

**BEFORE
THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

APPLICATION No :.....

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 Neemrana Transmission Limited.

POWERGRID Bikaner Neemrana Transmission Limited

.....**PETITIONER**

AND

Uttar Pradesh Power Corporation Ltd.

And others

.....**RESPONDENT(S)**

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**Applicant
POWERGRID Bikaner Neemrana Transmission Limited**

(Signature)

Place: *Cirougaram*

Date: *25/10/2024*

**Represented by
Project Incharge,
POWERGRID Bikaner Neemrana Transmission Limited**



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THE CENTRAL ELECTRICITY REGULATORY COMMISSION
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POWERGRID Bikaner Neemrana 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

.....**PETITIONER**

AND

Uttar Pradesh Power Corporation Ltd.

Shakti Bhawan, 14, Ashok Marg, Lucknow-226001 (Uttar Pradesh).

And others

.....**RESPONDENT(S)**

To
The Secretary
Central Electricity Regulatory Commission
New Delhi

Sir,

The Petition filed 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 Neemrana Transmission Limited may please be registered.

**Applicant
POWERGRID Bikaner Neemrana Transmission Limited**

Place: *Gurgaon*

Date: *25/10/2024*

[Signature]
**Represented by
Project Incharge,
POWERGRID Bikaner Neemrana Transmission Limited**



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.....PETITIONER

AND

Uttar Pradesh Power Corporation Ltd.
Shakti Bhawan, 14, Ashok Marg, Lucknow-226001 (Uttar Pradesh).
And others

.....RESPONDENT(S)

MEMO OF PARTIES

POWERGRID Bikaner Neemrana 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

VERSUS

1.	Uttar Pradesh Power Corporation Ltd. Shakti Bhawan, 14, Ashok Marg, Lucknow-226001 (Uttar Pradesh). Represented by its Chairman	....Respondent
2.	Ajmer Vidyut Vitran Nigam Ltd. Corporate office, Vidyut Bhawan, Panchsheel Nagar, Makarwali road Ajmer-305004 (Rajasthan) Represented by its Managing Director.	....Respondent



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
4.	Jodhpur Vidyut Vitran Nigam Ltd. New Power House, Industrial Area , Jodhpur – 342 003 (Rajasthan) Represented by its Managing Director.	....Respondent
5.	Himachal Pradesh State Electricity Board Ltd, Vidyut Bhawan, Kumar House Complex Building II, Shimla-171004 (Himachal Pradesh). Represented by its Chairman	....Respondent
6.	Punjab State Power Corporation Limited the Mall, PSEB head office, Patiala - 147 001 Represented by its Chairman and Managing Director	....Respondent
7.	Haryana Power Purchase Centre, Shakti Bhawan, Sector-6, Panchkula-134109 (Haryana). Represented by its S.E. / C & R-1	....Respondent
8.	Jammu Kashmir Power Corporation Limited 220/66/33 kV Gladni SS SLDC buliding Narwal, Jammu Represented by its Chairman	....Respondent
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
10	BSES Rajdhani Power Ltd. (BRPL) BSES Bhawan, Nehru Place, New Delhi- 110019. Represented by its CEO	....Respondent
11	Tata Power Delhi Distribution Ltd. (TPDDL) NDPL House, Hudson Lines, Kingsway Camp, Delhi-110009. Represented by its CEO	....Respondent
12	Chandigarh Administration Sector -9, Chandigarh. Represented by its Chief Engineer	....Respondent
13	Uttarakhand Power Corporation Ltd. Urja Bhawan, Kanwali Road, Dehradun (Uttarakhand).	....Respondent



	Represented by its Managing Director.	
14	New Delhi Municipal Council, Palika Kendra, Sansad Marg, New Delhi-110002. Represented by Chairman	....Respondent
15	North Central Railway Allahabad (Uttar Pradesh) Represented by Chief Electrical Distribution Engineer	....Respondent
16	Chief Operating Officer, Central Transmission Utility India Limited (CTUIL) Saudamini, Plot no.2, Sector -29, Gurgaon 122001.	....Respondent
17.	Chief Engineer, Power System Project Monitoring Division Central Electricity Authority, Sewa Bhawan, R. K. Puram, Sector-1, New Delhi - 110 066.	....Respondent



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

Application No.....

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 Neemrana Transmission Limited.

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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

.....PETITIONER

AND

Uttar Pradesh Power Corporation Ltd.

Shakti Bhawan, 14, Ashok Marg, Lucknow-226001 (Uttar Pradesh).

And others

.....RESPONDENT(S)

Application

The Petitioner respectfully submits as under:

1. The Petitioner, **POWERGRID Bikaner Neemrana Transmission Limited** ("hereinafter referred to as 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 system for evacuation of power from Rajasthan REZ Ph-IV (Part-1) (Bikaner Complex): PART-A" on build, own, operate and transfer basis (hereinafter referred to as "TBCB Project") consisting of the following elements:

S. No.	Name of the Transmission Element
1	Establishment of 6x1500 MVA (along with one spare unit of 500 MVA), 765/400 kV & 5x500 MVA 400/220 kV Bikaner-III Pooling Station along with 2x330 MVar (765 kV) Bus Reactor (along with one spare unit of 110 MVar) & 2x125 MVar (420 kV) Bus Reactor at a suitable location



	<p>near Bikaner.</p> <ul style="list-style-type: none"> • 765/400 kV 1500 MVA ICTs: 6 nos. (19x500 MVA including one spare unit) • 765 kV ICT bays – 6 nos. • 765 kV line bays- 2 nos. • 330 MVA Bus Reactor-2 nos. (7x110 MVA, including one spare unit) • 765kV reactor bays- 2 nos. • 400/220 kV, 500 MVA ICTs – 5 nos. • 400 kV ICT bays – 11 nos. • 420 kV reactor bays - 2 nos. • 125 MVA, 420 kV bus reactor - 2 nos. • 400 kV line bays - 6 nos. (4 nos. for LILO of Bikaner-Bikaner-II D/c line & 2 nos. for Bikaner-II D/c line) • 220 kV ICT bays - 5 nos. • 220 kV line bays – 5 nos. (for RE connectivity) • 220 kV BC (2 nos.) and 220 kV TBC (2 nos.) • 220kV Sectionalisation bay: 1 set <p>Future provisions: Space for</p> <ul style="list-style-type: none"> • 765 kV line bays along with switchable line reactors – 6 nos. • 765kV Bus Reactor along with bay: 1 no. • 400 kV line bays along with switchable line reactor –4 nos. • 400 kV line bays–4 nos. • 400/220kV ICT along with bays -5 nos. • 400 kV Bus Reactor along with bay: 1 no. • 400kV Sectionalization bay: 2 sets • 220 kV line bays for connectivity of RE Applications -8 nos. • 220kV Sectionalization bay: 2 sets • 220 kV BC (2 no.) and 220 kV TBC (2 no.) • STATCOM (2x±300MVA) along with MSC (4x125 MVA) & MSR (2x125 MVA)
2	LILO of both ckts of 400 kV Bikaner (PG)- Bikaner-II D/c line (Quad) at Bikaner-III PS
3	Bikaner-II PS – Bikaner-III PS 400 kV D/c line (Quad)
4	2 no. of 400 kV line bays at Bikaner-II. • 400 kV line bays - 2 nos
5	Bikaner-III - Neemrana-II 765 kV D/c line along with 330 MVA switchable line reactor for each circuit at each end • 765 kV, 330 MVA switchable line reactors at Bikaner-III PS – 2 nos. • 765 kV, 330 MVA Switchable line reactors at Neemrana-II S/s – 2 nos. • Switching equipment for 765kV 330 MVA switchable line reactors at Bikaner-III PS – 2 nos. • Switching equipment for 765kV 330 MVA switchable line reactors at Neemrana-II S/s – 2 nos.
6	2 no. of 765 kV line bays at Neemrana-II S/s



