Nos.</li> <li>• 400 kV ICT bays- 12 Nos.</li> <li>• 220 kV ICT bays- 6 Nos.</li> <li>• 240 MVA Bus Reactor-2 Nos. (7x80 MVA, including one spare unit)</li> <li>• 765 kV Bus reactor bays-2 Nos.</li> <li>• 125 MVA Bus Reactor-2 Nos.</li> <li>• 400 kV Bus reactor bays- 2 Nos.</li> <li>• 220 kV line bays: 6 Nos. (for RE connectivity)</li> <li>• 400 kV line bays (for RE connectivity)- 3 Nos.</li> <li>• 400 kV Sectionalizer bay: 1 set</li> <li>• 220 kV Sectionalizer bay: 1 set</li> <li>• 220 kV BC (2 Nos.) bays and 220 kV TBC (2 Nos.) bays</li> <li>• 400 kV bays: 2 Nos. (for STATCOM)</li> </ul> <p><i>Future provisions at Bikaner-IV PS: Space for</i></p> <ul style="list-style-type: none"> <li>• 765 kV line bays along with switchable line reactor-8 Nos.</li> <li>• 765 kV Bus Reactor along with bay: 1 No.</li> <li>• 400 kV line bays along with switchable line reactor-4 Nos.</li> <li>• 400 kV line bays- 2 Nos.</li> <li>• 400/220 kV ICT along with bays- 4 Nos.</li> <li>• 400 kV Bus Reactor along with bay: 1 No.</li> <li>• 400 kV Sectionalizer bay: 1 set</li> <li>• 220 kV line bays for connectivity of RE Applications-5 Nos.</li> </ul>			<p>simultaneously as their utilization is dependent on each other.</p>
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	<ul style="list-style-type: none"> <li>• 220 kV Sectionalizer bay: 2 sets</li> <li>• 220 kV BC (2 Nos.) bays and 220kV TBC (2 Nos.) bays.</li> </ul>			
2.	<p>STATCOM (2x±300 MVar) along with MSC (4x125 MVar) and MSR (2x125 MVar) at Bikaner-IV PS</p> <p>• SATCOM (2x±300 MVar) along with MSC (4x125 MVar) and MSR (2x125 MVar)</p>			
3.	LILO of both ckt of Bikaner II PS- Bikaner III PS (Quad) direct 400 kV line at Bikaner-IV PS			
4.	<p>Bikaner-IV PS - Siwani 765 kV D/C line along with 240 MVar switchable line reactor for each circuit at each end</p> <p>• 765 kV, 240 MVar switchable line reactors at Bikaner-IV PS end- 2 Nos.</p> <p>• 765 kV, 240 MVar switchable line reactors at Siwani S/s end- 2 Nos.</p> <p>• Switching equipment for 765 kV, 240 MVar switchable line reactors at Bikaner-IV PS end - 2 Nos.</p> <p>• Switching equipment for 765 kV, 240 MVar switchable line reactors at Siwani S/s end - 2 Nos.</p>			
5.	Siwani - Fatehabad (PG) 400 kV D/C line (Quad)			
6.	<p>Siwani - Patran (Indi Grid) 400 kV D/C line (Quad) along with 80 MVar switchable line reactor for each circuit at Siwani S/s end</p> <p>• 420 kV, 80 MVar switchable line reactors at Siwani S/s end- 2 Nos.</p> <p>• Switching equipment for 420 kV, 80 MVar switchable line reactors at Siwani S/s end - 2 Nos.</p> <p>• 400 kV GIS duct :700 m at Patran S/s</p>			
7.	<p>2 Nos. 400 kV line bays each at Fatehabad (PG) and Patran (Indi Grid) GIS S/s</p> <p>• 400 kV line bays at Fatehabad (PG) S/s - 2 Nos.</p> <p>• 400 kV GIS line bays at Patran (Indi Grid) S/s - 2 Nos.</p>			

एम.के. पांडे/ M.K. Pandey

मुख्य निदेशक/Chief General Manager

परियोजना प्रभारी/Project In-charge

पुनर्गठित बिहार IV ट्रांसमिशन लिमिटेड

POWERGRID Bikaner IV Transmission Limited



8.	2 Nos. 765 kV line bays at Siwani S/s  • 765 kV line bays at Siwani S/s- 2 Nos.			
9.	4 Nos. 400 kV line bays at Siwani S/s  • 400 kV line bays at Siwani S/s- 4 Nos. (for 400 kV interconnections)			

*Note:*

1. POWERGRID shall provide space for 2 Nos. of 400 kV line bays at Fatehabad (PG). IndiGrid shall provide space for 2 Nos. of 400 kV line bays (GIS) at Patran (Indi Grid) S/s.

2. Developer of Siwani S/s shall provide space for 2 Nos. of 765 kV line bays and 4 Nos. of 400 kV line bays at Siwani S/s."

2. Based on the competitive bidding carried out by the REC Power Development and Consultancy Limited (RECPDCL), 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, Power Grid Corporation of India Limited was declared a successful bidder with the lowest quoted annual transmission charges of Rs. 5879.06 million.

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 22.3.2025, *prima facie* proposed to grant a transmission licence to the Petitioner. The relevant extracts of the order dated 22.3.2025 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 an 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 a transmission licence aforesaid. The objections or suggestions, if any, be filed by any person before the Commission by 11.4.2025."*

4. A public notice under Sub-section (5) of Section 15 of the Act was published in all editions of The Hindu (English) and Navbharat Times (Hindi) on 27.3.2025. No suggestions/ objections have been received from members of the public in response to the public notice.

**Hearing Dated: 23.4.2025**

5. The matter was called out for the hearing on 23.4.2025. 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. He prayed to be granted a transmission licence.

6. 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.*

7. In our order dated 22.3.2025, 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 11.12.2024, 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, 'POWERGRID Bikaner IV Transmission Limited,' to establish the "Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-3: 6GW) [Bikaner complex]: Part A" on a Build, Own, Operate and Transfer basis as per the details given in paragraph 1 above.

8. 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 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 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 report 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.

9. 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.

10. It is expected that while carrying out the survey, the Petitioner has complied with the provisions of clauses 2.5.7.3, 2.5.7.4, and 2.5.7.5 of the RfP. The Petitioner will comply with the provisions of the bidding documents and the TSA for the commissioning of the Project within the SCOD in letter and spirit.

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

13. Petition No. 63/TL/2025 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**

**MANOJ**  
**KUMAR**  
**PANDEY**  
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by MANOJ  
KUMAR PANDEY  
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एन.के. पांडे/M.K. Pandey  
मुख्य प्रशासक/Chief General Manager  
परियोजना प्रभारी/Project In-charge  
पावरग्रिड विकास IV टर्मिनल लिमिटेड  
POWERGRID Sikar IV Transmission Limited



**CENTRAL ELECTRICITY REGULATORY COMMISSION  
NEW DELHI**

**Petition No. 64/AT/2025**

**Coram:**

**Shri Jishnu Barua, Chairperson**

**Shri Ramesh Babu V., Member**

**Shri Harish Dudani, Member**

**Shri Ravinder Singh Dhillon, Member**

**Date of Order: 22<sup>nd</sup> March, 2025**

**In the matter of**

Application under Section 63 of the Electricity Act, 2003 for the adoption of Transmission Charges with respect to the Transmission System being established by the Bikaner A Power Transmission Limited (a 100% wholly owned subsidiary of Power Grid Corporation of India Limited).

**And**

**In the matter of**

**POWERGRID Bikaner IV Transmission Limited,  
(erstwhile Bikaner A Power Transmission Limited),  
(A 100% wholly owned subsidiary of Power Grid Corporation of India Limited),**

**Registered office:** B-9, Qutab Institutional Area,  
Katwaria Sarai, New Delhi-110016.

**Address for correspondence:**

C/o ED (TBCB), Power Grid Corporation of India Limited,  
Saudamini, Plot No.2, Sector-29,  
Gurgaon-122001.

**...Petitioner**

**Vs**

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

**2. REC Power Development and Consultancy Limited,  
REC Corporate Head Quarter,  
D Block, Plot No. I-4, Sector- 29, Gurugram-122001.**

**3. Avaada RJBikaner Private Limited,  
Avaada Energy Private Limited C-11, Sector-65,  
Gautam Buddha Nagar, Noida, Uttar Pradesh.**

**4. Shudh Solar Power Private Limited,**

**MANOJ  
KUMAR  
PANDEY** Digitally signed  
by MANOJ  
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Date: 2025.06.23  
18:28:08 +05'30'

एन.के. पांडे / N.K. Pandey  
मुख्य महाप्रबन्धक / Chief General Manager  
परियोजना प्रभारी / Project in-charge  
पवरग्रीड बीकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited

Shop No. 303, City Pearl, Opp. Ganguar Hotel,  
M.I. Road, Jaipur - 302001, Rajasthan.

5. **Hazel Hybren Private Limited,**  
Furies Solren Private Limited  
B-Block, 6<sup>th</sup> Floor, Embassy 247, Vikhroli West,  
Mumbai-400083, Maharashtra.

6. **NTPC Renewable Energy Limited,**  
Netra Building, E-3, Ecotech-II, Udyog Vihar,  
Greater Noida-201306, Uttar Pradesh.

7. **AM Green Energy Private Limited,**  
MyHome Twitza, 5<sup>th</sup> Floor, Plot No. 30/A,  
Survey No. 83/1 APIIC Knowledge,  
City of Rai Durg, Rangareddy district,  
Hyderabad-500081, Telangana.

8. **Clean Max Gamma Private Limited,**  
First Floor, Clean Max Enviro Energy Solutions Private Limited,  
The Peach Tree Complex, Sushant Lok Phase I,  
Gurugram-122009, Haryana.

9. **Iraax International (OPC) Private Limited,**  
R-3, Tilak Marg, civil Lines,  
Jaipur-302005, Rajasthan.

10. **Solarcraft Power India 17 Private Limited,**  
109, First Floor, Rishabh IPEX Mall, IP Extension  
Patparganj, Delhi -110092.

11. **Sunsure Solarpark Fourteen Private Limited,**  
1101 A-1107, 11<sup>th</sup> Floor, BPTP Park Centra, Jal Vayu Vihar,  
Sector 30, Gurugram-122001, Haryana.

12. **SJVN Green Energy Limited,**  
Corporate Headquarters, Shakti Sadan, Shanan,  
Shimla-171006, Himachal Pradesh.

13. **Deshraj Solar Energy Private Limited,**  
Plot no. 51 & 51, M-Powered Building, PhaseIV,  
Udyog Vihar, Gurgaon.

14. **First Energy Private Limited,**  
Unit No. 601, 6<sup>th</sup> Floor, Cello Platina, Fergusson College Road,  
Shivajinagar, Pune-411005, Maharashtra.

15. **Chandigarh Electricity Department,**  
UT-Chandigarh, Div-11, Opposite, Transport Nagar,  
Industrial Area Phase-I, Chandigarh.

एन.के. पांडे / N.K. Pandey  
मुख्य महाप्रबन्धक / Chief General Manager  
परियोजना प्रबन्धी / Project in-charge  
पावरग्रिड बीकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited



16. **BSES Rajdhani Power Limited,**  
AVP (PMG), PMG Office, 2<sup>nd</sup> Floor B-Block,  
Nehru Place-110019, New Delhi.
17. **BSES Yamuna Power Limited,**  
Asstt. Vice President (PMG), Shakti Kiran Bldg, Second Floor,  
Karkardooma-110032, New Delhi.
18. **New Delhi Municipal Council,**  
AAO (Commercial), 19<sup>th</sup> Floor, NDMC Palika Kendra,  
Sansad Marg -110001, New Delhi.
19. **Tata Power Delhi Distribution Limited,**  
Power Management Group, Technology Centre,  
Near PP-3 Grid Sub Station, Opp. PP Jewellers,  
Netaji Shubhash Place, Pitampura-110034, New Delhi.
20. **Himachal Pradesh State Electricity Board,**  
PR&ALDC, HPSEB Ltd, 132 KV S/S Tutu,  
SHIMLA-171011, Himachal Pradesh.
21. **Haryana Power Purchase Centre,**  
Shakti Bhawan, Energy Exchange,  
Panchkula, Haryana
22. **Power Development Department,**  
Jammu Jammu SLDC Buliding, 1<sup>st</sup> Floor, Gladni,  
Power House Narwal, Jammu, J&K.
23. **Punjab State Power Corporation Limited,**  
Shed No. T-1A, Thermal Designs, Patiala-147001, Punjab.
24. **HVDC Dadri, POWERGRID,**  
B-9, Qutub Institutional Area,  
Katwaria Sarai-110016, New Delhi.
25. **HVDC Rihand, POWERGRID,**  
B-9, Qutub Institutional Area,  
Katwaria Sarai-110016, New Delhi.
26. **Ajmer Vidyut Vitran Nigam Limited,**  
Rajasthan Urja Vikas Nigam Limited,  
132 KV, Sub- Station Building,  
Calgiri Road Malviya Nagar,  
Jaipur-302017, Rajasthan.
27. **Jodhpur Vidyut Vitran Nigam Limited,**  
Rajasthan Urja Vikas Nigam Limited,  
132 KV, Sub- Station Building,

Calgiri Road Malviya Nagar,  
Jaipur-302017, Rajasthan.

