

**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, 2009 for amendment of existing RTM Transmission License to POWERGRID Ramgarh Transmission Limited for implementation of 1 no. of 220 kV line bay at 400/220 kV Fatehgarh-III PS (Sec-1) for interconnection of BESS of JSW Renew Energy Five Ltd.

PETITION NO.:

POWERGRID Ramgarh 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



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

PETITION 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, 2009 for amendment of existing RTM Transmission License to POWERGRID Ramgarh Transmission Limited for Implementation of 1 no. of 220 kV line bay at 400/220 kV Fatehgarh-III PS (Sec-1) for interconnection of BESS of JSW Renew Energy Five Ltd.

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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. (Formerly Uttar Pradesh State Electricity Board)
Shakti Bhawan, 14, Ashok Marg, Lucknow-226001 (Uttar Pradesh).

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

And others

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Filed by
POWERGRID Ramgarh Transmission Limited
(A 100% wholly owned subsidiary of Power Grid Corporation of India Limited)



Represented by

PROJECT INCHARGE,
POWERGRID Ramgarh Transmission Limited

Date:

Place: Jaisalmer

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AND

Uttar Pradesh Power Corporation Ltd. (Formerly Uttar Pradesh State Electricity Board)
Shakti Bhawan, 14, Ashok Marg, Lucknow-226001 (Uttar Pradesh).

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

And others

To,
The Secretary,
Central Electricity Regulatory Commission,
3rd & 4th Floor, Chandertok Building,
36, Janpath, New Delhi- 110001.

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, 2009 for amendment of existing RTM Transmission License to POWERGRID Ramgarh Transmission Limited for Implementation of 1 no. of 220 kV line bay at 400/220 kV Fatehgarh-III PS (Sec-1) for interconnection of BESS of JSW Renew Energy Five Ltd may please be registered.

**Filed by
POWERGRID Ramgarh Transmission Limited
(A 100% wholly owned subsidiary of Power Grid Corporation of India Limited)**



**Represented by
Project in charge,**

**Place:
Date: Jaisalmer**

POWERGRID Ramgarh Transmission Limited

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Uttar Pradesh Power Corporation Ltd. (Formerly Uttar Pradesh State Electricity Board)
Shakti Bhawan, 14, Ashok Marg, Lucknow-226001 (Uttar Pradesh).

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

And others

To,

The Secretary,

Central Electricity Regulatory Commission,

3 rd & 4 th Floor, Chanderlok Building,

36, Janpath, New Delhi- 110001.

MEMO OF PARTIES

POWERGRID Ramgarh 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 CGM (TBCB), Power Grid Corporation of India Limited, Saudamini, Plot no.2, Sector -29, Gurgaon.

122001.....PETITIONER

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, 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, Patials - 147 001 Represented by its Chairman and Managing Director	....Respondent
7.	Haryana Power Purchase Centre, Shakti Bhawan, Sector-6, Panchkula-134109 (Haryana).	....Respondent



	Represented by its S.E. / C & R-1	
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). Represented by its Managing Director.	....Respondent
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,	....Respondent



	Gurgaon 122001.	
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,
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Petition 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, 2009 for amendment of existing RTM Transmission License to POWERGRID Ramgarh Transmission Limited for implementation of 1 no. of 220 kV line bay at 400/220 kV Fatehgarh-III PS (Sec-1) for interconnection of BFSS of JSW Renew Energy Five Ltd.