- 765kV line bays at Neemrana-II S/s- 2 nos.

Note:

1. POWERGRID to provide space for 2 nos. of 400 kV line bays at Bikaner-II PS.
2. Developer of Neemrana-II S/s shall provide space for 2 nos. of 765 kV line bays at Neemrana-II S/s for termination of Bikaner-III - Neemrana-II 765 kV D/c line.
3. Provision of suitable sectionalization shall be kept at Bikaner-III PS, at 400kV & 220kV level to limit short circuit level.

3. This Hon'ble Commission vide order dated 13.04.2024 passed in Petition No. 47/TL/2024 has granted transmission license (TBCB License) to the Petitioner for aforesaid TBCB Project.

Copy of the order dated 13.04.2024 passed in Petition No. 47/TL/2024 is attached as **Annexure-1**.

4. Subsequently, Petitioner has been assigned the following Transmission schemes by CTUIL;

- a. "Implementation of 02 nos. of 220 kV line bays at 765/400/220 kV Bikaner-III PS for interconnection of 500 MW REGS of M/s NTPC Renewable Energy Ltd." assigned by CTUIL vide OM dated 13.09.2024.

The detailed scope is as follows;

S.No	Scope of the Transmission Scheme	Capacity/km	Implementation on timeframe
1.	02 nos. 220 kV line bays at 765/400/220 kV Bikaner-III PS for interconnection of 500 MW REGS of M/s NTPC Renewable Energy Ltd. (NTPC-REL)	220 kV line bay – 2 nos.	31.12.2025
Total Estimated Cost:			Rs 11.14 Crs

- b. "Implementation of 01 nos. of 220 kV line bay for interconnection of 300 MW REGS of M/s Deshraj Solar Energy Pvt. Ltd. (DSEPL) and 3 nos 400 kV line bays for interconnection of 1400 MW RPPD of M/s Sunbreeze Renewables Nine Pvt. Ltd. (SR9PL) (02 nos bays) & 1000 MW RPPD of M/s MRS Buildvision Pvt. Ltd. (MBPL) (01 no. Bay) at 765/400/220 kV Bikaner-III PS" assigned by CTUIL vide OM dated 23.10.2024. The detailed scope is as follows;



S.No	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	1 no. 220kV line bays at 765/400/220kV Bikaner-III PS for interconnection of 300MW REGS of M/s Deshraj Solar Energy Pvt. Ltd. (DSEPL)	220 kV line bay – 1 nos.	31.03.2026
2	3 nos. of 400 kV line bays at 765/400/220 kV Bikaner-III PS for interconnection of 1400MW RPPD of M/s Sunbreeze Renewables Nine Pvt. Ltd. (SR9PL) (2 nos. bays) & 1000MW RPPD of M/s MRS Buildvision Pvt. Ltd. (MBPL) (1 no. bay)	400 kV line bay (including associated tie bay) – 3 nos.	22.08.2026
Total Estimated Cost:			Rs 50.09 Crs

Copy of the CTUIL OM dated 13.09.2024 and CTUIL OM dated 23.10.2024 is attached as **Annexure -2**.

5. That Section 15(1) of the Electricity Act, 2003 provides that every application under section 14 shall be made in such manner and in such form as may be specified by the Appropriate Commission and shall be accompanied by such fees as may be prescribed. Hon'ble Commission has notified Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission License and other related matters) Regulations, 2024 (Transmission License Regulations, 2024) vide notification dated 23.05.2024.
6. 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.

7. That, considering the above, instant Petition is being filed for grant of separate RTM Transmission License to POWERGRID Bikaner Neemrana Transmission Limited to implement the transmission projects **“Implementation of 02 nos. of 220 kV line bays at 765/400/220 kV Bikaner-III PS for interconnection of 500 MW REGS of M/s NTPC Renewable Energy Ltd.”** and **“Implementation of 01 nos. of 220 kV line bay for interconnection of 300 MW REGS of M/s Deshraj Solar Energy Pvt. Ltd. (DSEPL) and 3 nos 400 kV line bays for interconnection of 1400 MW RPPD of M/s Sunbreeze Renewables Nine Pvt. Ltd. (SR9PL) (02 nos bays) & 1000 MW RPPD of M/s MRS Buildvision Pvt. Ltd. (MBPL) (01 no. Bay) at 765/400/220 kV Bikaner-III PS”** as detailed at para 4 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.
8. The Petitioner humbly submits that this Hon’ble Commission may be pleased to grant the separate RTM Transmission License to Petitioner to include scope of works under RTM as detailed at para 4 hereinabove.
9. It is submitted that upon grant of the separate RTM Transmission License, the Petitioner shall implement the aforementioned scheme under RTM mode. On completion of the Project, the Petitioner shall approach the Hon’ble Commission with the actual cost incurred for determination of transmission charges in accordance with Section 61, 62 of the Electricity Act, 2003 and Tariff Regulations in vogue as per 10 (2) of the Transmission License Regulations, 2024.
10. It is respectfully submitted that in terms of Transmission License Regulations, Petitioner has fulfilled the following:
 - a) The Applicant shall map CTUIL on the e-portal of this Hon’ble Commission at the earliest as per the procedure in vogue and completion of relevant formalities. The Applicant is also sending a copy of the present Petition to



CTUIL via e-mail in accordance with the requirement under section 15 (3) of the Electricity Act, 2003 and Regulation 5 (3) of Transmission License Regulations, 2024 for its recommendation under section 15 (4) of the Electricity Act, 2003 and Regulation 5 (9) of Transmission License Regulations, 2024.