**28. Jaipur Vidyut Vitran Nigam Limited,**  
Rajasthan Urja Vikas Nigam Limited,  
132 KV, Sub- Station Building,  
Calgiri Road Malviya Nagar,  
Jaipur-302017, Rajasthan.

**29. North Central Railway,**  
DRM Office, Nawab Yusuf Road  
Lucknow-211011.

**30. Uttarakhand Power Corporation Limited,**  
Urja Bhjawan, Kanwali Road,  
Dehradun-248001

**31. Uttar Pradesh Power Corporation Limited,**  
Fund Management, Shakti Bhawan,  
14 Ashok Marg, Lucknow, UP.

**32. AD Hydro,**  
AD Hydro Power Limited, Bhilwara Towers,  
A-12, Sector-1, Noida-201301.

**33. GMR Kamalanga Energy Limited,**  
25/1 Skip House, 25/1 Skip House, Museum Road,  
Museum Road,  
Bangalore-560025, Karnataka.

**34. MB Power (Madhya Pradesh) Limited,**  
239, Okhla Industrial Estate,  
Phase -III, New Delhi-110020.

**35. HVDC Agra, POWERGRID,**  
B-9, Qutub Institutional Area, New Delhi.

**36. HVDC Balia, POWERGRID,**  
B-9, Qutub Institutional Area,  
Katwaria Sarai, New Delhi-110016.

**37. HVDC Bhiwadi, POWERGRID,**  
B-9, Qutub Institutional Area,  
Katwaria Sarai, New Delhi-110016.

**38. HVDC Kurukshetra, POWERGRID,**  
B-9, Qutub Institutional Area,  
Katwaria Sarai, New Delhi-110016.

**39. Northern Indian Railway,**

एच.के. पांडे/H.K. Pandey  
मुख्य महाप्रबन्धक/Chief General Manager  
परियोजना प्रबन्धी/Project in-charge  
पवरग्रिड बीकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited



Sr. DEE, TRD, Delhi Division  
Central Delhi.

40. **Noida Power Company Limited,**  
Electric Sub Station Knowledge Park IV,  
Greater Noida-201310.

41. **Northern Railways,**  
Sr. DEE/ TRD, DRM Office, Hazratgan,  
Lucknow-226001.

....Respondents

**Parties present:**

Shri Prashant Kumar, BAPTL  
Shri Ranjeet S. Rajput, CTUIL  
Shri Akshayvat Kislay, CTUIL

**ORDER**

The Petitioner, POWERGRID Bikaner IV Transmission Limited, (erstwhile Bikaner A Power Transmission Limited) (hereinafter referred to as "the Petitioner"), has filed the present Petition under Section 63 of the Electricity Act, 2003 (hereinafter referred to as "the Act") to establish the transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-3: 6GW) [Bikaner complex]: Part A on a Build, Own, Operate and Transfer Basis. The Petitioner has made the following prayers:

- (a) *Adoption of Transmission Charges for Inter-State Transmission System for "Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-3: 6GW) [Bikaner complex]: Part A" discovered through competitive bidding process.*
- (b) *Allow the sharing and recovery of Transmission Charges for Inter-State Transmission System for "Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-3: 6GW) [Bikaner complex]: Part A" as per Sharing of Inter-state Transmission Charges and Losses CERC Regulations 2020 and any other amendment thereon issued from time to time by CERC.*
- (c) *Pass such other order / orders, as may be deemed fit and proper in the facts and circumstances of the case."*

2. On receipt of the present Petition, the Bid Process Coordinator (BPC), REC Power Development and Consultancy Limited (hereinafter referred to as "RECPDCL")

vide letter dated 9.1.2025, was directed to submit the relevant documents regarding the complete process of competitive bidding. The necessary details have been filed by the BPC vide affidavit dated 21.1.2025.

**Hearing dated 6.2.2025 and 11.3.2025**

3. The matter was admitted, and notices were issued to the Respondents to file their respective replies and rejoinders. However, no reply has been received from them.

4. During the course of the hearing on 11.3.2025, the representative of the Petitioner submitted that the name of the Petitioner company had been changed and sought liberty to file an affidavit to that effect, along with supporting documents. Accordingly, the Petitioner's representative was directed to file an affidavit placing on record the change in name of the Petitioner company.

**Analysis and Decision**

5. We have considered the submissions of the Petitioner and BPC and perused the documents available on record. Section 63 of the Act provides as under:

*"Section 63: Determination of tariff by bidding process: Notwithstanding anything contained in section 62, the Appropriate Commission shall adopt the tariff if such tariff has been determined through transparent process of bidding in accordance with the guidelines issued by the Central Government."*

6. The Ministry of Power, Government of India has notified the "Tariff based Competitive Bidding Guidelines for Transmission Service" and "Guidelines for Encouraging Competition in Development of Transmission Projects" (hereinafter referred to as "the Guidelines") under Section 63 of the Act vide Resolution No. 15/1/2017-Trans dated 10.8.2021, as amended from time to time. The salient features of the Guidelines are as under:



- (a) The Guidelines are applicable for the procurement of transmission services for transmission of electricity through tariff based competitive bidding for selection of the Transmission Service Provider (the TSP) for new transmission system on a Build, Own, Operate and Transfer (BOOT) basis.
- (b) For procurement of the transmission services required for any inter-State transmission Project, the Central Government shall notify the CTUIL or any Central Government Organization/ Central Public Sector Undertaking or its wholly owned subsidiary (Special Purpose Vehicle) to be the Bid Process Coordinator (BPC), who would be responsible for coordinating the bid process.
- (c) The BPC shall prepare the bid documents in accordance with the Guidelines and obtain approval of the Appropriate Government, or alternatively, the BPC can use the Standard Bid Documents notified by the Ministry of Power. Any material deviation from the Standard Bidding Documents shall be made only with the prior approval of the Appropriate Government. Intimation about initiation of the bidding process shall be sent by the BPC to the Appropriate Commission.
- (d) For the procurement of the transmission services under the guidelines, the BPC shall adopt a single stage two envelope tender process featuring Request for Proposal (RfP). The entire bidding process shall be conducted online through electronic medium under e-reverse bidding framework.
- (e) The RfP notice should be published in at least two national newspapers, website of the BPC, and preferably in trade magazines also, so as to accord it wide publicity. The bidding shall necessarily be by way of the International

Competitive Bidding (ICB). For the purpose of issue of the RfP, minimum conditions to be met by the bidder shall be specified in the RfP.

(f) Standard documentation to be provided in the RfP shall include definitions of requirements including brief description of the Project, commissioning milestones to be achieved by the bidders, qualification requirements to be met by the bidders including, minimum net worth, etc. with necessary proof of the same, as outlined in the bid documents, specified target dates/months for commissioning and commercial operations, Standard Transmission Service Agreement (TSA), agreement(s) under the Central Electricity Regulatory Commission (Sharing of Inter State Transmission Charges and Losses) Regulations as amended from time to time, period of validity of offer of bidder, TSA proposed to be entered with the SPV including amendments, bid evaluation methodology to be adopted by the BPC, specification regarding bid bond as well as the Contract Performance Guarantee to be furnished by the bidders, proposed indemnification agreement between the TSP and the Nodal Agency, liquidated damages that shall apply in the event of delay in start of providing the transmission services and technical, operational and safety criteria to be met by the bidder/TSP and requirement of obtaining the transmission licence from the Appropriate Commission.

(g) The TSP, on the date of acquisition of the SPV from the BPC will enter into a Transmission Service Agreement with the Nodal Agency.

(h) To ensure competitiveness, the minimum number of qualified bidders shall be two. For inter-State transmission system, bids shall be opened in the office of the CEA by a bid committee comprising of at least one member from the



CEA and one member from BPC. For inter-State transmission system, CEA shall constitute a committee for evaluation of the bids with at least one representative from the CEA and not less than two representatives from the concerned Regional Power Committees and one independent member. Further, in case project is inter-regional, there shall be at least one representative from every concerned RPC. The technical bids shall be examined to ensure that the bids submitted meet minimum eligibility criteria set out in the bid documents on all the technical evaluation parameters. Only the bids that meet all elements of the minimum technical criteria set out in the bid documents shall be considered for further evaluation on the transmission charges bids. The online initial price bids shall be electronically opened by the bid opening committee in the presence of the bid evaluation committee. The bidder, who has quoted the lowest transmission charge as per the evaluation procedure, shall be considered for the award.

(i) BPC is required to complete e-reverse bidding after opening of the initial offer within 75 days. The Procurer may give extended time frame indicated herein based on the prevailing circumstances, and such alterations shall not be construed to be deviation from these guidelines.

(j) The TSP shall make an application for the grant of a transmission licence to the Appropriate Commission within five (5) working days from the date of execution of the Share Purchase Agreement for acquisition of the SPV.

(k) BPC shall make the final result of evaluation of all bids public. The final TSA, along with the certification by the bid evaluation committee, shall be forwarded to the Appropriate Commission for the adoption of tariff discovered

from the quoted annual transmission charges during the e-reverse bidding process in terms of Section 63 of the Act.

7. Therefore, we have to examine whether the Guidelines issued by the Central Government have been followed in the present case in a transparent process of bidding.

8. The Ministry of Power, Government of India, vide its Gazette Notification No. 1298 [F. No. 15/3/2018-Trans-Part (4)] dated 15.3.2024, has notified the REC Power Development and Consultancy Limited as a Bid Process Coordinator (BPC) for the purpose of selection of a bidder as the Transmission Service Provider to establish the transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-3: 6GW) [Bikaner complex]: Part A on a Build, Own, Operate and Transfer Basis through a tariff based competitive bidding process.

9. Bikaner A Power Transmission Limited was incorporated on 14.5.2024 under the Companies Act 2013 as a wholly owned subsidiary of RECPDCL with the objective to establish the transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-3: 6GW) [Bikaner complex]: Part A on a Build, Own, Operate and Transfer Basis and to act as the Transmission Service Provider after being acquired by the successful bidder. The main objectives of the Petitioner Company in its Memorandum of Association are as under:

*"To plan, promote and develop an integrated and efficient power transmission system network in all its aspects including planning, investigation, research, design and engineering, preparation of preliminary, feasibility and definite project reports, construction, operation and maintenance of transmission lines, sub-stations, load dispatch stations and communication facilities and appurtenant works, coordination of integrated operation of regional and national grid system, execution of turn-key jobs for other utilities/organizations and*



wheeling of power in accordance with the policies, guidelines and objectives laid down by the Central Government from time to time”.

10. BPC prepared the bidding document (RfP) in accordance with the Standard Bid Documents issued by the Ministry of Power, Government of India.

11. BPC started the process of selection of the successful bidder with the publication of a Global Invitation for Qualification for the selection of a developer on a BOOT basis for the Project. The notice of the RfP was published in National/International newspapers on 6.6.2024 with the last date of submission of response to the RfP as 9.8.2024. Intimation regarding the initiation of the bid process was given to this Commission on 7.6.2024 in accordance with Clause 4.2 of the Guidelines dated 10.8.2021.