POWERGRID Ramgarh Transmission Limited

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

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

And others

The Petitioner respectfully submits as under:

1. The Petitioner, **POWERGRID Ramgarh 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 has implemented the "Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase II – Part A" on Build, Own, Operate and Maintain basis through Tariff Based Competitive Bidding hereinafter



referred to as "TBCB Project") mode. This Hon'ble Commission vide order dated 31.05.2021 passed in Petition No. 89/TL/2021 granted transmission license (TBCB License) to the Petitioner for aforesaid TBCB Project. *A true copy of order dated 31.05.2021 is annexed and marked as Annexure – 1. A Copy of the certificate of Incorporation pursuant to change of name is enclosed and marked as Annexure-2.*

Abovementioned TBCB Project assigned to Petitioner has been commissioned and the detailed scope of TBCB project alongwith implementation schedule is as follows:-

Sr. No.	Name of the Transmission Element	Scheduled COD in months from Effective Date
1.	Establishment of 400/220 kV, 4x500 MVA at Ramgarh – II (Fatehgarh-III) PS with 420kV (2x125 MVAR) bus reactor	18 months i.e. Dec'22
2.	Ramgarh-II (Fatehgarh-III) PS – Fatehgarh- II PS 400kV D/c line (Twin HTLS*)	
3.	2 no. of 400 kV line bays at Fatehgarh- II for Ramgarh – II (Fatehgarh-III) PS– Fatehgarh- II PS 400kV D/c line	
4.	Ramgarh –II (Fatehgarh-III) PS– Jaisalmer-II (RVPN) 400 kV D/c line (Twin HTLS*)	
5.	2 no. of 400 kV line bays each at Jaisalmer- II for Ramgarh – II (Fatehgarh-III) - Jaisalmer-II 400kV D/c line	

*with minimum capacity of 2100 MVA on each circuit at nominal voltage

3. Subsequently, this Hon'ble Commission vide order dated 15.04.2024 in Petition no 293/TL/2023 has granted separate transmission license (RTM License) to implement the following Transmission Projects under Regulated Tariff Mechanism (RTM);

3.1. Implementation of 400kV bays for RE generators at Fatehgarh-III (erstwhile Ramgarh-II) PS under ISTS.:

S no	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1	1 no. of 400 kV bay at Fategarh-III PS (erstwhile Ramgarh-II)	• 400 kV line bays -1	20.09.2025
Total Estimated Cost:			Rs. 16.30 crore

3.2. Transmission projects assigned under Government of India, Ministry of Power, vide notification No. 15/3/2018-Trans Pt(1) dated 01.12.2021 and CTUIL vide



Office memorandum ref No. C/CTUIL/OM/02 dated 02.12.2021 in reference to the aforesaid MOP notification:

3.2.1. Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E1

Sl. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	Establishment of 3x1500 MVA 765/440 kV & 3x500 MVA, 400/220 kV pooling station at Fatehgarh-3 (new section*) (In addition to 4x500 MVA ICT proposed under Rajasthan SEZ Ph-II of section-1) along with 2x330 MVA, 765 kV & 2x125 MVAR, 420 kV Bus Reactors	765/440 kV 1500 MVA ICT: 3 Nos. (10x500) MVA, including one spare unit) 330MVA, 765 KV bus reactor-2 (7x110 MVA, including one spare unit) 765 kV ICT bays-3 nos. 400/220KV, 500MVA ICT-3 nos. 400 kV ICT bays 6 nos. 220 ICT bays 3 nos. 765kV line bays -2 Nos. 765kV reactor bays -2 nos. 125 MVA, 420kV bus reactor-2 nos. 420 kV reactor bays -2 nos.	01.02.2025
Total Estimated Cost:			INR 435 Crore

3.2.2. Grant of 400 kV & 220 kV bays to RE generators at Fatehgarh-III (erstwhile Ramgarh-II) PS under ISTS:

S. No	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	6 nos. of 220 kV bays and 3 nos of 400 kV bays along with bus extension of 220	400 kV line bays -3 nos. 220 kV line bays-6 nos.	As per table A



S. No	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
	kV & 400 kV bus as well as bus sectionaliser arrangement between both the levels i.e. 400 kV new section and 220 kV new section with under implementation section at Fatehgarh-III PS.	400 kV bus sectionaliser - 1 no. 220 kV bus sectionaliser - 1 no.	
Total Estimated Cost:			INR 82.45 Crore