- b) That a copy of the Application has also been marked to Designated ISTS Customers (DICs) and beneficiaries of the Northern Region as party to the Petition. If this Hon'ble Commission deems necessary to implead any other party, then Petitioner shall implead such party as directed by this Hon'ble Commission.
- c) Duly filled in Form -I for grant of transmission License in accordance with the Transmission License Regulations is enclosed herewith and marked as **Annexure-3**.
- d) The application along with Form-I is being hosted on the website and is accessible on 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 element of the project is 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.

11. 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 4 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 project "Implementation of 02 nos. of 220 kV line bays at 765/400/220 kV Bikaner-III PS for interconnection of 500 MW REGS of M/s NTPC Renewable Energy Ltd." and "Implementation of 01 nos. of 220 kV line bays for interconnection of 300 MW REGS of M/s Deshraj Solar Energy Pvt. Ltd. (DSEPL) and 3 nos 400 kV line bays for interconnection of 1400 MW RPPD of M/s Sunbreeze Renewables Nine Pvt. Ltd. (SR9PL) (02 nos) & 1000 MW RPPD of M/s MRS Buildvision Pvt. Ltd. (MBPL) (01 no. Bay) at 765/400/220 kV Bikaner-III PS" as detailed at para 4 hereinabove.; and
- 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 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 order / orders, as may be deemed fit and proper in the facts & circumstances of the case.

Place: *Gyandigram*

Date: *25/10/2024*

Applicant
POWERGRID Bikaner Neemrana Transmission Limited
Represented by

[Signature]

Project Incharge,
POWERGRID Bikaner Neemrana Transmission Limited



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

APPLICATION No :.....

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 Neemrana Transmission Limited.

POWERGRID Bikaner Neemrana Transmission Limited

.....**PETITIONER**

AND

Uttar Pradesh Power Corporation Ltd.

And others

.....**RESPONDENT(S)**

AFFIDAVIT

I, K. K. Choudhary, son of Shri R K Choudhary working as working as Project-in-charge, POWERGRID Bikaner Neemrana Transmission Limited, having its registered Office at B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110016, do hereby solemnly affirm and state as follows:-:

1. I am the Authorised Signatory of the Applicant Company in the above matter and I am duly authorized by the Applicant Company to affirm this affidavit. I say that I am conversant with the facts and circumstances of this case.
2. The statements made in paragraphs of the application, are true to 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 Applicant 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.

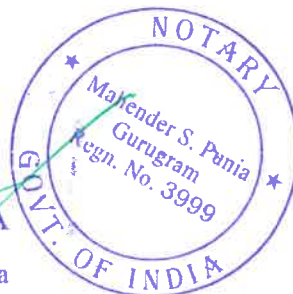

Deponent

VERIFICATION:

I, the Deponent above named hereby solemnly hereby affirm that the contents of the above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed therefrom. Verified by me on this the day of October 2024 at Gurgaon.


Deponent

ATTESTED
MAHENDER S. PUNIA
ADVOCATE & NOTARY
Distt. Gurugram (Haryana) India



**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Petition No. 47/TL/2024

Coram:

**Shri Jishnu Barua, Chairperson
Shri Arun Goyal, Member**

Date of Order: 13th April, 2024

In the matter of

Application under Sections 14 & 15 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for the grant of Transmission License and other related matters) Regulations, 2009 with respect to Transmission Licence to Bikaner III Neemrana Transmission Limited.

And

In the matter of

Bikaner III Neemrana Transmission Limited,
(Now known as "POWERGRID Bikaner Neemrana Transmission Limited")
B-9, Qutab Institutional Area, Katwaria Sarai,
New Delhi 110 016

Address for correspondence:

ED (TBCB), Power Grid Corporation of India Limited,
Saudamini, Plot No.2, Sector -29,
Gurgaon-22001, Haryana

....Petitioner

Vs

- 1. Central Transmission Utility of India Limited,**
Saudamini, Plot no.2, Sector -29,
Gurgaon-122001, Haryana
- 2. PFC Consulting Limited,**
9th Floor, A-Wing, Statesman House Connaught Place,
New Delhi- 110001
- 3. ACME Cleantech Solutions Private Limited,**
Plot No 152, Sector 44,
Gurugram-122002
- 4. Avada RJ Bikaner Private Limited,**
C-11, Sector-65, Gautam Buddha Nagar- Noida
- 5. MRS Buildvision Private Limited,**



306A, D-2, Sourthen Park,
Saket District Centre,
Saket, New Delhi-110017

6. Saimma Solar Private Limited,
5th Floor, North Tower, M3M Tee point,
Sector-65, Golf Course Extension Road,
Gurugram, Haryana-122018

7. Sunbreeze Renewables Nine Private Limited,
Office Ni 520, Urbtech Building Park,
Sector -153, Noida,
Gautam Buddha Nagar, UP-201301

8. Sunrise solar RJ one private Limited,
1101A-1107, 11th floor, BPTP park centra,
Jal Vayu Vihar, Sector-30, Gurugram-122001

9. TP Saurya Limited,
C/o The Tata power company limited,
corporate centre, 34 sant takaram road
carnac bunder
Mumbai-400009

10. Central Electricity Authority,
Sewa Bhawan,
R.K.Puram, New Delhi-110 066

11. Northern Regional Power Committee,
18A, Shaheed Jeet Singh Sansanwal Marg,
Katwaria Sarai, New Delhi-110 016

12. Delhi Transco Limited,
Shakti Sadan, Kotla Road,
New Delhi-110 002

13. Grid Controller of India Limited,
(erstwhile Power System Operation Corporation Limited)
9th Floor, IFCI Towers,
61, Nehru Place, New Delhi-110 016

14. HPPTCL,
Himfed Bhawan, Panjari,
Shimla-171005, HP

15. UP Power Transmission Company Limited,
Shakti Bhawan Extn, 3rd floor,
14, Ashok Marg, Lucknow-226001, U.P.

16. Punjab State Transmission Corporation Limited,

Order in Petition No. 47/TL/2024



The Mall, Patiala-147001, Punjab

17. Power Transmission Corporation of Uttarakhand Limited,
Vidyut Bhawan, Near ISBT Crossing,
Saharanpur Road, Majra, Dehradun.