12. Factual Matrixes of the bidding process are as under:

S. No.	Events	Date
1	Publication of RfP	6.6.2024
2	Intimation to the Commission	7.6.2024
3	Technical & Price Bid Submission	26.9.2024
4	Technical Bid Opening	26.9.2024
5	Initial Bid Opening (IPO)	7.10.2024
6	e-Reverse Auction	8.10.2024
7	No. of Bidders participated in the e-Reverse Auction	4 Bidders (mentioned in para 18 below)
8	Rounds of E-Reverse Auction	71 Rounds
9	Final Bid Evaluation Committee Meeting	16.10.2024
10	Issuance of Lol	21.10.2024
11	Signing of Agreements & Transfer of SPV	11.11.2024
12	Estimated Cost of the Project	Rs. 44,610.50 Million

13. The scope of the Project as per the Request for Proposal and the Transmission Service Agreement is as under;

Sl. No	Name of the Transmission Element	Scheduled COD	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element
1.	<p>Establishment of 6x1500 MVA, 765/400 kV and 6x500 MVA, 400/220 kV Bikaner-IV Pooling Station along with 2x240 MVar (765 kV) and 2x125 MVar (420kV) Bus Reactors at a suitable location near Bikaner</p> <p>Bikaner-IV PS-AIS</p> <ul style="list-style-type: none"> <li>• 765/400 kV 1500 MVA ICTs- 6 Nos. (19x500 MVA including one spare unit)</li> <li>• 400/220 kV 500 MVA ICTs- 6 Nos.</li> <li>• 765 kV line bays- 2 Nos. (for 765 kV interconnection with Siwani S/s)</li> <li>• 400 kV line bays- 4 Nos. (For LILO of both ckts of Bikaner II PS- Bikaner III PS)</li> <li>• 765 kV ICT bays- 6 Nos.</li> <li>• 400 kV ICT bays- 12 Nos.</li> <li>• 220 kV ICT bays- 6 Nos.</li> <li>• 240 MVar Bus Reactor-2 Nos. (7x80 MVar, including one spare unit)</li> <li>• 765 kV Bus reactor bays-2 Nos.</li> <li>• 125 MVar Bus Reactor-2 Nos.</li> <li>• 400 kV Bus reactor bays- 2 Nos.</li> <li>• 220 kV line bays: 6 Nos. (for RE connectivity)</li> <li>• 400 kV line bays (for RE connectivity)- 3 Nos.</li> <li>• 400 kV Sectionalizer bay: 1 set</li> <li>• 220 kV Sectionalizer bay: 1 set</li> <li>• 220 kV BC (2 Nos.) bays and 220 kV TBC (2 Nos.) bays</li> <li>• 400 kV bays: 2 Nos. (for STATCOM)</li> </ul> <p>Future provisions at Bikaner-IV</p>	24 months from SPV transfer	100%	All Elements are required to be commissioned simultaneously as their utilization is dependent on each other.



	<p>PS: Space for</p> <ul style="list-style-type: none"> <li>• 765 kV line bays along with switchable line reactor-8 Nos.</li> <li>• 765 kV Bus Reactor along with bay: 1 No.</li> <li>• 400 kV line bays along with switchable line reactor-4 Nos.</li> <li>• 400 kV line bays- 2 Nos.</li> <li>• 400/220 kV ICT along with bays- 4 Nos.</li> <li>• 400 kV Bus Reactor along with bay: 1 No.</li> <li>• 400kV Sectionalizer bay: 1 set</li> <li>• 220 kV line bays for connectivity of RE Applications- 5 Nos.</li> <li>• 220 kV Sectionalizer bay: 2 sets</li> <li>• 220 kV BC (2 Nos.) bays and 220 kV TBC (2 Nos.) bays.</li> </ul>			
2.	<p>STATCOM (2x±300 MVar) along with MSC (4x125 MVar) and MSR (2x125 MVar) at Bikaner-IV PS</p> <p>•SATCOM (2x±300 MVar) along with MSC (4x125 MVar) and MSR (2x125 MVar)</p>			
3.	LILO of both ckts of Bikaner II PS-Bikaner III PS (Quad) direct 400 kV line at Bikaner-IV PS			
4.	<p>Bikaner-IV PS - Siwani 765 kV D/C line along with 240 MVar switchable line reactor for each circuit at each end</p> <ul style="list-style-type: none"> <li>• 765 kV, 240 MVar switchable line reactors at Bikaner-IV PS end- 2 Nos.</li> <li>• 765 kV, 240 MVar switchable line reactors at Siwani S/s end- 2 Nos.</li> <li>• Switching equipment for 765 kV, 240 MVar switchable line reactors at Bikaner-IV PS end - 2 Nos.</li> <li>• Switching equipment for 765 kV, 240 MVar switchable line reactors at Siwani S/s end - 2 Nos.</li> </ul>			
5.	Siwani- Fatehabad (PG) 400 kV D/C line (Quad)			

6.	<p>Siwani – Patran (Indi Grid) 400 kV D/C line (Quad) along with 80 MVAR switchable line reactor for each circuit at Siwani S/s end</p> <ul style="list-style-type: none"> <li>• 420 kV, 80 MVAR switchable line reactors at Siwani S/s end – 2 Nos.</li> <li>• Switching equipment for 420 kV, 80 MVAR switchable line reactors at Siwani S/s end – 2 Nos.</li> <li>• 400 kV GIS duct : 700 m at Patran S/s</li> </ul>			
7.	<p>2 Nos. 400 kV line bays each at Fatehabad (PG) and Patran (Indi Grid) GIS S/s</p> <ul style="list-style-type: none"> <li>• 400 kV line bays at Fatehabad (PG) S/s – 2 Nos.</li> <li>• 400 kV GIS line bays at Patran (Indi Grid) S/s – 2 Nos.</li> </ul>			
8.	<p>2 Nos. 765 kV line bays at Siwani S/s</p> <ul style="list-style-type: none"> <li>• 765 kV line bays at Siwani S/s – 2 Nos.</li> </ul>			
9.	<p>4 Nos. 400 kV line bays at Siwani S/s</p> <ul style="list-style-type: none"> <li>• 400 kV line bays at Siwani S/s – 4 Nos. (for 400 kV interconnections)</li> </ul>			

Note:

1. POWERGRID shall provide space for 2 Nos. of 400 kV line bays at Fatehabad (PG). IndiGrid shall provide space for 2 Nos. of 400 kV line bays (GIS) at Patran (Indi Grid) S/s.
2. Developer of Siwani S/s shall provide space for 2 Nos. of 765 kV line bays and 4 Nos. of 400 kV line bays at Siwani S/s."

14. For the purpose of evaluation of the bids, the Bid Evaluation Committee (BEC) comprising of the following was constituted:

1.	Sh. Rajesh Kumar Singh, General Manager, SBI, CCGRO-II, New Delhi	Chairman of the Committee
2.	Shri Bhanwar Singh Meena, Director (PSETD), CEA	Member
3.	Shri B. S. Bairwa, Chief Engineer (I/C)-(PSPA-II), CEA	Member



4.	Sh. V. A. Kale, Superintending Engineer, RVPN	Member
5.	Sh. D. K. Meena, Superintending Engineer, RVPN	Member
6.	Shri Kuntala Venugopal, Chairman, SPV	Convener- Member of the Committee

15. Responses to the RfP were received from the four bidders as per details given below:

Sr. No.	Name of Bidders
1.	Power Grid Corporation of India Limited
2.	The Tata Power Company Limited
3.	Adani Energy Solutions Limited
4.	Sterlite Grid 32 Limited

16. The responses of the bidders were opened on 26.9.2024 in the presence of the representatives of the bidders. Based on the recommendations of the Bid Evaluation Committee, the initial offers of all four bidders were opened on 7.10.2024 in the presence of the Bid Evaluation Committee. In the BEC meeting held on 7.10.2024, it was noted that the lowest transmission charge from the initial offer submitted by the bidders was Rs. 7,022.90 million, which shall be the initial ceiling for quoting the final offer during the e-Reverse Auction. Accordingly, the rank of the bidders for participation in the e-reverse auction is as under:

S. No.	Name of the Bidder	Quoted Transmission Charges from the Initial Offer (in Rs. Million)	Rank
1.	Adani Energy Solutions Limited	7,022.90	L1
2.	The Tata Power Company Limited	8,250.00	L2
3.	Power Grid Corporation of India Limited	8,656.30	L3
4.	Sterlite Grid 32 Limited	9,789.90	L4

17. As per the provisions of the RfP documents, BEC recommended the four qualified bidders participate in the e-reverse auction stage and submit their final offer.

18. The e-reverse auction was carried out at the MSTC portal on 8.10.2024 after intimating to the bidders regarding the lowest initial price offer. The transmission charges for the bidders (in ascending order) emerged as under:

S. No.	Name of the Bidder	Transmission Charges from the Initial Offer (in Rs. Million)	Transmission Charges from the Final Offer (in Rs. Million)	Rank
1.	Power Grid Corporation of India Limited	8,656.30	5,879.06	L1
2.	The Tata Power Company Limited	8,250.00	5,893.80	L2
3.	Adani Energy Solutions Limited	7,022.90	6,482.16	L3
4.	Sterlite Grid 32 Limited	9,789.90	6,952.92	L4

19. Based on the e-reverse bidding, BEC, in its meeting held on 16.10.2024, recommended Power Grid Corporation of India Limited, with the lowest transmission charges of Rs. 5,879.06 million, as the successful bidder.

20. The Letter of Intent was issued by the BPC on 21.10.2024 to the successful bidder, i.e., Power Grid Corporation of India Limited. In accordance with Clause 12.3 of the Guidelines, the BPC has hosted on the website of RECPDCL, the final result of the evaluation of the bids for the selection of a developer for the Project.

21. In accordance with the provisions of the bid documents and upon the issuance of Lol to the successful bidder (Power Grid Corporation of India Limited) and acquisition of SPV (the Petitioner) by the successful bidder, the Petitioner has prayed for the adoption of transmission charges for the Project which has been discovered through the competitive bidding process.

22. In accordance with Clause 2.15.2 of RfP, the selected bidder shall, within 10 days of the issue of the Letter of Intent, accomplish the following tasks:



- a) Provide the Contract Performance Guarantee in favour of the Nodal Agency;
- b) Execute the Share Purchase Agreement and the Transmission Service Agreement;
- c) Acquire, for the Acquisition Price, one hundred per cent (100%) equity shareholding of Bikaner A Power Transmission Limited from REC Power Development and Consultancy Limited, along with all its related assets and liabilities.

23. In accordance with Clause 2.15.4 of RfP, the selected bidder shall, within five working days of the issue of the acquisition of the SPV by the successful bidder, the TSP shall apply to the Commission for the grant of a transmission licence and make an application to the Commission for the adoption of transmission charges, as required under Section 63 of the Act.

24. The proviso to Clause 2.15.2 of the RfP provides that "if for any reason attributable to the BPC, the said activities are not completed by the Selected Bidder within the above period of ten (10) days as mentioned in this clause, such period of 10 days shall be extended, on a day to day basis till the end of the Bid validity period". As per the above provision, the selected bidder was required to complete all the activities, including the acquisition of the SPV, by 31.10.2024. Though Lol was issued on 21.10.2024, BPC, vide its letter dated 11.11.2024 in terms of Clauses 2.15.2 of RfP, extended the date up to 19.11.2024 for completion of all activities by the successful bidder. The selected bidder furnished the Contract Performance Guarantee in favour of the Nodal Agency (CTUIL) for an amount of Rs. 157.50 crores





- As per provisions of RFP document, following four (4) bidders were qualified to participate in the electronic reverse auction stage and submit their Final Offer:

S. No.	Name of the Bidder	Quoted Transmission Charges from the Initial Offer (in Rs. Million)	Rank
1.	M/s Adani Energy Solutions Limited	7,022.90	L1
2.	M/s The Tata Power Company Limited	8,250.00	L2
3.	M/s Power Grid Corporation of India Limited	8,656.30	L3
4.	M/s Sterlite Grid 32 Limited	9,789.90	L4

- To start electronic reverse auction on 08.10.2024 at 1000 Hrs (IST) after intimation to all the four (4) qualified bidders regarding lowest initial price offer.

3. Pursuant to the above, BPC confirmed to BEC that all the above four (4) qualified bidders were informed on 08.10.2024 (duly acknowledged by them) regarding the electronic reverse auction start time and lowest initial offer.

4. The electronic reverse auction started on 08.10.2024 at 1000 Hrs (IST) on MSTC portal and concluded on 09.10.2024 at 1500 hours. After 71 rounds of bidding, following transmission charges, as quoted by each bidder, emerged:

S. No.	Name of the Bidder	Transmission Charges from the Initial Offer (in Rs. Million)	Transmission Charges from the Final Offer (in Rs. Million)	Rank
1.	M/s Power Grid Corporation of India Limited	8,656.30	5,879.06	L1
2.	M/s The Tata Power Company Limited	8,250.00	5,893.80	L2
3.	M/s Adani Energy Solutions Limited	7,022.90	6,482.16	L3
4.	M/s Sterlite Grid 32 Limited	9,789.90	6,952.92	L4

The system generated bid history of electronic reverse auction is enclosed at Annex-1.

5. As per above table, M/s Power Grid Corporation of India Limited emerged as the successful Bidder after the conclusion of electronic reverse auction with the lowest annual transmission charges of Rs. 5879.06 Million which is also the Final Offer.