Table -A

S. No.	Element	Implementation schedule as per CTUIL
1	1 no. 220kV line bays at Fatehgarh-III	30.09.2024
2	1 no. 220kV line bays at Fatehgarh-III	31.10.2024
3	1 no. 220kV line bays at Fatehgarh-III	31.10.2024
4	1 no. 220kV line bays at Fatehgarh-III	31.12.2024
5	1 no. 220kV line bays at Fatehgarh-III	15.06.2025
6	1 no. 220kV line bays at Fatehgarh-III	30.06.2025
7	1 no. 400kV line bays at Fatehgarh-III	01.02.2025
8	1 no. 400kV line bays at Fatehgarh-III	01.02.2025
9	1 no. 400kV line bays at Fatehgarh-III	31.03.2025

3.2.3. Transmission Project: Transmission system for evacuation of power from REZ in Rajasthan (20GW) under phas-III Part E-2:

S. No	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	Augumentation of 3x1500 MVA 765/440 kV & 2x500 MVA,400/220 kV pooling station at Fatehgarh-3 (new section).	765/440 kV 1500 MVA ICT: 3 Nos. 400/220 kV, 500MVA ICT-2 nos. 765 kV ICT bay-3 nos.	As per table B



S. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
		400 kV ICT bay-5 nos. 220 kVICT bays 2 nos.	
Total Estimated Cost:			INR 245 Crore

Table - B

S. No.	Element	Implementation schedule as per CTUIL
1	1x500MVA, 400/220kV ICT (1st):	31.03.2025
2	1x500MVA, 400/220kV ICT (2nd):	30.06.2025
3	1x1500MVA, 765/400kV ICT (1st):	31.03.2025
4	2x1500MVA, 765/400kV ICT (2nd & 3rd):	30.06.2025

3.3. *Transmission project assigned by CTUIL vide Office memorandum ref No. C/CTU/AI/00/12th CCTP dated 21.04.2023 and subsequent amendment issued on 08.06.2023:*

Transmission Project - implementation of Bus Sectionalizer at 400kV level of 765/400/220 kV Fatehgarh-III PS (Section-2).

S.No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	1 Set of Bus sectionalizer at 400kV level of 765/400/220 kV Fatehgarh-III PS (Section-2)	400 kV Bus sectionalizer - 1 set	01.02.2025
Total Estimated Cost:			Rs 17.11 Crs

Copy of the order dated 15.04.2024 in Petition no 293/TL/2023 is attached as Annexure – 3.

4. That meanwhile CTUIL vide OM dated 22.03.2024 has assigned the Transmission Projects of *Implementation of 1 no. of 220 kV line bay at 400/220 kV Fatehgarh-III PS (Sec-1) for interconnection of BESS of JSW Renew Energy Five Ltd* to Petitioner



under RTM mode. The detailed scope is as follows;

S.No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	1 no. of 220kV line bay at 400/220kV Fatehgarh-III PS (Sec1) for interconnection of JSW Renew Energy Five Ltd. BESS Project (Connectivity App No. 0212100040- 250 MW)	220 kV line bay - 1 no.	30.06.2025
Total Estimated Cost:			Rs 5.94 Crs

Copy of the CTUIL OM dated 22.03.2024 is attached as Annexure -4.

5. That, considering the above, instant Petition is being filed for amendment of existing RTM Transmission License to POWERGRID Ramgarh Transmission Limited, granted by this Hon'ble Commission vide order dated 15.04.2024 in Petition no 293/TL/2023, *for Implementation of 1 no. of 220 kV line bay at 400/220 kV Fatehgarh-III PS (Sec-1) for interconnection of BESS of JSW Renew Energy Five Ltd* as detailed at para 4.
6. The Petitioner humbly submits that this Hon'ble Commission may be pleased to amend the already granted RTM Transmission License to Petitioner for scope of works under RTM as detailed at para 4 hereinabove.
7. That, in a similar matter, this Hon'ble Commission vide order dated 28.01.2024 passed in Petition No. 181/TL/2023 (*POWERGRID Bikaner Transmission System Limited Vs. UP Power Corporation Limited*) has amended the existing RTM Transmission License of POWERGRID Bikaner Transmission System Limited to implement the Transmission projects assigned subsequent to grant of RTM Transmission license initially. Relevant extract from order dated 28.01.2024 is extracted here under for ready reference of this Hon'ble Commission;

9. *Considering the above, it is hereby directed that the existing transmission licence of PBTSL granted vide Order in Petition No. 137/TL/2022 dated 21.11.2022 under*



RTM mode may be amended to include the assets covered in the instant Petition.