18. Development Commissioner (Power) Power,
Development Department Grid sub-station,
Complex, Janipur, Jammu

19. Rajasthan Raja Vidyut Prasaran Nigam Limited,
Vidyut Bhawan, Jaipur-302005, Rajasthan

20. Haryana Vidyut Prasaran Nigam Limited,
Shakti Bhawan, Sector-6,
Panchkula-134109, Haryana

21. Administration of Chandigarh Electricity Department,
UT Secretariat Sector-9 D,
Chandigarh-161009

....Respondents

Parties present:

Shri Rohit Jain, PBNTL
Shri Shankalp Sharma, PBNTL
Ms. Priyadarshini, Advocate, PFCCCL
Shri Anubhav Kansal, PFCCCL
Shri Yatin Sharma, CTUIL
Shri Siddharth Sharma, CTUIL
Shri Akshayvat Kislay, CTUIL

ORDER

The Petitioner, Bikaner III Neemrana Transmission Limited (Now known as POWERGRID Bikaner Neemrana Transmission Limited) 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, 2009 (hereinafter referred to as "Transmission Licence Regulations") to establish the "Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-1) (Bikaner

Order in Petition No. 47/TL/2024



Complex): PART-A” on a Build, Own, Operate and Transfer (BOOT) basis (hereinafter referred to as “the Project”) consisting of the following elements:

S. No.	Name of the Transmission Element	Scheduled COD
1	<p>Establishment of 6x1500 MVA (along with one spare unit of 500 MVA), 765/400 kV & 5x500 MVA 400/220 kV Bikaner-III Pooling Station along with 2x330 MVAR (765 kV) Bus Reactor (along with one spare unit of 110 MVAR) & 2x125 MVAR (420 kV) Bus Reactor at a suitable location near Bikaner.</p> <p>765/400 kV 1500 MVA ICTs: 6 nos. (19x500 MVA including one spare unit) 765 kV ICT bays- 6 nos. 765 kV line bays- 2 nos. 330 MVAR Bus Reactor-2 nos. (7x110 MVAR, including one spare unit) 765kV reactor bays- 2 nos. 400/220 kV, 500 MVA ICTs- 5 nos. 400 kV ICT bays -11 nos. 420 kV reactor bays - 2 nos. 125 MVAR, 420 kV bus reactor- 2 nos. 400 kV line bays - 6 nos. (4 nos. for LILO of Bikaner-Bikaner-II D/c line & 2 nos. for Bikaner-II D/c line) 220 kV ICT bays - 5 nos. 220 kV line bays- 5 nos. (for RE connectivity) 220 kV BC (2 nos.) and 220 kV TBC (2 nos.) 220kV Sectionalization bay: 1 set</p> <p>Future provisions: Space for</p> <p>765 kV line bays along with switchable line reactors— 6 nos. 765kV Bus Reactor along with bay: 1 no. 400 kV line bays along with switchable line reactor –4 nos. 400 kV line bays-4 nos. 400/220kV ICT along with bays -5 nos. 400 kV Bus Reactor along with bay: 1 no. 400kV Sectionalization bay: 2 sets 220 kV line bays for connectivity of RE Applications -8 nos. 220kV Sectionalization bay: 2 sets 220 kV BC (2 no.) and 220 kV TBC (2 no.) STATCOM (2x±300MVAR) along with MSC (4x125</p>	24 Months from SPV transfer



	MVAr) & MSR (2x125 MVAr)	
2	LILO of both ckts of 400 kV Bikaner (PG)- Bikaner-II D/c line (Quad) at Bikaner-III PS	
3	Bikaner-II PS – Bikaner-III PS 400 kV D/c line (Quad)	
4	2 no. of 400 kV line bays at Bikaner-II. • 400 kV line bays - 2 nos	
5	Bikaner-III - Neemrana-II 765 kV D/c line along with 330 MVAr switchable line reactor for each circuit at each end • 765 kV, 330 MVAr switchable line reactors at Bikaner-III PS – 2 nos. • 765 kV, 330 MVAr Switchable line reactors at Neemrana-II S/s – 2 nos. • Switching equipment for 765kV 330 MVAr switchable line reactors at Bikaner-III PS – 2 nos. • Switching equipment for 765kV 330 MVAr switchable line reactors at Neemrana-II S/s – 2 nos.	
6	2 no. of 765 kV line bays at Neemrana-II S/s • 765kV line bays at Neemrana-II S/s- 2 nos.	

Note:

1. *POWERGRID to provide space for 2 nos. of 400 kV line bays at Bikaner-II PS.*
2. *Developer of Neemrana-II S/s shall provide space for 2 nos. of 765 kV line bays at Neemrana-II S/s for termination of Bikaner-III - Neemrana-II 765 kV D/c line.*
3. *Provision of suitable sectionalization shall be kept at Bikaner-III PS, at 400kV & 220kV level to limit short circuit level.”*

2. Based on the competitive bidding carried out by the PFC Consulting Limited (PFCCL), in its capacity as the Bid Process Coordinator (BPC), in accordance with the Guidelines issued by the Ministry of Power, Government of India under Section 63 of the Act, Power Grid Corporation of India Limited was declared a successful bidder with the lowest quoted transmission charges of Rs. 2732.69 million per annum.

3. The Commission, after considering the application of the Petitioner in light of the provisions of the Act and the Transmission Licence Regulations, in its order



dated 21.3.2024, prima facie proposed to grant a transmission licence to the Petitioner. The relevant extracts of the order dated 21.3.2024 are extracted as under:

“22. 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 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 8.4.2024.”

4. A public notice under Sub-section (5) of Section 15 of the Act was published on 30.3.2024 in all editions of the Hindustan Times (English) and Rashtriya Sahara (Hindi). No suggestions/ objections have been received from members of the public in response to the public notice.

5. The case was called out for the hearing on 10.4.2024. It was submitted by the representative of the Petitioner that, in response to a public notice published by the Commission, no objection has been received.

6. As regards the grant of a transmission licence, Clauses (15) and (16) of Regulation 7 of the Transmission Licence Regulations provide as under:

“(15) The Commission may after consideration of the further suggestions and objections, if any, received in response to the public notice as aforesaid, grant licence as nearly as practicable in Form-III attached to these regulations or for reasons to be recorded in writing, reject the application if such application is not in accordance with the provisions of the Act, the rules or regulations made thereunder or any other law for the time being in force or for any other valid reason.

(16) The Commission may, before granting licence or rejecting the application, provide an opportunity of hearing to the applicant, the Central Transmission Utility, the long-term customers, or the person who has filed suggestions and objections, or any other person: Provided further that the

applicant shall always be given a reasonable opportunity of being heard before rejecting the application.”

7. In our order dated 21.3.2024, we had proposed to grant a transmission licence to the Petitioner company and directed the issue of a public notice. In response to the public notice, no suggestions/objections have been received. CTUIL, in its letter dated 23.1.2024, 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 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 Neemrana Transmission Limited,' for the grant of an inter-State transmission licence for the establishment of the "Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-1) (Bikaner Complex): PART-A" on a Build, Own, Operate and Transfer (BOOT) 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 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 13 (2) of the 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 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 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.