6. BPC, in their evaluation report (Annexure 2) has confirmed the following:

- a) Lowest annual transmission charges of Rs. 5879.06 million discovered through electronic reverse auction is less than the estimated annual transmission charges of Rs. 6571.79 million which is computed based on the estimated cost as communicated by cost committee and as per prevailing CERC norms.
  - b) As per provisions of RFP document, successful bidder, i.e. M/s Power Grid Corporation of India Limited has submitted original hard copies of Annexure-3, and Annexure-14 and the same are found to be in order.
  - c) The entire bid process has been carried out in accordance with the "Tariff based Competitive Bidding Guidelines for Transmission Service" and "Guidelines for encouraging competition in development of the Transmission Projects" issued by Ministry of Power, Govt. of India under Section 63 of the Electricity Act, 2003 as amended from time to time.
7. After detailed discussions on the evaluation report prepared by BPC (Annexure-2), the Bid Evaluation Committee observed the following:
- a) M/s Power Grid Corporation of India Limited, with the lowest annual transmission charges of Rs. 5879.06 million, is the successful Bidder after the conclusion of the e-reverse auction.
  - b) The transmission charges discovered after e-reverse auction is lower than the transmission charges estimated by BPC para 6 (a) and is acceptable.
8. In view of para 7 above, BEC recommended to issue the Letter of Intent (LoI) to M/s Power Grid Corporation of India Limited.
9. The certificate by BEC to be forwarded to CERC for adoption of tariff in terms of Section 63 of the Electricity Act, 2003 is attached as Annexure-3."
27. Bid Evaluation Committee (BEC), vide its certificate dated 16.10.2024, certified as under:

"It is certified that:

- a. The entire bid process has been carried out in accordance with the "Tariff based Competitive Bidding Guidelines for Transmission Service" and "Guidelines for encouraging competition in development of the Transmission Projects" issued by Ministry of Power, Govt. of India under Section 63 of the Electricity Act, 2003 and as amended from time to time.
- b. M/s Power Grid Corporation Limited, with the lowest annual transmission charges of Rs. 5879.06 Million, emerged as the Successful Bidder after the conclusion of electronic reverse auction.



- c. *The transmission charges of Rs. 5879.06 Million discovered after electronic reverse auction is acceptable.*"

28. In the light of the discussions in the preceding paragraphs, it emerges that the selection of the successful bidder and the discovery of the annual transmission charges of the Project has been carried out by the BPC through a transparent process of competitive bidding in accordance with the Guidelines issued by the Ministry of Power, Government of India under Section 63 of the Act. BEC has certified that the process is in conformity with the Ministry of Power Guidelines. BEC, in its certificate dated 16.10.2024, has certified that Power Grid Corporation of India Limited has emerged as the successful bidder after the conclusion of the e-reverse auction with the lowest transmission charges of Rs. 5,879.06 million. Based on the certification of the BEC, we approve and adopt the single annual transmission charges of Rs. 5,879.06 million as per the final offer of the successful bidder subject to the grant of a transmission licence to the Petitioner company. The transmission charges shall remain valid throughout the period covered in the TSA.

29. The sharing of the transmission charges by the designated ISTS customers (DICs) shall be governed by the provisions of the Central Electricity Regulatory Commission (Sharing of inter-State Transmission Charges and Losses) Regulations, 2020, as amended from time to time.

30. The Petitioner, vide its affidavit dated 13.3.2025, has informed that the name of the Petitioner company has been changed from 'Bikaner A Power Transmission Limited' to 'POWERGRID Bikaner IV Transmission Limited' with effect from 5.3.2025. The certificate of change of name from 'Bikaner A Power Transmission Limited' to 'POWERGRID Bikaner IV Transmission Limited' dated 5.3.2025 issued by the Registrar of Companies, Manesar, Haryana, has been placed on record. Accordingly,

the name of the Petitioner has been changed to 'POWERGRID Bikaner IV Transmission Limited' and the same has been taken on record.

31. Extract copy of this order shall be sent to the Nodal agency, CTUIL.
32. Petition No. 64/AT/2025 is disposed of in terms of the above.

**Sd/-**  
**(Ravinder Singh Dhillon)**  
**Member**

**sd/-**  
**(Harish Dudani)**  
**Member**

**sd/-**  
**(Ramesh Babu V.)**  
**Member**

**sd/-**  
**(Jishnu Barua)**  
**Chairperson**

**MANOJ**  
**KUMAR**  
**PANDEY**  
Digitally signed  
by MANOJ  
KUMAR PANDEY  
Date: 2025.06.23  
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एन के, पांडे / M.K. Pandey  
मुख्य महाप्रबन्धक / Chief General Manager  
परियोजना प्रबन्धक / Project In-charge  
पावरग्रिड बिकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited





भारत सरकार  
Government of India

विद्युत मंत्रालय

Ministry of Power

केंद्रीय विद्युत प्राधिकरण

Central Electricity Authority

विद्युत प्रणाली योजना एवं मूल्यांकन प्रभाग- II

Power System Planning & Appraisal Division-II

सेवा में /To

As per list of Addresses

विषय: ट्रांसमिशन पर राष्ट्रीय समिति (एनसीटी) की उन्नीसवीं बैठक की कार्यवृत्त ।

Subject: Minutes of the 29<sup>th</sup> Meeting of the National Committee on Transmission (NCT).

महोदया (Madam) / महोदय (Sir),

The 29<sup>th</sup> meeting of the National Committee on Transmission (NCT) was held on 17<sup>th</sup> April, 2025 at New Delhi. The minutes of the meeting are attached herewith.

भवदीय / Yours faithfully

(बी.एस. बैरवा / B.S. Bairwa)

मुख्य अभियन्ता (इंचार्ज) एवं सदस्य सचिव, (एन.सी.टी.)/  
Chief Engineer (I/C) & Member Secretary (NCT)

प्रतिलिपि / Copy to:

Joint Secretary (Trans), Ministry of Power, New Delhi

MANOJ  
KUMAR  
PANDEY

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Date: 2025.06.23  
18:29:21 +05'30'

एन.के. पांडे / N.K. Pandey  
मुख्य महाप्रबंधक / Chief General Manager  
परियोजना प्रभारी / Project in-charge  
पावरग्रिड बीकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited

सेवाभवन, आर.के.पुरम-I, नई दिल्ली-110066 टेलीफोन: 011-26732325 ईमेल: cea-pspa2@gov.in वेबसाइट: www.cea.nic.in  
SewaBhawan, R.K Puram-I, New Delhi-110066 Telephone: 011-26732325 Email: cea-pspa2@gov.in Website: www.cea.nic.in

As the cost of BESS, based on recent tenders, is observed to be less than the cost of proposed HVDC systems, it is suggested that planning of suitable BESS capacity may be explored in the Rajasthan RE complex. It would provide multifold benefits in terms of transmission system being planned for RE evacuation, providing the necessary flexibility support during the non-solar hours, resource adequacy during non-solar hours and also has low gestation period compared to HVDCs.

3.3.5 Chairperson, CEA directed CTUIL to carry out a life-time cost-benefit analysis of BESS vis-à-vis proposed HVDC transmission schemes and present the same in the forthcoming NCT meeting.

3.4 **Augmentation of 2x500 MVA (7th & 8th), 400/220 kV ICTs along with 220 kV Sectionalizer bay (1 set), 220 kV BC (1 No.) bay and 220 kV TBC (1 No.) bay at Bikaner-IV PS**

3.4.1 Representative of CTUIL stated that, 765/400/220 kV Bikaner-IV PS is an under implementation RE pooling station by Bikaner A Power Transmission Limited (a 100% wholly owned subsidiary of POWERGRID) with transformation capacity of 6x1500 MVA at 765/400 kV level and 6x500 MVA at 400/220 kV level with the schedule of Nov'26 and presently, total connectivity granted at Bikaner-IV PS is 6000 MW, out of this, 3150 MW is granted at 220 kV level and 2850 MW is granted at 400 kV level.

3.4.2 It was further mentioned that, considering the total connectivity granted of 3150 MW at 220 kV level at Bikaner-IV PS, augmentation of 2x500 MVA ICTs (7th & 8th) is required to be taken up to facilitate transfer of power.

3.4.3 After deliberations, the scheme "Augmentation of 2x500 MVA (7th & 8th), 400/220 kV ICTs along with 220 kV Sectionalizer bay (1 set), 220 kV BC (1 No.) bay and 220 kV TBC (1 No.) bay at Bikaner-IV PS" was approved for implementation under RTM route as mentioned below:

3.4.4 Summary of the scheme is given below:

Sl. No.	Name of the scheme and tentative implementation timeframe	Estimated Cost (₹ Crore)	Remarks
1.	Augmentation of 2x500 MVA (7th & 8th), 400/220 kV ICTs along with 220 kV Sectionalizer bay (1 set), 220 kV BC (1 No.) bay and 220 kV TBC (1 No.) bay at Bikaner-IV PS  Tentative implementation timeframe : 21 months from the date of allocation	122.88	Approved for implementation under RTM through Bikaner A Power Transmission Limited (a 100% wholly owned subsidiary of POWERGRID)

3.4.5 Detailed scope of the scheme is given below:

संयोजक/आयुक्त, राजस्थान राज्य  
संयोजक/आयुक्त, बिहार राज्य  
संयोजक/आयुक्त, छत्तीसगढ़ राज्य  
संयोजक/आयुक्त, झारखण्ड राज्य



Sl. No.	Scope of the Transmission Scheme	Capacity/km
1	Augmentation of 400/220 kV, 2x500 MVA (7 <sup>th</sup> & 8 <sup>th</sup> ) ICTs at Bikaner-IV PS along with associated transformer bays	<ul style="list-style-type: none"> <li>• 500 MVA, 400/220 kV ICT - 2 Nos.</li> <li>• 400 kV ICT bays – 2 Nos.</li> <li>• 220 kV ICT bay – 2 Nos.</li> </ul>
2	220 kV Sectionalizer bay (1 set), 220 kV BC (1 No.) bay and 220 kV TBC (1 No.) bay at Bikaner-IV PS	<ul style="list-style-type: none"> <li>• 220 kV Sectionalizer bay: 1 set</li> <li>• 220 kV BC bay : 1 No.</li> <li>• 220 kV TBC bay: 1 No.</li> </ul>

एम के पांडे / M.K. Pandey  
 मुख्य महाप्रबन्धक / Chief General Manager  
 परियोजना प्रबन्धी / Project In-charge  
 पावरग्रिड बीकानेर IV ट्रांसमिशन लिमिटेड  
 POWERGRID Bikaner IV Transmission Limited

- 3.7.5 Representative of RECPDCL informed that the current bid submission deadline for the scheme "Transmission system for proposed Green Hydrogen / Green Ammonia projects in Tuticorin area" is 25.04.2025 and SPV transfer is targeted by 30.05.2025.
- 3.7.6 Further, Representative of PFCCL informed that the bid submission date for the scheme "Transmission system for proposed Green Hydrogen / Green Ammonia projects in Kakinada area (Phase-I)" is 06.05.2025 and expected month of SPV transfer is June, 2025.
- 3.7.7 After deliberations, NCT opined that bid submission and bid evaluation may be carried out. However, the transmission system may not be awarded for implementation for time being. Decision regarding awarding of the schemes would be taken based on submission of the applications by Green Hydrogen / Green Ammonia project developers.

#### 4 Communication Schemes:

##### 4.1 Scheme for laying of OPGW on ISTS lines in Eastern Region

- 4.1.1 Representative of CTUIL stated that, OPGW on below mentioned lines have been installed & commissioned by POWERGRID during the period 2004- 2005 and the links were commissioned by POWERGRID Telecom Department (PDT) utilized for sensitive and critical grid management data to RLDC/NLDC from sub-stations and SLDCs.

- 400 kV Prayagraj (Allahabad)-Sasaram (214.42 km)
- 400 kV Farakka -Sagardighi II -Jeerat (304.16 km)
- 400 kV Indravati-Rengali-Talcher (377.31 km)
- 400 kV Malda - Purnea & 400 kV Purnea -Binaguri (367.36 km)
- 400 kV Binagauri-Bongaigaon (239.81 km)

- 4.1.2 After deliberations, the proposed scheme was deferred for further technical deliberation.

##### 4.2 OPGW laying work on 132 kV Dharnanagar- Dullavcherra and 132 kV Dullavcherra-Halaikandi line

- 4.2.1 Representative of CTUIL stated that, to strengthen the ISTS OPGW connectivity in NER, Transmission Scheme "OPGW laying work on 132 kV Dharnanagar- Dullavcherra and 132 kV Dullavcherra-Halaikandi line" is proposed.