11. Let an extract copy of this order be sent to CTUIL, CEA and BPC for information and necessary action.

12. Petition No. 47/TL/2024 is allowed in terms of the above.

Sd/-
(Arun Goyal)
Member

sd/-
(Jishnu Barua)
Chairperson





सेंट्रल ट्रान्समिशन यूलिटी 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/00/20th CCTP

13th September 2024

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
Northern Region		
1.	Implementation of 2 nos. 220kV line bays at 765/400/220kV Bikaner-III PS for interconnection of 500MW REGS of M/s NTPC Renewable Energy Ltd.	POWERGRID Bikaner Neemrana Transmission Ltd. (a subsidiary of Power Grid Corporation of India Ltd.)
2.	Augmentation of transformation capacity at 400/220kV Bhadla-II PS (section-1) in Rajasthan by 1x500 MVA, 400/220kV ICT (6 th) to cater to the N-1 contingency requirements.	Power Grid Corporation of India Ltd.
3.	Augmentation of transformation capacity at 400/220kV Hisar (PG) Substation in Haryana by 1x500 MVA, 400/220kV ICT (4 th)	Power Grid Corporation of India Ltd.
Western Region		
4.	Transmission scheme for providing connectivity to Lara TPS-II (2x800MW) of NTPC Ltd. and to control high voltages at 765/400kV Champa PS a. Implementation of 400kV line bays at Champa PS for Interconnection of Lara TPS-II (2x800MW) of NTPC Ltd. b. Transmission Scheme to control high voltages at Champa PS (on Bus Section-A, where Lara TPS-I (2x800MW) of NTPC Ltd. is connected)	Power Grid Corporation of India Ltd.
5.	Augmentation of transformation capacity at 400/220kV Rajgarh(PG) S/s in MP by 400/220kV, 500MVA ICT (4 th)	Power Grid Corporation of India Ltd.
6.	Implementation of 2 nos. 765kV line bays at Vataman S/s under ISTS for termination of Saurashtra – Vataman 765kV D/c line of InSTS	Vataman Transmission Ltd. (a subsidiary of Power Grid Corporation of India Ltd.)
Eastern Region		
7.	Eastern Region Expansion Scheme-42	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. The Chairman & Managing Director Power Grid Corporation of India Ltd., Saudamini, Plot No. 2, Sector-29, Gurgaon- 122 001	2. POWERGRID Bikaner Neemrana Transmission Ltd. (a subsidiary of Power Grid Corporation of India Ltd.) Saudamini, Plot No. 2, Sector-29, Gurgaon – 122009
3. Vataman Transmission Ltd. (a subsidiary of Power Grid Corporation of India Ltd.) Saudamini, Plot No. 2, Sector-29, Gurgaon – 122009	

Copy to:

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

CC:

1. Director (Technical) Haryana Vidyut Prasaran Nigam Ltd. Shakti Bhawan, Sector-6, Panchkula-134109, Haryana Emailid: cepd@hvpn.org.in ; xenplq@hvpn.org.in ; ceplq@hvpn.org.in ; xenplqss@hvpn.org.in	<i>For kind information, please.</i>
2. Managing Director Gujarat Energy Transmission Corporation Ltd., Sardar Patel Vidyut Bhawan, Race Course, Vadodara – 390 007. md.getco@gebmail.com ;	<i>With a request to take up implementation of Saurashtra – Vataman 765kV line in matching timeframe of 2 no. 765kV line bays at Vataman S/s as per transmission scheme mentioned at sl. no. 6.</i>



Northern Region

1. Implementation of 2 nos. 220kV line bays at 765/400/220kV Bikaner-III PS for interconnection of 500MW REGS of M/s NTPC Renewable Energy Ltd.

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	2 nos. 220kV line bays at 765/400/220kV Bikaner-III PS for interconnection of 500MW REGS of M/s NTPC Renewable Energy Ltd. (NTPC-REL).	• 220 kV line bay – 2 nos.	31.12.2025
Total Estimated Cost:			₹11.14 Crore

2. Augmentation of transformation capacity at 400/220kV Bhadla-II PS (section-1) in Rajasthan by 1x500 MVA, 400/220kV ICT (6th) to cater to the N-1 contingency requirements

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Augmentation of Transformation capacity at Bhadla-II PS (Section-1) by 1x500MVA, 400/220kV ICT (6 th) along with associated bays	<ul style="list-style-type: none"> • 500 MVA, 400/220 kV ICT- 1 no. • 400 kV ICT bay (including associated tie bay) - 1 no. • 220 kV ICT bay- 1 no. • 220kV Cable (1ph) -1 km (approx.) • 220kV Cable termination Kit - 1 Set 	18 months from the date of issuance of OM by CTUIL
Total Estimated Cost:			₹ 59.58 Crore

3. Augmentation of transformation capacity at 400/220kV Hisar (PG) Substation in Haryana by 1x500 MVA, 400/220kV ICT (4th)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Augmentation of 400/220 kV, 1x500 MVA (4 th) ICT at Hisar (PG) S/s along with associated transformer bays	<ul style="list-style-type: none"> • 500 MVA, 400/220 kV ICT- 1 no. • 400 kV ICT bay (including associated tie bay) - 1 no. • 220 kV ICT bay- 1 no. 	18 months from the date of issuance of OM by CTUIL
Total Estimated Cost:			₹ 49.60 Crore



Western Region

4. Transmission scheme for providing connectivity to Lara TPS-II (2x800MW) of NTPC Ltd. and to control high voltages at 765/400kV Champa PS

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe	Total Estimated Cost
a. Implementation of 400kV line bays at Champa PS for Interconnection of Lara TPS-II (2x800MW) of NTPC Ltd.				
1.	2 nos. 400kV bays at Champa PS (Bus Section B, with KSK 3x600MW Units) for termination of Lara TPS-II – Champa PS 400kV D/c (Quad) line	<ul style="list-style-type: none"> 400kV line bays (in existing dia) : 2 Nos. (on Bus Section B, on which KSK 3x600MW Units are connected) 	01.05.2027 (refer note a)	₹ 18.57 Crore
b. Transmission Scheme to control high voltages at Champa PS (on Bus Section-A, where Lara TPS-I (2x800MW) of NTPC Ltd. is connected)				
1.	Installation of 1x240MVA, 765kV Bus Reactor & 1x125MVA, 420kV Bus Reactor at Champa PS (On Bus section-A where Lara-I project is connected)	<ul style="list-style-type: none"> 1x240MVA, 765kV Bus Reactor – 1 No. 765kV Bus Reactor bay (in existing dia) – 1 No. 1x125MVA, 420kV Bus Reactor – 1 No. 400kV Bus Reactor bay (in existing dia) – 1 No. 	18 months from the date of issuance of OM by CTUIL.	₹ 79.28 Crore
Total Estimated Cost:				₹ 97.85 Crore

Note:

- a. Implementation Timeframe has been aligned with the start date of connectivity as per intimation for in-principle grant of Connectivity to NTPC Ltd. for its Lara TPS-II (2x800MW) (appl. no. 2200000245).