- 4.2.2 After deliberations, the scheme "OPGW laying work on 132 kV Dharnanagar- Dullavcherra and 132 kV Dullavcherra- Halaikandi line" was approved for implementation under RTM route.

- 4.2.3 Summary of the scheme is given below:

Sl. No.	Name of the scheme and tentative implementation timeframe	Estimated Cost (₹ Crore)	Remarks
1.	OPGW laying work on 132 kV Dharnanagar- Dullavcherra and 132 kV Dullavcherra- Halaikandi line	4.662	Approved for implementation under RTM through PowerGrid



	Tentative implementation timeframe: 24 months from the date of allocation		
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4.2.4 Detailed scope of the scheme is given below:

Sl. No.	Scope of the Transmission Scheme
1.	OPGW(48F) laying work on 132kV Dharamnagar- Dullavcheria (37 km)(jointly owned by Assam and Tripura) and 132kV Dullavcheria- Halaikandi (31.4 km) line(Assam owned).
2.	Supply and Installation work of three Nos. of STM16 FOTEs, One each at Dharamnagar, Dullavcheria, Halaikandi S/s along with required interfaces for ISTS and STU connectivity of the 132kV P K Bari(state)-Dharamnagar- Dullavcheria – Halaikandi-Silchar link.

4.3 **Revision in Implementation Schedule for Communication schemes approved in 26<sup>th</sup> and 27<sup>th</sup> NCT meeting.**

4.3.1 Representative of CTUIL mentioned that in the 26<sup>th</sup> meeting of NCT, NCT revised the Implementation time Schedule of ISTS Communication System Schemes. However, 4 No. of communication schemes approved in 26<sup>th</sup> NCT and 2 no of communication schemes approved in 27<sup>th</sup> NCT allocated to M/s POWERGRID under RTM mode were allocated with lesser implementation timeframe as decided in the 26<sup>th</sup> meeting of NCT.

4.3.2 After deliberations, NCT revised the implementation schedule for the communication schemes approved in 26<sup>th</sup> and 27<sup>th</sup> NCT meeting” as mentioned below:

S. No.	Scheme Name	Total Line length	Approved Schedule
<b>Approved in 26<sup>th</sup> NCT</b>			
1	Redundant Communication for Salal (NHPC) station	62 km	30 months
2	Redundant Communication for Tuticorin GIS (PG) Substation	25 km	24 months
3	OPGW replacement on 132kV Kahilipara-Umiam Stg. III-Umiam Stg. I - NEHU link & OPGW on 132kV Sarusajai -Umtru line & UGFO NERLDC Guwahati to Kahilipara for backup NERLDC	129.26 km (OPGW) + 2 km (UGFO)	30 months
4	OPGW replacement on 132kV Nehu-Neigrihms-Khliehriat Ckt-I & UGFO from Tower 25 of 132kV Nehu-Mawlyndep line to NERLDC Shillong	73 km (OPGW) + 3.5 km (UGFO)	30 months

S. No.	Scheme Name	Total Line length	Approved Schedule
<b>Approved in 27<sup>th</sup> NCT</b>			
1	OPGW installation on 765 kV Fatehpur-Varanasi S/c line and  765 kV Fatehpur-Sasaram S/c line  (proposed to be LILOed at New Prayagraj)	223km+  356km  (=579km)	30 months
2	Supply and installation of OPGW on existing 765 kV Gwalior-Satna S/c Line which is proposed to be LILOed at Karera (near Datiya) S/s under TBCB Project namely "Western Region Expansion Scheme XXXIII (WRES-XXXIII): Part B"	341	30 months

## 5 Status of the bids under process by BPCs

5.1 The BPCs (RECPDCL and PFCCL) have made presentations on the status of under bidding schemes. Summary of the same is given below:

S.No.	Region(s)	RECPDCL	PFCCL
1	LoI issued	01	02
2	Bids Under Evaluation	00	01
3	RfP issued and bids to be submitted	02	08
4	RfP to be issued	04	01
5	RfP bid submission on hold	01	00
	<b>TOTAL</b>	<b>08</b>	<b>12</b>

5.1 Members noted the status of the schemes under bidding.

## 6 Evaluation of functioning of National Grid.

6.1 Grid-India made a presentation on performance of the National Grid in Q3 & Q4 of FY 2024-25. Following major issues were highlighted by Grid-India:

- Flexibility and Ramping Requirement:** Grid-India informed that persistent high frequency has been observed in the Indian grid especially during solar hours. Frequency was above the IEGC band (49.90 – 50.05 Hz) for more than 20% of the time on ~39 days in Q3 and Q4 of FY 2024-25.

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सुपुर्ग महाप्रबन्धक / Chief General Manager  
परियोजना प्रबन्धी / Project In-charge  
पश्चिम क्षेत्रीय IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited





# ANNEXURE IV A

सेंट्रल ट्रांसमिशन यूटिलिटी ऑफ इंडिया लिमिटेड

(पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड के स्वामित्व में)

(भारत सरकार का उद्यम)

CENTRAL TRANSMISSION UTILITY OF INDIA LTD.

(A wholly owned subsidiary of Power Grid Corporation of India Limited)

(A Government of India Enterprise)

Ref. No.: CTUIL/OM/25/29<sup>th</sup> NCT

05<sup>th</sup> May 2025

As per distribution list

**Sub: Implementation of ISTS Transmission / Communication Schemes approved by NCT in its 29<sup>th</sup> meeting held on 17<sup>th</sup> April 2025 under Regulated Tariff Mechanism (RTM).**

NCT vide letter dated 05.05.2025 has awarded following ISTS Transmission scheme for its implementation under RTM mode by the respective implementing agency as indicated in the table below:

Sl. No.	Transmission Schemes	Implementing Agency
<b>I. ISTS Transmission scheme approved by NCT under RTM Route</b>		
1.	Augmentation of 2x500 MVA (7 <sup>th</sup> & 8 <sup>th</sup> ), 400/220 kV ICTs along with 220 kV Sectionalizer bay (1 set), 220 kV BC (1 no.) bay and 220 kV TBC (1 no.) bay at Bikaner-IV PS.	Bikaner A Power Transmission Limited (a 100% wholly owned subsidiary of POWERGRID)
<b>II. ISTS communication scheme approved by NCT under RTM Route</b>		
1.	OPGW laying work on 132 kV Dharamnagar- Dullavcherla and 132 kV Dullavcherla - Halaikandi line	POWERGRID

Further, NCT approved the revision in Implementation schedule of Communication schemes approved in 26<sup>th</sup> and 27<sup>th</sup> NCT meeting as mentioned below:

Sl. No.	Scheme Name	Total Line length	Approved Schedule
<b>Approved in 26<sup>th</sup> NCT</b>			
1	Redundant Communication for Salal (NHPC) station.	62 km	30 months
2	Redundant Communication for Tuticorin GIS (PG) Substation.	25 km	24 months
3	OPGW replacement on 132kV Kahilipara-Umiam Stg. III-Umiam Stg. I - NEHU link & OPGW on 132kV Sarusajai -Umtru line & UGFO NERLDC Guwahati to Kahilipara for backup NERLDC.	129.26 km (OPGW) + 2 km (UGFO)	30 months

\*सौदागिनी, पथम तल, प्लॉट नं.2, सेक्टर-29, गुरुग्राम-122001 (हरियाणा), दूरभाष: 0124-2822000, सीआईएस: U40100HR2020G0091857

"Saudamini", 1st Floor, Plot No. 2, Sector-29, Gurugram-122001 (Haryana), Tel.: 0124-2822000, CIN: U40100HR2020G0091857

Website: <https://www.ctuil.in>

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एच के पांडे/H.K. Pandey

मुख्य प्रशासक/Chief General Manager  
परियोजना प्रभारी/Project in-charge  
पावरग्रिड बिकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited

Sl. No.	Scheme Name	Total Line length	Approved Schedule
4	OPGW replacement on 132kV Nehu-Neigrihms-Khliehriat Ckt-1 & UGFO from Tower 25 of 132kV Nehu-Mawlyndep line to MERLDC Shillong	73 km (OPGW) + 3.5 km (UGFO)	30 months
<b>Approved in 27<sup>th</sup> NCT</b>			
1	OPGW installation on 765 kV Fatehpur-Varanasi S/c line and 765 kV Fatehpur-Sasaram S/c line (proposed to be LILOed at New Prayagraj)	223 km+ 356 km (~579 km)	30 months
2	Supply and Installation of OPGW on existing 765 kV Gwalior-Satna S/c Line which is proposed to be LILOed at Karera (near Ditiya) S/s under TBCB Project namely "Western Region Expansion Scheme XXXIII (WRES-XXXIII): Part B"	341km	30 months

Copy of NCT letter dated 05.05.2025 is enclosed. The detailed scope of work along with implementation time frame for the above ISTS Transmission and Communication Schemes shall be as per the enclosed NCT letter and Minutes of the 29<sup>th</sup> meeting of NCT.

The implementing agency shall enter into a concession agreement with CTUIL for implementation of the aforementioned Transmission Scheme. However, pending finalization of Concession Agreement, it is requested to initiate necessary actions for implementation of the aforementioned Transmission Scheme.

This is for your kind information and necessary action, please.

Thanking you.

Yours faithfully,



(Partha Sarathi Das)  
Sr. General Manager

Encl.: as stated.

पुनर्वितरण विभाग, दिल्ली  
पुनर्वितरण विभाग, दिल्ली  
पुनर्वितरण विभाग, दिल्ली  
पुनर्वितरण विभाग, दिल्ली

एन के पांडे/M.K. Pandey  
मुख्य महाप्रबन्धक/Chief General Manager  
परियोजना प्रबन्धक/Project in-charge  
पुनर्वितरण विभाग IV (पुनर्वितरण निगम)  
POWERGRID Eastern IV Transmission Limited



**Distribution List:**

<b>1. The Chairman &amp; Managing Director</b> Power Grid Corporation of India Ltd., Saudamini, Plot No. 2, Sector-29, Gurgaon- 122 001 <a href="mailto:cmid@powergrid.in">cmid@powergrid.in</a>	<b>2. Executive Director (TBCB)</b> Bikaner A Power Transmission Limited, Saudamini, Plot No. 2, Sector-29, Gurgaon- 122 001 <a href="mailto:prandey@powergrid.in">prandey@powergrid.in</a>
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श्री के. पी. पांडे / M.K. Pandey  
मुख्य महाप्रबन्धक / Chief General Manager  
परियोजना प्रभारी / Project In-charge  
बिकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited



**भारत सरकार**  
**Government of India**  
**विद्युत मंत्रालय**  
**Ministry of Power**  
**केन्द्रीय विद्युत प्राधिकरण**  
**Central Electricity Authority**  
**विद्युत प्रणाली योजना एवं मूल्यांकन प्रभाग-II**  
**Power System Planning & Appraisal Division-II**

सेवा में / To

Chief Operating Officer, CTUIL  
 Floors Nos. 5-10, Tower 1, Plot Nos. 16,  
 IRCON International Tower, Institutional Area,  
 Sector 32, Gurugram, Haryana – 122001

**विषय: एनसीटी द्वारा 17.04.2025 को आयोजित अपनी 29<sup>वीं</sup> बैठक में अनुमोदित आईएसटीएस ट्रांसमिशन/संचार योजनाओं का कार्यान्वयन- के बारे में**

**Subject: Implementation of ISTS Transmission/Communication Schemes approved by NCT in its 29<sup>th</sup> meeting held on 17.04.2025- regarding**

महोदय/Sir,

The undersigned is directed to inform that NCT has approved implementation of the following ISTS Transmission and Communication Schemes in its 29<sup>th</sup> meeting held on 17.04.2025, to be implemented through Regulated Tariff Mechanism (RTM) route by agency as indicated below:

**I. Modification in the earlier approved/notified communication schemes:**

- NCT approved the Revision in Implementation Schedule for Communication schemes approved in 26<sup>th</sup> and 27<sup>th</sup> NCT meeting as mentioned below:

S. No.	Scheme Name	Total Line length	Approved Schedule
<b>Approved in 26<sup>th</sup> NCT</b>			
1	Redundant Communication for Salal (NHPC) station	62 km	30 months
2	Redundant Communication for Tuticorin GIS (PG) Substation	25 km	24 months
3	OPGW replacement on 132kV Kahilipara-Umiam Stg. III-Umiam Stg. I - NEHU link & OPGW on 132kV Sarusajai -Umtru line & UGFO NERLDC Guwahati to Kahilipara for backup NERLDC	129.26 km (OPGW) + 2 km (UGFO)	30 months