5. Augmentation of Transformation Capacity at 400/220kV Rajgarh (PG) S/s in MP by 400/220 kV, 1x500 MVA ICT (4th)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Augmentation of Transformation capacity at 400/220kV Rajgarh S/s by 1x500MVA ICT (4 th) (terminated on the sectionalized 220kV bus)	<ul style="list-style-type: none"> 400/220kV, 1x500MVA ICT – 1 No. 400kV ICT bay (AIS) [including associated tie bay] – 1 No. 220kV ICT bay (GIS) – 1 No. (on the sectionalized 220kV bus, which is presently under implementation by POWERGRID) 220 kV GIS Bus Duct – 300m. approx. 	31.12.2026 (refer note no. a)
Total Estimated Cost:			₹ 64.17 Crore



Note:

- a. Implementation Timeframe has been aligned with the start date of connectivity as per intimation for in-principle grant of Connectivity to Sprng Akshaya Urja Pvt. Ltd. (SAUPL) [67.2MW (appl. no. 2200000133)].

6. Implementation of 2 nos. 765kV line bays at Vataman S/s under ISTS for termination of Saurashtra – Vataman 765kV D/c line of InSTS

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Implementation of 2 nos. 765kV line bays at Vataman S/s under ISTS for termination of Saurashtra – Vataman 765kV D/c line of InSTS	• 765kV Bays (including associated tie bays) – 2 Nos.	31.07.2027 (refer note a.)
Total Estimated Cost:			₹ 70.96 Crore

Note:

- a. Implementation Timeframe has been aligned with GETCO's requirement for 2 no. 765kV line bays at Vataman S/s for termination of Saurashtra – Vataman 765kV line.

Eastern Region

7. Eastern Region Expansion Scheme-42 (ERES-42)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Installation of new 1x500MVA, 400/220kV (3 rd) ICT at Pandiabili (POWERGRID) S/s along with associated bay at 220kV level [using the bay no. 413 at 400kV level, which is already under implementation under ERBS-I scheme]	• 500MVA, 400/220kV ICT: 1 no. • 220kV GIS ICT bay: 1 no. • 400kV GIS duct: 250m approx.(1-Ph) • 220kV GIS duct: 100m approx.(1-Ph)	30/09/2026
Total Estimated Cost:			₹ 45.58 Crore

Note:

- a. POWERGRID is inter-alia implementing a full diameter (413-414-415) under ERBS-1 Scheme for termination of one circuit of Talcher-III – Pandiabili (POWERGRID) 400kV D/c line in bay no. 415. The other bay of the diameter viz 413 is planned to be used for termination of the 3rd 400/220kV ICT.





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/00/21st CCTP

23rd October 2024

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
Northern Region		
1.	Implementation of 1 no. 220kV line bay for interconnection of 300MW REGS of M/s Deshraj Solar Energy Pvt. Ltd. (DSEPL) and 3 nos. 400kV line bays for interconnection of 1400MW RPPD of M/s Sunbreeze Renewables Nine Pvt. Ltd. (SR9PL) (2 nos. bays) & 1000MW RPPD of M/s MRS Buildvision Pvt. Ltd. (MBPL) (1 no. bay) at 765/400/220kV Bikaner-III PS	POWERGRID Bikaner Neemrana Transmission Ltd. (a subsidiary of Power Grid Corporation of India Ltd.)
2.	Augmentation of transformation capacity at 400/220kV Samba (PG) S/s in Jammu & Kashmir by 1x500 MVA, 400/220kV ICT (4 th)	Power Grid Corporation of India Ltd.
Western Region		
3.	Implementation of 2 nos. 400kV line bays at Mandasaur S/s for Interconnection of 3x504MW PSP of Greenko MP01 IREP Pvt. Ltd.	Rajasthan IV C Power Transmission Ltd. (subsidiary of Power Grid Corporation of India Ltd.)
Southern Region		
4.	Augmentation of Transformation Capacity at 400/220kV Yelahanka (GIS) S/s in Karnataka by 400/220kV, 1x500MVA ICT (3rd)	Power Grid Corporation of India Ltd.
5.	Implementation of 1 no. of 230kV line bay at Karur 400/230kV PS for interconnection of REGS of M/s Nannai Solar Park Pvt. Ltd.	Karur Transmission Ltd. (a subsidiary of Adani Energy Solutions Ltd.)
6.	Augmentation of Transformation Capacity at 400/220kV Bidadi GIS S/s in Karnataka by 400/220kV, 1x500MVA ICT (3rd)	Power Grid Corporation of India Ltd.
North Eastern Region		
7.	North Eastern Region Expansion Scheme-29, Part-A (NERES-29, Part-A)	Power Grid Corporation of India Ltd.
8.	North Eastern Region Expansion Scheme-29, Part-B (NERES-29, Part-B)	Power Grid Corporation of India Ltd.

"सौदामिनी", प्रथम तल, प्लॉट सं.2, सेक्टर-29, गुरुग्राम- 122001 (हरियाणा), दूरभाष: 0124-2822000, सीआईएन: U50100HR2020GOI001857
"Saudamini", 1st Floor, Plot No. 2, Sector-29, Gurugram-122001 (Haryana), Tel.: 0124-2822000, CIN: U50100HR2020GOI001857
Website: <https://www.ctuil.in>



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. The Chairman & Managing Director Power Grid Corporation of India Ltd., Saudamini, Plot No. 2, Sector-29, Gurgaon- 122 001	2. POWERGRID Bikaner Neemrana Transmission Ltd. (a subsidiary of Power Grid Corporation of India Ltd.) Saudamini, Plot No. 2, Sector-29, Gurgaon – 122009
3. Rajasthan IV C Power Transmission Ltd. (a subsidiary of Power Grid Corporation of India Ltd.) Saudamini, Plot No. 2, Sector-29, Gurgaon – 122009	4. Karur Transmission Ltd. (a subsidiary of Adani Energy Solutions Ltd.) Saudamini, Plot No. 2, Sector-29, Gurgaon – 122009

Copy to:

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

1. Development Commissioner (Power) Power Development Department, Grid Substation Complex, Janipur, Jammu dcpjkpdd@yahoo.com ; mdjkptcl1@gmail.com ; pmupddjk@gmail.com ; mdjkptcl1@gmail.com	<i>For kind information, please.</i>
2. Director (Transmission) Karnataka State Power Transmission Corp. Ltd., Cauvery Bhawan Bangalore – 560 009 dt@kptcl.com ; eeeplgkptcl@gmail.com ; divyajaikrishna@gmail.com ; eepps1kptcl@gmail.com seeplgkptcl@gmail.com	<i>For kind information, please.</i>