एच.के. पांडे / H.K. Pandey  
 मुख्य प्रबंधक/Chief General Manager  
 परियोजना प्रभारी/Project in-charge



4	OPGW replacement on 132kV Nehu-Neigrihms-Khliehriat Ckt-1 & UGFO from Tower 25 of 132kV Nehu-Mawlyndep line to NERLDC Shillong	73 km (OPGW) + 3.5 km (UGFO)	30 months
<b>Approved in 27<sup>th</sup> NCT</b>			
1	OPGW installation on 765 kV Fatehpur-Varanasi S/c line and 765 kV Fatehpur-Sasaram S/c line (proposed to be LILoed at New Prayagraj)	223km+ 356km (=579km)	30 months
2	Supply and installation of OPGW on existing 765 kV Gwalior-Satma S/c Line which is proposed to be LILoed at Karera (near Datiya) S/s under TBCB Project namely "Western Region Expansion Scheme XXXIII (WRES-XXXIII): Part B"	341	30 months

**II. ISTS Transmission schemes, approved by NCT under RTM route is given below:**

Sl. No.	Name of Transmission Scheme	Implementation Mode	Implementation timeframe	Estimated Cost (₹ Cr)
1.	Augmentation of 2x500 MVA (7 <sup>th</sup> & 8 <sup>th</sup> ), 400/220 kV ICTs along with 220 kV Sectionalizer bay (1 set), 220 kV BC (1 no.) bay and 220 kV TBC (1 no.) bay at Bikaner-IV PS	RTM through Bikaner A Power Transmission Limited (a 100% wholly owned subsidiary of Powergrid)	21 months from the date of allocation	122.88

The broad scope of above schemes are given below

Sl. No.	Name of Scheme & Tentative implementation timeframe	Broad Scope
1.	Augmentation of 2x500 MVA (7 <sup>th</sup> & 8 <sup>th</sup> ), 400/220 kV ICTs along with 220 kV Sectionalizer bay (1 set), 220 kV BC (1 no.) bay and 220 kV TBC (1 no.) bay at Bikaner-IV PS  <b>Implementation Timeframe:</b> 21 months from the date of allocation	i) Augmentation of 400/220 kV, 2x500 MVA (7 <sup>th</sup> & 8 <sup>th</sup> ) ICTs at Bikaner-IV PS along with associated transformer bays ii) 220 kV Sectionalizer bay (1 set), 220 kV BC (1 no.) bay and 220 kV TBC (1 no.) bay at Bikaner-IV PS  <b>(Detailed scope as approved by 29<sup>th</sup> NCT and subsequent amendments thereof)</b>

**III. Communication schemes approved by NCT**

एन के पांडे/N.K. Pandey  
मुख्य महाप्रबन्धक/Chief General Manager  
परियोजना प्रबन्धी/Project in-charge  
प्रबन्धन विभाग IV/Transmission Division  
POWERGRID Bikaner IV Transmission Limited

Sl. No.	Name of Transmission Scheme	Implementation Mode	Tentative Implementation timeframe	Implementing Agency	Estimated Cost (Rs. Crs)
1.	OPGW laying work on 132 kV Dharamnagar-Dullavcherra and 132 kV Dullavcherra-Halaikandi line	RTM	24 months from the date of allocation	POWERGRID	4.662

The above schemes are awarded to CTUIL for implementation under RTM mode. CTUIL is requested to take necessary action for entering into a concession agreement with the respective agency for implementation of the above schemes.

CTU is requested to intimate the implementing Agency. Detailed scope of the schemes are as per minutes of the meeting. Copy of the minutes are enclosed.

Encl.: As above.

भवदीय / Yours faithfully,



(बी.एस. बैरवा/ B.S. Bairwa)

मुख्य अभियन्ता (इंजार्ज) एवं सदस्य सचिव, एन.सी.टी./  
Chief Engineer (I/C) & Member Secretary (NCT)

Copy to:

Joint Secretary (Trans), Ministry of Power, Shram Shakti Bhawan, New Delhi-110001

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मुख्य प्रशासक / Chief General Manager  
परियोजना प्रभारी / Project in-charge  
आयोजना IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited





सेंट्रल ट्रांसमिशन यटिलिटी ऑफ इंडिया लिमिटेड

(पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड के स्वामित्व में)

(भारत सरकार का उद्यम)

CENTRAL TRANSMISSION UTILITY OF INDIA LTD.

(A wholly owned subsidiary of Power Grid Corporation of India Limited)

(A Government of India Enterprise)

Ref. No.: C/CTU/AI/00/23<sup>rd</sup> CCTP

08<sup>th</sup> May 2025

**OFFICE MEMORANDUM**

**Sub: Inter-State Transmission Schemes (costing up to Rs.100 Cr.) to be taken up for implementation under Regulated Tariff Mechanism (RTM).**

The undersigned is directed to inform that CTU has approved the implementation of the following ISTS costing less than or equal to Rs.100 Cr. in line with the MoP office order dated 28.10.2021 under the Regulated Tariff Mechanism (RTM) mode by the implementing agencies as indicated in the table below:

Sl. No.	Name of Transmission Scheme	Implementing Agency
<b>Western Region</b>		
1.	Installation of 765kV 1x80MVA 1-phase hot spare reactor at Raigarh (Kotra) S/s for 3x80MVA 765kV BR #2 on 765kV Bus Section A	Power Grid Corporation of India Ltd.
<b>Northern Region</b>		
2.	Augmentation of Transformation capacity at 400/220kV Jaipur South (PG) S/s in Rajasthan by 1x500MVA, 400/220kV ICT (3rd)	Power Grid Corporation of India Ltd.
3.	Augmentation of transformation capacity at 400/220kV Neemrana (PG) in Rajasthan by 1x500 MVA, 400/220kV ICT (3rd)	Power Grid Corporation of India Ltd.
4.	Augmentation of transformation capacity at 400/220kV Lucknow (PG) S/s in Uttar Pradesh by 1x500 MVA, 400/220kV ICT (3rd)	Power Grid Corporation of India Ltd.
5.	Implementation of 3 nos. of 220 kV line bays for interconnection of M/s Furies Solren Private Limited (300MW) [1 no. bay] & M/s SJVN Green Energy Limited (500MW) [2 no. bays] RE power projects at 765/400/220kV Bikaner-IV PS	POWERGRID Bikaner IV Transmission Limited (erstwhile Bikaner A Power Transmission Limited) (a 100% wholly owned subsidiary of Power Grid Corporation of India Ltd.)
6.	Implementation of 1 no. of 220 kV line bay at 765/400/220kV Barmer-I PS for interconnection of M/s Anboto Solar Private Limited(250MW+50MW) RE power projects	POWERGRID Barmer I Transmission Ltd. (a 100% wholly owned subsidiary of Power Grid Corporation of India Ltd.)
<b>Southern Region</b>		
7.	Augmentation of Transformation capacity at 400/220kV Nagarjunasagar S/s in Andhra Pradesh by 1x500MVA, 400/220kV ICT (4th)	Power Grid Corporation of India Ltd.
8.	Conversion of 80 MVA fixed line reactor at Nellore end on Vijayawada – Nellore 400kV D/c line (Line-2) to switchable line reactor along with NGR and its bypassing scheme	Power Grid Corporation of India Ltd.

"सदाशिव", प्रथम तल, प्लॉट नं. 2, सेक्टर-29, गुरुग्राम- 122001 (हरियाणा), दूरभाष: 0124-2822000, सीआईएन: U40100HR2020GOI091857

"Sadashiv", 1st Floor, Plot No. 2, Sector-29, Gurugram-122001 (Haryana), Tel: 0124-2822000, CIN: U40100HR2020GOI091857

Website: <https://www.ctui.in>

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एन के पंडे / M.K. Pandey  
मुख्य महाप्रबन्धक / Chief General Manager  
परिचालन प्रभारी / Project In-charge  
पावरग्रिड बिकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited

9.	Implementation of 2 nos. of 220kV line bays at Tumkur (Pavagada) PS for providing Connectivity to various RE generation projects	Power Grid Corporation of India Ltd.
10.	Augmentation of transformation capacity at 400/220kV Kozhikode S/s in Kerala by 500 MVA 400/220kV ICT (4th)	Power Grid Corporation of India Ltd.
11.	Augmentation of transformation capacity at 400/220kV Trivandrum S/s in Kerala by 500 MVA 400/220kV ICT (4th)	Power Grid Corporation of India Ltd.
12.	Augmentation / replacement of existing 400/230kV, 315 MVA ICT-2 with 1x500 MVA ICT at Udumalpet 400/230kV S/s	Power Grid Corporation of India Ltd.

The detailed scope of works for the above transmission schemes is given at Annexure-I

The above transmission schemes are awarded to the Implementing Agency for its implementation under RTM mode. The implementing agency shall enter into a concession agreement with CTU for the implementation of the above-mentioned transmission schemes through the Regulated Tariff Mechanism (RTM).

This issues with the approval of Competent Authority.



(Partha Sarathi Das)  
Sr. General Manager

Encl: as stated.



To:

1. <b>The Chairman &amp; Managing Director</b> Power Grid Corporation of India Ltd., Saudamini, Plot No. 2, Sector-29, Gurgaon- 122 001	2. <b>POWERGRID Bikaner IV Transmission Limited</b> (erstwhile Bikaner A Power Transmission Limited) (a 100% wholly owned subsidiary of Power Grid Corporation of India Ltd.) Saudamini, Plot No. 2, Sector-29, Gurgaon – 122009
3. <b>POWERGRID Barmer I Transmission Ltd.</b> (a 100% wholly owned subsidiary of Power Grid Corporation of India Ltd.) Saudamini, Plot No. 2, Sector-29, Gurgaon – 122009	

Copy to:

1. <b>Shri B.S. Bairwa</b> Chief Engineer (I/c) & Member Secretary (NCT) Central Electricity Authority Sewa Bhawan, R. K. Puram, New Delhi-110 066	2. <b>Shri Om Kant Shukla</b> Director (Transmission) Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi 110 001
--	--

CC:

1. <b>Director(W&amp;P)</b> UP Power Transmission Company Ltd. Shakti Bhawan Extn, 3rd floor, 14, Ashok Marg, Lucknow-226 001 <a href="mailto:director_project@upptcl.org">director_project@upptcl.org</a> ; <a href="mailto:setppssn@gmail.com">setppssn@gmail.com</a> ;	For kind information, please.
2. <b>Director (Technical)</b> Rajasthan Rajya Vidyut Prasaran Nigam Ltd. Vidyut Bhawan, Jaipur, Rajasthan-302005. <a href="mailto:dir.tech@rvpn.co.in">dir.tech@rvpn.co.in</a>	For kind information, please
3. <b>Director (Transmission)</b> Transmission Corp. of Andhra Pradesh Ltd. (APTRANSCO) Vidyut Soudha, Gunadala, Eluru Rd, Vijayawada, Andhra Pradesh – 520 004 <a href="mailto:kannanvenkatabhaskar.angulabharanam@aptransco.co.in">kannanvenkatabhaskar.angulabharanam@aptransco.co.in</a> ; <a href="mailto:cepsaptransco@gmail.com">cepsaptransco@gmail.com</a>	For kind information, please.
4. <b>Director (Transmission Projects)</b> Tamil Nadu Transmission Corporation Ltd (TANTRANSCO) 6 <sup>th</sup> Floor, Eastern Wing, 800 Anna Salai, Chennai – 600 002 <a href="mailto:sess@tnebnl.org">sess@tnebnl.org</a> ; <a href="mailto:2014sess@gmail.com">2014sess@gmail.com</a>	For kind information, please.
5. <b>Director (Trans. &amp; System Op.),</b> Kerala State Electricity Board Ltd. Vidyuthi Bhawanam, Pattom, P.B. No. 1028 Thiruvananthapuram – 695 004. <a href="mailto:dtkseb@kseb.in">dtkseb@kseb.in</a> ; <a href="mailto:pse@kseb.in">pse@kseb.in</a> ;	For kind information, please.

### Western Region

1. Installation of 765kV 1x80MVar 1-phase hot spare reactor at Raigarh (Kotra) S/s for 3x80MVar 765kV BR #2 on 765kV Bus Section A

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	765kV 1x80MVAR Single Phase hot spare reactor at Raigarh (Kotra) S/s for 3x80 MVAR 765kV BR #2 on 765kV Bus Section A.	765kV, 80MVAR, 1-ph Reactor (spare) – 1 No.	21 months from the date of issuance of OM by CTUIL i.e. 8-Feb-2027
<b>Total Estimated Cost:</b>			<b>₹ 12.33 Crore</b>

### Northern Region

2. **Augmentation of Transformation capacity at 400/220kV Jaipur South (PG) S/s in Rajasthan by 1x500MVA ,400/220kV ICT (3rd)**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Augmentation of transformation capacity at 400/220kV Jaipur South (PG) S/s by 1x500 MVA, 400/220kV ICT (3rd) along with associated bays	<ul style="list-style-type: none"> <li>500 MVA, 400/220 kV ICT- 1 no.</li> <li>400 kV ICT bay (in existing diameter) - 1 no.</li> <li>220 kV ICT bay- 1 no.</li> </ul>	21 months from the date of issuance of OM by CTUIL i.e. 8-Feb-2027
<b>Total Estimated Cost:</b>			<b>₹ 48.96 Crore</b>

3. **Augmentation of transformation capacity at 400/220kV Neemrana (PG) in Rajasthan by 1x500 MVA, 400/220kV ICT (3rd)**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Augmentation of transformation capacity at 400/220kV Neemrana (PG) by 1x500 MVA, 400/220kV ICT (3rd) along with associated bays	<ul style="list-style-type: none"> <li>500 MVA, 400/220 kV ICT- 1 no.</li> <li>400 kV ICT bay (in existing diameter) - 1 no.</li> <li>220 kV ICT bay- 1 no.</li> </ul>	21 months from the date of issuance of OM by CTUIL i.e. 8-Feb-2027
<b>Total Estimated Cost:</b>			<b>₹ 48.96 Crore</b>

4. **Augmentation of transformation capacity at 400/220kV Lucknow (PG) S/s in Uttar Pradesh**



Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Augmentation of transformation capacity at 400/220kV Lucknow (PG) S/s by 1x500 MVA, 400/220kV ICT (3rd) along with associated bays	<ul style="list-style-type: none"> <li>500 MVA, 400/220 kV ICT- 1 no.</li> <li>400 kV ICT bay (including associated tie bay) (Outdoor GIS) - 1 No.</li> <li>220 kV ICT bay (AIS) - 1 no.</li> <li>220kV Bus extension works for 2 nos. future bays - 1 Set</li> <li>400kV Bus extension with GIB Duct - 1100 m (approx.)</li> <li>Interconnection from 220kV Bay to 220kV ICT side through Duct (245kV GIB Duct) - 300 m (approx.)</li> <li>Associated 400kV &amp; 220kV interconnection works (420kV SF6/Air bushing for Bus extension through GIS Duct &amp; ICT interconnection and 245KV SF6/Air bushing for ICT interconnection)</li> </ul>	24 months from the date of issuance of OM by CTUIL i.e. 8-May-2027
<b>Total Estimated Cost:</b>			<b>₹ 87.10 Crore</b>

5. Implementation of 3 nos. of 220 kV line bays for interconnection of M/s Furies Solren Private Limited (300MW) [1 no. bay] & M/s SJVN Green Energy Limited (500MW) [2 no. bays] RE power projects at 765/400/220kV Bikaner-IV PS

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	3 nos. of 220 kV line bays at 765/400/220 kV Bikaner-IV PS (1 no. for M/s Furies Solren Private Limited (300MW) & 2 nos. for M/s SJVN Green Energy Limited (500MW)) for interconnection of its RE power projects	220 kV Line Bay- 3 nos.	11/11/2026 (refer note a)
<b>Total Estimated Cost:</b>			<b>₹ 18.54 Crore</b>

**Note:**

- a. Implementation Timeframe has been aligned with Rajasthan REZ Ph -IV (Part-3: 6 GW) [Bikaner complex]: Part A transmission scheme.

6. Implementation of 1 no. of 220 kV line bay at 765/400/220kV Barmer-I PS for interconnection of M/s Anboto Solar Private Limited (250MW+50MW) RE power projects

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	1 no. of 220 kV line bay for interconnection of M/s Anboto Solar Private Limited (250MW+50MW) RE power projects at 765/400/220kV Barmer-I PS	220 kV line bay - 1 no.	07/11/2026 (refer note a)
<b>Total Estimated Cost:</b>			<b>₹ 6.18 Crore</b>

**Note:**

- a. Implementation Timeframe has been aligned with Rajasthan REZ Ph-IV (Part-2 :5.5 GW) (Jaisalmer/Barmer complex): Part-F transmission scheme.

### Southern Region

7. Augmentation of Transformation capacity at 400/220kV Nagarjunasagar S/s in Andhra Pradesh by 1x500MVA ,400/220kV ICT (4th)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Augmentation of transformation capacity with 400/220kV, 1x500 MVA ICT (4 <sup>th</sup> ) at Nagarjunasagar 400/220kV substation	<ul style="list-style-type: none"> <li>• 500 MVA, 400/220 kV ICT – 1 No.</li> <li>• Shifting of existing 125 MVAR, 420 kV Bus Reactor from existing Bay No. 404 to new Bay No. 409 - 1 No.</li> <li>• Installation of 4th ICT in existing bay No. 404</li> <li>• 220kV ICT Bay at 220kV APTRANSCO switchyard – 1 no.</li> <li>• 400kV Reactor Bay No. 409 (in existing diameter) – 1 No.</li> <li>• Interconnection between POWERGRID 400/220 kV switchyard and APTRANSCO 220 kV switchyard</li> <li>• Extension of 220 kV Bus Bar of APTRANSCO for accommodation of 3 Nos. 220 kV Bays (1 No. for 4<sup>th</sup> ICT and provision for future 2 Nos. line bays) by shifting the Dead-end tower of 400 kV Nagarjunasagar-Kadapa D/c line by approximately 86 meters towards AP2-DD+0</li> <li>• Dismantling of existing dead-end tower of 400 kV Nagarjunasagar-Kadapa D/c Line and installation of new dead-end tower along with associated stringing &amp; civil works.</li> </ul>	24 months from the date of issuance of OM by CTUIL i.e. 8-May-2027
<b>Total Estimated Cost:</b>			<b>₹ 57.66 Crore</b>

**Note:**

- a. Existing 400kV bus reactor installed in Bay No. 404 shall be shifted to new bay no, 409 (to be constructed under the subject transmission scheme) and vacated bay no. 404 shall be used for termination of 400kV side of 500MVA, 400/220kV ICT (4<sup>th</sup>) at Nagarjunasagar PS.
- b. The dismantling / erection of transmission tower of 400 kV Nagarjunasagar - Kadapa D/c line shall be under the scope of transmission licensee.

8. Conversion of 80 MVAR fixed line reactor at Nellore end on Vijayawada – Nellore 400kV D/c line (Line-2) to switchable line reactor along with NGR and its bypassing scheme



Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Conversion of 80 MVAR fixed line reactor at Nellore end on Vijayawada – Nellore 400kV D/c line (Line-2) to switchable line reactor along with NGR and its bypassing scheme.	• Conversion of 80 MVAR fixed line reactor at Nellore end on Vijayawada – Nellore 400kV D/c line (Line-2) to switchable line reactor along with NGR and its bypassing scheme.	18 months from the date of issuance of OM by CTUIL i.e. 8-Nov-2026
Total Estimated Cost:			₹ 2.77 Crore

**9. Implementation of 2 nos. of 220kV line bays at Tumkur (Pavagada) PS for providing Connectivity to various RE generation projects**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	1 no. of 220kV line bay at Tumkur (Pavagada) PS for termination of dedicated transmission line of M/s Ayana Renewable Power Pvt. Ltd.	• 220kV line bay – 1 No.	18 months from the date of issuance of OM by CTUIL i.e. 8-Nov-2026
2.	1 no. of 220kV line bay at Tumkur (Pavagada) PS for termination of dedicated transmission line of M/s ACME Solar Holdings Ltd.	• 220kV line bay – 1 No.	31/12/2026
Total Estimated Cost:			₹ 12.54 Crore

**10. Augmentation of transformation capacity at 400/220kV Kozhikode S/s in Kerala by 500 MVA 400/220kV ICT (4th)**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Augmentation of transformation capacity at 400/220kV Kozhikode S/s by 1x500 MVA ICT (4 <sup>th</sup> )	<ul style="list-style-type: none"> <li>• 1x500 MVA, 400/220kV ICT</li> <li>• 400kV ICT bay (in existing diameter) – 1 No.</li> <li>• 220kV ICT bay – 1 No.</li> <li>• Diversion of 110kV D/c line</li> </ul>	21 months from the date of issuance of OM by CTUIL i.e. 8-Feb-2027
Total Estimated Cost:			₹ 53.13 Crore

**11. Augmentation of transformation capacity at 400/220kV Trivandrum S/s in Kerala by 500 MVA 400/220kV ICT (4th)**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Augmentation of transformation capacity at 400/220kV Trivandrum S/s by 1x500 MVA ICT (4 <sup>th</sup> )	<ul style="list-style-type: none"> <li>• 1x500 MVA, 400/220kV ICT</li> <li>• 400kV ICT bay (including associated Tie Bay) – 1 No.</li> <li>• 220kV ICT bay – 1 No.</li> </ul>	21 months from the date of issuance of OM by CTUIL i.e. 8-Feb-2027
Total Estimated Cost:			₹ 53.42 Crore

**12. Augmentation / replacement of existing 400/230kV, 315 MVA ICT-2 with 400/230kV, 500 MVA ICT at Udumalpet 400/230kV S/s**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Augmentation / replacement of existing 400/230kV, 315 MVA ICT-2 with 400/230kV, 500 MVA ICT at Udumalpet 400/230kV S/s	• 500 MVA, 400/230kV ICT – 1No.	21 months from the date of issuance of OM by CTUIL i.e. 8-Feb-2027
Total Estimated Cost:			₹ 37.7 Crore

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एच.के. पांडे / H.K. Pandey  
मुख्य महाप्रबन्धक / Chief General Manager  
परियोजना प्रभारी / Project In-charge  
राजस्थान वीज एन एल सी लिमिटेड  
POWERGRID Bikaner TV Transmission Limited



# ANNEXURE V

## FORM I

### 1. Particulars of the Applicant

Sl. No.	Particulars	Particulars
i	Name of the Applicant	POWERGRID Bikaner IV Transmission Limited
ii	Status	Public Limited Company
iii	Address	B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110016
iv	Name, Designation & Address of the contact person	Shri Manoj Kumar Pandey Project In-charge, POWERGRID Bikaner IV Transmission Limited (100% wholly owned subsidiary of Power Grid Corporation of India Limited) C/o ED (TBCB) Power Grid Corporation of India Limited, Saudamini, Plot no.2, Sector-29, Gurgaon- 122001
v	Contact Tele. No.	9873549082
vi	Fax No.	
vii	Email ID	manoj@powergrid.in
viii	Place of Incorporation / Registration	New Delhi, India
ix	Year of Incorporation / Registration	2024
x	Details of Fees Remitted	1,00,000
Signature of the Authorized Signatory with Date		<b>MANOJ KUMAR PANDEY</b> <small>Digitally signed by MANOJ KUMAR PANDEY Date: 2025.06.23 18:32:36 +05'30'</small>

### 2. Particulars of the Project for which licence / Amendment in licence (list of existing elements and proposed addition /deletion element in case) is being sought:

Details of the Project proposed to be implemented under the **Regulated Tariff Mechanism (RTM) mode** are as follows: -

**Scheme- I: As per the CTUIL/OM/25/29<sup>th</sup> NCT dated 05.05.2025**

**Project: Augmentation of ICTS alongwith Sectionalizer bay, at Bikaner IV PS**

POWER GRID CORPORATION OF INDIA LIMITED  
New Delhi  
Signature of Project In-charge  
23/06/2025  
Project In-charge: Manoj Kumar Pandey

एच.के. पांडे/M.K. Pandey  
मुख्य महाप्रबन्धक/Chief General Manager  
परियोजना प्रभारी/Project In-charge  
पावरग्रिड बीकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited

Sl. No.	Name (location)	Voltage Level(s) (kV)	Transformer (Nos. and MVA capacity)	Reactive / capacitive compensation (device with MVAR capacity)	No. of Bays
1	Bikaner IV PS	400/220 kV	2x500MVA (7 <sup>th</sup> & 8 <sup>th</sup> )	-	400/220kV ICT associated bays i) 400 kV : 2 nos. ii) 220 kV : 2 nos. 3 nos. 220 kV bays as follows:- i) 220 kV Sectionalizer Bay 1 set ii) 220 kV BC (1 no. bay) iii) 220 kV TBC (1 no. bay)

**Scheme- II: As per the C/CTU/AI/00/23<sup>rd</sup> CCTP dated 08.05.2025**

**Project: - Implementation of 220 kV Line Bays for interconnection of RE Power project at 765/400/220 kV**

Sl. No.	Name (location)	Voltage Level(s) (kV)	Transformer (Nos. and MVA capacity)	Reactive / capacitive compensation (device with MVAR capacity)	No. of Bays
1	Bikaner IV PS	765/400/220 kV	-	-	220 kV bays: 3 nos. i) 1 no. bays for interconnection of M/s Furies Solren private Limited 300 (MW) ii) 2 nos. Bays for interconnection of M/s SJVN Green Energy Limited (500 MW)

एच के पांडे/H.K. Pandey  
मुख्य प्रशासक/Chief General Manager  
परियोजना प्रभारी/Project In-charge  
राजस्थान बीकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited



**3. Estimated completion cost –**

- i) Scheme-I: Rs.122.88 Crores
- ii) Scheme-II: Rs.18.54 Crores

a) Remarks: Application is being filed for element to be added

b) Scheduled COD.