Northern Region

1. Implementation of 1 no. 220kV line bay for interconnection of 300MW REGS of M/s Deshraj Solar Energy Pvt. Ltd. (DSEPL) and 3 nos. 400kV line bays for interconnection of 1400MW RPPD of M/s Sunbreeze Renewables Nine Pvt. Ltd. (SR9PL) (2 nos. bays) & 1000MW RPPD of M/s MRS Buildvision Pvt. Ltd. (MBPL) (1 no. bay) at 765/400/220kV Bikaner-III PS

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	1 no. 220kV line bays at 765/400/220kV Bikaner-III PS for interconnection of 300MW REGS of M/s Deshraj Solar Energy Pvt. Ltd. (DSEPL)	• 220 kV line bay – 1 no.	31.03.2026
2.	3 nos. of 400 kV line bays at 765/400/220 kV Bikaner-III PS for interconnection of 1400MW RPPD of M/s Sunbreeze Renewables Nine Pvt. Ltd. (SR9PL) (2 nos. bays) & 1000MW RPPD of M/s MRS Buildvision Pvt. Ltd. (MBPL) (1 no. bay)	• 400 kV line bay (including associated tie bay) – 3 nos.	22.08.2026
Total Estimated Cost:			₹50.09 Crore

2. Augmentation of transformation capacity at 400/220kV Samba (PG) S/s in Jammu & Kashmir by 1x500 MVA, 400/220kV ICT (4th)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Augmentation of transformation capacity at 400/220kV Samba (PG) S/s by 1x500 MVA, 400/220kV ICT (4 th) along with associated bays	<ul style="list-style-type: none"> • 500 MVA, 400/220 kV ICT- 1 no. • 400 kV ICT bay (in existing diameter)- 1 no. • 220 kV ICT bay- 1 no. 	18 months from the date of issuance of OM by CTUIL i.e. 23/04/2026
Total Estimated Cost:			₹ 42.18 Crore



Western Region

3. Implementation of 2 nos. 400kV line bays at Mandsaur S/s for Interconnection of 3x504MW PSP of Greenko MP01 IREP Pvt. Ltd.

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Implementation of 2 nos. 400kV line bays at Mandsaur S/s for Interconnection of 3x504MW PSP of Greenko MP01 IREP Pvt. Ltd. through Greenko MP01 – Mandsaur PS 400kV D/c (quad ACSR/AAAC/AL59 moose equivalent) line	• 400kV line bays (including associated tie bay): 2 Nos.	19.08.2026
Total Estimated Cost:			₹ 30.46 Crore

Southern Region

4. Augmentation of Transformation Capacity at 400/220kV Yelahanka (GIS) S/s in Karnataka by 400/220kV, 1x500MVA ICT (3rd)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Augmentation of transformation capacity at 400/220kV Yelahanka (GIS) S/s in Karnataka by 1x500 MVA, 400/220kV ICT (3rd)	• 500MVA, 400/220kV ICT – 1no. • 400kV ICT bay–1 No. (GIS) • 220kV ICT bay–1 No. • 400kV GIS Bus duct (1 Ph.)– approx. 100 meters	21 months from the date of issuance of OM by CTUIL i.e. 23/07/2026
Total Estimated Cost:			₹ 51.96 Crore

5. Implementation of 1 no. of 230kV line bay at Karur 400/230kV PS for interconnection of REGS of M/s Nannai Solar Park Pvt. Ltd.

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	1 no. of 230kV line bay at Karur 400/230kV PS for interconnection of REGS of M/s Nannai Solar Park Pvt. Ltd.	• 230kV line bay–1 No.	15 months from the date of issuance of OM by CTUIL i.e. 23/01/2026
Total Estimated Cost:			₹ 5.57 Crore



6. Augmentation of transformation capacity at 400/220kV Bidadi (GIS) S/s in Karnataka 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 Bidadi (GIS) S/s in Karnataka by 1x500 MVA, 400/220kV ICT (3rd)	<ul style="list-style-type: none"> • 500MVA, 400/220kV ICT – 1no. • 400kV ICT bay–1 No. (GIS) • 220kV ICT bay–1 No. (GIS) • 220kV GIS Bus duct (1ph) – approx. 120 meters • 400kV GIS Bus duct (1 Ph.)– approx. 80 meters • 220kV GIS hall to be extended for installation of 220kV GIS bay module under present scope 	21 months from the date of issuance of OM by CTUIL i.e. 23/07/2026
Total Estimated Cost:			₹ 55.81 Crore

North Eastern Region

7. North Eastern Region Expansion Scheme – 29, Part–A (NERES–29, Part–A)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Installation of new 1x50MVA, 132/33kV (3 rd) ICT at Namsai (POWERGRID) S/s along with associated bays.	<ul style="list-style-type: none"> • 50MVA, 132/33kV ICT: 1 no. • 132kV ICT bays: 1 no. • 33kV ICT bays: 1 no. 	18 months from the date of issuance of OM by CTUIL i.e. 23/04/2026
Total Estimated Cost:			₹ 16.30 Crore

8. North Eastern Region Expansion Scheme–29, Part–B (NERES–29, Part–B)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Installation of new 420kV, 125MVAr Bus Reactor at Biswanath Chariali (POWERGRID) S/s along with associated bays.	<ul style="list-style-type: none"> • 420kV, 125MVAr Bus Reactor: 1 no. • 400kV reactor bay (including associated tie bay): 1 no. 	18 months from the date of issuance of OM by CTUIL i.e. 23/04/2026
Total Estimated Cost:			₹ 32.39 Crore



Form-I

Application Form for Grant of Transmission licence / Amendment in the
Transmission licence

1. Particulars of the Applicant

SI No	Particulars	Particulars
I	Name of the Applicant	POWERGRID Bikaner Neemrana Transmission Limited
II	Status	Public Limited Company
III	Subject Matter	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 Neemrana Transmission Limited.
IV	Address of the Petitioner	B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi 110 016
	Name, Designation & Address of the contact person	K. K. Choudhary Project Incharge, POWERGRID Bikaner Neemrana 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.	9560690612
VI	Fax No.	0124-2822062
VII	Email ID	kanchan@powergrid.in
VIII	Place of Incorporation / Registration	New Delhi, India
IX	Year of Incorporation / Registration	2022
X	Copies of the following documents are enclosed:	
a.	Certificate of Registration	Enclosure 1
b.	Copy of Power of Attorney	Enclosure 2



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 Regulated Tariff Mechanism (RTM) mode are as follows:

i. As per the CTUIL OM C/CTU/AI/00/20th CCTP dated 13.09.2024:

Project: Implementation of 02 nos. of 220 kV line bays at 765/400/220 kV Bikaner-III PS for interconnection of 500 MW REGS of M/s NTPC Renewable Energy Ltd.