- i) Scheme-I: 05.02.2027
- ii) Scheme-II: 11.11.2026

c) Agreements with Identified Long-term transmission customers or CTU for the Project, as applicable: NA

**d) List of Respondents**

1. Jodhpur Vidyut Vitran Nigam Ltd
2. Ajmer Vidyut Vitran Nigam Ltd
3. Jaipur Vidyut Vitran Nigam Ltd.
4. M/s Furies Solren Private Limited
5. M/s SJVN Green Energy private Limited
6. Uttar Pradesh Power Corporation Ltd. Shakti
7. Himachal Pradesh State Electricity Board Ltd.
8. Punjab State Power Corporation Limited
9. Haryana Power Purchase Centre, Shakti Bhawan
10. Jammu Kashmir Power Corporation Limited
11. BSES Yamuna Power Ltd. (BYPL) B-Block,
12. BSES Rajdhani Power Ltd. (BRPL)
13. Tata Power Delhi Distribution Ltd. (TPDDL)
14. Electricity Department, UT of Chandigarh
15. Uttarakhand Power Corporation Ltd. Urja
16. New Delhi Municipal Corporation
17. North Central Railway Allahabad (Uttar Pradesh)
18. Central Transmission Utility India Limited (CTUIL)
19. Central Electricity Authority

e) Any other relevant information: Nil

4. Levelized transmission charges: To be determined u/s 61, 62 of Electricity Act, 2003.

5. a) Recommendation of selection

by the 29<sup>th</sup> Meeting National Committee on Transmission: Scheme I

Copies of CTUIL  
OM are attached

एच डी पांडे/H.K. Pandey  
मुख्य महासंचालक / Chief General Manager  
परियोजना प्रभारी / Project In-charge  
पवरग्रिड योजना IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited

b) CTU approved the ISTS scheme in line with MOP office order dated 28.10.2021: - Scheme II

c) Evaluation report made public  
by the Bid Process Coordinator



Not Applicable

6. List of documents enclosed:

a) Certificate of Registration: Enclosure-1

b) Copy of Power of Attorney: Enclosure-2

MANOJ  
KUMAR  
PANDEY

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MANOJ KUMAR PANDEY  
Date: 2025.06.23 18:33:18  
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Signature of the Petitioner

Date:

Place:

एम के पंडे / M.K. Pandey  
मुख्य प्रबंधक/Chief General Manager  
परिचालन इकाई / Project in-charge  
पावरग्रिड कंपनी IV ट्रांसमिशन लिमिटेड  
POWERGRID 5th floor IV Transmission Limited





GOVERNMENT OF INDIA  
MINISTRY OF CORPORATE AFFAIRS

Central Registration Centre

Certificate of Incorporation

(Pursuant to sub-section (2) of section 7 and sub-section (1) of section 8 of the Companies Act, 2013 (18 of 2013) and rule 18 of the Companies (Incorporation) Rules, 2014)

I hereby certify that BIKANER A POWER TRANSMISSION LIMITED is incorporated on this FOURTEENTH day of MAY TWO THOUSAND TWENTY FOUR under the Companies Act, 2013 (18 of 2013) and that the company is Company limited by shares

The Corporate Identity Number of the company is U42202DL2024GOI431226

The Permanent Account Number (PAN) of the company is AAMCB5917C\*

The Tax Deduction and Collection Account Number (TAN) of the company is DELB28639C\*

Given under my hand at Manesar this FOURTEENTH day of MAY TWO THOUSAND TWENTY FOUR

Signature Not Verified

Digitally signed by  
DS MINISTRY OF CORPORATE  
AFFAIRS, CRC MANESAR 1  
Date: 2024.05.15 12:16:29 IST

afsar Ali

Assistant Registrar of Companies/ Deputy Registrar of Companies/ Registrar of Companies

For and on behalf of the Jurisdictional Registrar of Companies

Registrar of Companies

Central Registration Centre

Disclaimer: This certificate only evidences incorporation of the company on the basis of documents and declarations of the applicant(s). This certificate is neither a license nor permission to conduct business or solicit deposits or funds from public. Permission of sector regulator is necessary wherever required. Registration status and other details of the company can be verified on mca.gov.in

Mailing Address as per record available in Registrar of Companies office:

BIKANER A POWER TRANSMISSION LIMITED

CORE-4, SCOPE COMPLEX, 7, LODHI ROAD, Lodi Road, New Delhi, South Delhi- 110003, Delhi

\*as issued by income tax Department

MANOJ KUMAR PANDEY  
Digitally signed by MANOJ KUMAR PANDEY  
Date: 2025.06.23 18:34:22 +05'30'

ए.के. पांडे/A.K. Pandey  
मुख्य महाप्रबन्धक/Chief General Manager  
परिचालन प्रणाली/Project to change  
पावरग्रिड बीकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited

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सत्यमेव जयते

INDIA NON JUDICIAL

# Government of National Capital Territory of Delhi

₹ 100

e-Stamp

Certificate No.	: IN-DL37497677536188X
Certificate Issued Date	: 18-Feb-2025 03:28 PM
Account Reference	: IMPACC (IV) d732103/ DELHI/ DL-DLH
Unique Doc. Reference	: SUBIN-DL73210318047900946457X
Purchased by	: BIKANER A POWER TRANSMISSION LIMITED
Description of Document	: Article 48(c) Power of attorney - GPA
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: BIKANER A POWER TRANSMISSION LIMITED
Second Party	: Not Applicable
Stamp Duty Paid By	: BIKANER A POWER TRANSMISSION LIMITED
Stamp Duty Amount(Rs.)	: 100 (One Hundred only)

सत्यमेव जयते

100



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## General Power of Attorney

Know all men by these presents, we **Bikaner A Power Transmission Limited** (hereinafter referred to as BAPTL which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, and assigns) having its Registered Office at B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110016 do hereby constitute, appoint and authorize **Shri M. K. Pandey**, Project In-charge of BAPTL residing at Flat no. 1 A, Shanti Villa, Rangmanch Road, Shardul Colony, Bikaner 334001, as our true and lawful attorney, to do in our name and our behalf, all of the acts or things hereinafter mentioned, that is to say :-

### Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at [www.stampstamp.com/](http://www.stampstamp.com/) or using e-Stamp Mobile App. Any discrepancy in the details on the Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

एच.के. पांडे/M.K. Pandey  
मुख्य महाप्रबन्धक/Chief General Manager  
परियोजना प्रबन्धी/Project In-charge  
शान्ति विला, रंगमंच रोड, शर्दुल कॉलोनी, बिकानेर 334001  
Bikaner A Power Transmission Limited



1. To constitute, and defend legal cases, sign and verify plaints, written statements, petitions and objections, memorandum of appeal, claims, affidavits, applications, re-applications and pleadings of all kinds and to file them in Central Electricity Regulatory Commission (CERC), State Electricity Regulatory Commissions (SERCs), Appellate Tribunal for Electricity (ATE), Civil, Criminal or Revenue courts, Arbitration, Labour Court, Industrial Tribunal, High Court and Supreme Court, whether having original or appellate jurisdiction and before Government or Local Authorities or Registration Authorities, Tax Authorities, Tribunals, etc.
2. To appear, before various Courts / Tribunals / CERC / SERCs / Appellate Tribunal for Electricity.
3. To appoint any Advocate, Vakil, Pleader, Solicitor or any other legal practitioner as Attorney to appear and conduct case proceedings on behalf of the company and to sign Vakalatnama.
4. To compromise, compound or withdraw cases from any Court / Tribunal / CERC / SERCs / Appellate Tribunal for Electricity.
5. To file petitions/applications or affidavits before the Supreme Court / High Court / CERC / SERCs / Appellate Tribunal for Electricity and to obtain the copies of documents, papers, records etc.
6. To file and receive back documents, to deposit and withdraw money from Courts, Tribunal, Registrar's Office and other Government or Local Authorities and to issue valid receipts thereof.
7. To apply for and obtain refund of stamp duty or court fee, etc.
8. To issue notices and accept service of any summons, notices or orders issued by any Court / Tribunal / CERC / SERCs / Appellate Tribunal for Electricity on behalf of the Company.
9. To execute deeds, agreements, bonds and other documents and returns in connection with the affairs of the company and file them or cause to be filed for Registration, whenever necessary.
10. To issue Project Authority Certificate(s) in respect of contracts for Load Despatch & Communication Systems, Transmission Systems etc. and to lodge claims with the Railways, Transporters, Shipping Agents and Clearing Agents and to settle/compromise such claims.
11. To lodge claims with the Insurance companies, to settle/compromise such claims and on satisfactory settlement thereof, to issue letters of subrogation/power of attorney in favour of Insurance companies.
12. To execute, sign and file applications, undertakings, agreements etc. to or with the Central / State Government(s) / Body(ies) to obtain 'right of way' or any of other Right(s) / Privilege(s) etc.
13. To execute, sign and file applications, undertakings, agreements, bills, documents etc. to or with the Central / State Government(s) / Body(ies) and other authorities / entities including Central Transmission Utility (CTU)/ Grid Controller of India Limited (GRID-INDIA)/ Central Electricity Authority (CEA)/ CERC with respect to commissioning of the Project, realization of Transmission charges, to obtain 'right of way' or any of other Right(s) / Privilege(s) etc.



*[Signature]*

एम. के. पांडे/M.K. Pandey  
मुख्य महाप्रबन्धक/Chief General Manager  
परियोजना प्रभारी/Project In-charge  
पावरग्रिड बीकानेर IV ट्रांसमिशन लिमिटेड  
POWERGRID Bikaner IV Transmission Limited

14. To execute Transmission Service Agreement (TSA) with Central Transmission Utility of India Limited (CTUIL).
15. To execute Consultancy, Funding and other Agreements.
16. To act as administrator for e-filing process with CERC and other Statutory authorities.
17. Generally to do all lawful acts, necessary for the above mentioned purposes.

The Company hereby agrees to ratify and confirm all and whatsoever the said Attorney shall lawfully do execute or perform or cause to be done, executed or performed in exercise of the power or authority conferred under and by virtue of this Power of Attorney.

Signed by the within named  
**Bikaner A Power Transmission Limited**  
 through the hand of **Shri Vamsi Ramamohan Burra, Chairman**  
 Duly authorized by the Board to issue such Power of Attorney

Dated this 17<sup>th</sup> day of March 2025

Accepted

Signature of Attorney

Name: Shri M. K. Pandey

Designation: Project In-Charge, Bikaner A Power Transmission Limited

Address: Flat no. 1 A, Shanti Villa, Rangmarch Road, Shardul Colony, Bikaner  
 334001

Attested

(Signature of the Executant)

Name: Shri Vamsi Ramamohan Burra

Designation: Chairman

Address: B-9, Quab Institutional Area, Katwaria Sarai, New Delhi - 110 016.

Signature and Stamp of Notary of the place of execution



**MANOJ KUMAR PANDEY**  
 Digitally signed by MANOJ KUMAR PANDEY  
 Date: 2025.06.23 18:35:11 +05'30'

ATTESTED

**MANJU RANI**  
 Advocate

Dist. Court, Gurgaon

**Satyaprakash Dash**  
 (As Secy Powergrid)

**Sudhanshu D.**  
 Director

**M. Thiruprakash Reddy**  
 (Director)

श्री एम. के. पांडे, श्री एम. के. पांडे  
 मुख्य महाप्रबंधक/Chief General Manager  
 परियोजना प्रभारी/Project In-charge  
 पावरग्रिड बिकानेर IV ट्रांसमिशन लिमिटेड  
**POWERGRID Bikaner IV Transmission Limited**