(a) Transmission lines” NIL

(b) Sub-stations :

S.No	Name of substation	Voltage Level	Transformer	Reactive Compensation	No of bays	Remarks
1	Bikaner-III PS	220 kV	NIL	NIL	220 kV line bay – 02 nos.	

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

b) Scheduled COD: 31.12.2025

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

ii. As per the CTUIL OM C/CTU/AI/00/21st CCTP dated 23.10.2024:

Project: Implementation of 01 nos. of 220 kV line bay for interconnection of 300 MW REGS of M/s Deshraj Solar Energy Pvt. Ltd. (DSEPL) and 3 nos 400 kV line bays for interconnection of 1400 MW RPPD of M/s Sunbreeze Renewables Nine Pvt. Ltd. (SR9PL) (02 nos bays) & 1000 MW RPPD of M/s MRS Buildvision Pvt. Ltd. (MBPL) (01 no. Bay) at 765/400/220 kV Bikaner-III PS

S.No	Name of substation	Voltage Level	Transformer	Reactive Compensation	No of bays Capacity/km	Remark
1.	Bikaner-III PS	220 kV	NIL	NIL	220 kV line bay – 1 nos.	
2	Bikaner-III PS	400 kV	NIL	NIL	400 kV line bay (including associated tie bay) – 3 nos.	



- a) Remarks: Application is being filed for element to be added
- b) Scheduled COD: 01 no 220 kV bays - 31.03.2026 & 3 nos. 400 kV line bay (including associated tie bay) – 22.08.2026
- c) Agreements with Identified Long-term transmission customers or CTU for the Project, as applicable: NA

3. Quoted transmission charges in case of project selected through the guidelines of competitive bidding and estimated completion cost of the project in other cases:

Estimated completion cost – SI no i - Rs 11.14 Crs & SI no ii - Rs 50.09 Crs

4. (a) Approval of Central Government as per Electricity (Transmission System Planning, Development and Recovery of Inter-state Transmission Charges) Rules, 2021 } CTUIL OM is attached

- (b) Evaluation report (if made public) by the Bid Process Coordinator } Not Applicable

5. List of documents enclosed:

- a) Certificate of Registration: Enclosure-1
- b) Copy of Power of Attorney: Enclosure-2

Signature of the Petitioner

Date: G. 28/10/2024
Place: G. Yanguam





**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 III NEEMRANA TRANSMISSION LIMITED is incorporated on this EIGHTH day of JUNE TWO THOUSAND TWENTY THREE 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 **U42201DL2023GOI415485**

The Permanent Account Number (PAN) of the company is **AALCB6816F***

The Tax Deduction and Collection Account Number (TAN) of the company is **DELB26967D***

Given under my hand at Manesar this EIGHTH day of JUNE TWO THOUSAND TWENTY THREE

Signature Not Verified

Digitally signed by
DS MINISTRY OF CORPORATE
AFFAIRS 10
Date: 2023.06.10 23:07:25 IST

Vairamuthu Nagarajan

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 III NEEMRANA TRANSMISSION LIMITED

Urjanidhi, First Floor, 1, Barakhamba Lane, Connaught Place, New Delhi, Central Delhi-110001, Delhi

*as issued by Income tax Department



Sign





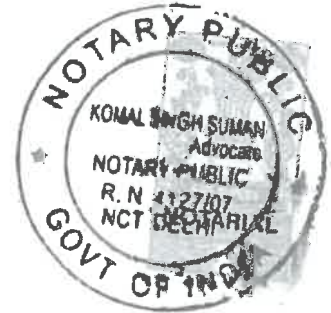
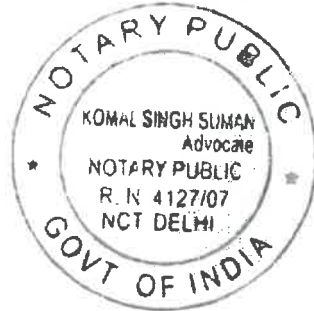
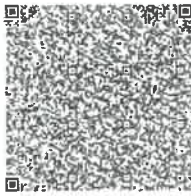
सत्यमेव जयते

INDIA NON JUDICIAL

Government of National Capital Territory of Delhi

e-Stamp

Certificate No. : IN-DL62220194945342W
Certificate Issued Date : 21-Mar-2024 05:39 PM
Account Reference : IMPACC (IV)/ dl732103/ DELHI/ DL:DLH
Unique Doc. Reference : SUBIN-DL73210384088048044045W
Purchased by : Powergrid Bikaner Neemrana Transmission Ltd
Description of Document : Article 48(c) Power of attorney - GPA
Property Description : Not Applicable
Consideration Price (Rs.) : 0
(Zero)
First Party : Powergrid Bikaner Neemrana Transmission Ltd
Second Party : Not Applicable
Stamp Duty Paid By : Powergrid Bikaner Neemrana Transmission Ltd
Stamp Duty Amount(Rs.) : 100
(One Hundred only)



Please write or type below this line

General Power of Attorney

Know all men by these presents, we **POWERGRID Bikaner Neemrana Transmission Limited** (hereinafter referred to as PBNTL 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 K. K. Choudhary, Project In-charge of PBNTL residing at PWO C-5/603, Sector 43, Gurugram, Haryana – 122009, 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 :-

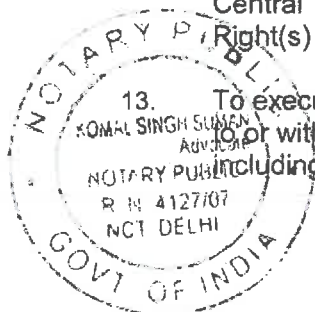
K. K. Choudhary



Statutory Alert:

- The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holders.
- Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
- The onus of checking the legitimacy is on the users of the certificate.
- In case of any discrepancy please inform the Competent Authority.

1. To constitute, and defend legal cases, sign and verify complaints, 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, Vakild, 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)/ Power System Operation Corporation



Debraj Choudhary



Limited (POSOCO)/ 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.

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.

Abhay Choudhary

Signed by the within named
POWERGRID Bikaner Neemrana Transmission Limited
through the hand of **Shri Abhay Choudhary, Chairman (Part-Time)**
Duly authorized by the Board to issue such Power of Attorney

Dated this day of 2024

Accepted

Signature

Signature of Attorney

Name: Shri K. K. Choudhary
Designation: Project In-Charge, **POWERGRID Bikaner Neemrana Transmission Limited**
Address: PWO C-5/603, Sector 43, Gurugram, Haryana – 122009

Attested

Abhay Choudhary

(Signature of the Executant)

Name: **Shri Abhay Choudhary**
Designation: **Chairman (Part-Time)**
Address: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016.



Signature and Stamp of Notary of the place of execution

ATTESTED

Signature
NOTARY PUBLIC, DELHI

15 APR 2024

I identify that Executant/Deponent
has signed before me
ROHIT
M-9055031696