Accordingly, the Petitioner has preferred the present Petition in line with above order dated 28.01.2024 in Petition No. 181/TL/2023.

Copy of the Hon'ble Commission order dated 28.01.2024 in Petition No. 181/TL/2023 is attached as Annexure – 5.

8. That in view of the foregoing, the instant Petition is being filed by the 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, 2009 for amendment of existing RTM Transmission License granted to POWERGRID Ramgarh Transmission Limited for Implementation of 1 no. of 220 kV line bay at 400/220 kV Fatehgarh – III PS (Sec-1) for interconnection of BESS of JSW Renew Energy Five Ltd.
9. It is submitted that upon amendment of existing RTM Transmission license the Petitioner shall implement the aforementioned scheme under RTM mode.
10. It is submitted that 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 8 (2) of the Transmission License Regulations.
11. It is respectfully submitted that in terms of Transmission License Regulations, Petitioner has fulfilled the following:
 - a) Duly filled in Form 1 for grant of transmission License in accordance with the Transmission License Regulations is enclosed herewith and marked as **Annexure-6.**
 - b) Petition has been served on all the DICs of Northern Region as per 7 (4) of Transmission License Regulations. 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) The Petition has been hosted on the website and is accessible on www.powergrid.in/subsidiaries in compliance with Regulation 7(4) of Transmission License Regulations.



- d) The Petition has also been marked to CTUIL as per Regulation 7(6) of Transmission License Regulations.
 - e) It is undertaken that notice of Petition as per Form-II shall be posted on the e-filing portal of the commission and on its website within 7 days after filing of the amended Petition in compliance with the Order dated 22.01.2022 passed by this Hon'ble Commission in 1/SM/2022.
 - f) Appropriate fee for amendment of existing RTM transmission license stands paid.
12. It is submitted that Section 14 of the Electricity Act, 2003 empowers the Appropriate Commission to amend the transmission License and as such this Hon'ble Commission has jurisdiction to amend transmission license to the Petitioner for implementation of scope of works as detailed at para 4 above.

13. **PRAYER**

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

- a) Amend the existing RTM Transmission License, granted by this Hon'ble Commission vide order dated 15.04.2024 in Petition no 293/TL/2023, to the Petitioner for implementation of scope of works as detailed at para 4 above under Regulated Tariff Mechanism (RTM) mode.
- 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 8 (2) of the Transmission License Regulations.
- 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.

POWERGRID Ramgarh Transmission Limited
(A 100% wholly owned subsidiary of Power Grid Corporation of India Limited)



Date:
Place: Jaisalmer

Represented by
PROJECT IN-CHARGE,
POWERGRID Ramgarh Transmission Limited

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

PETITION 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, 2009 for amendment of existing RCM Transmission License to POWERGRID Ramgarh Transmission Limited for Implementation of 1 no. of 220 kV line bay at 400/220 kV Fatchgimh-III PS (Sec-1) for interconnection of BESS of JSW Renew Energy Five Ltd.

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(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. (Formerly Uttar Pradesh State Electricity Board)
Shakti Bhawan, 14, Ashok Marg, Lucknow-226001 (Uttar Pradesh) and others

.....RESPONDENT(S)

AFFIDAVIT

I, S K Mishra, son of Late Sh Maheswar Mishra residing at A-192, Laxmi Chand Sawal Colony, Jaisalmer, Rajasthan - 345001 do hereby solemnly affirm and state as follows:

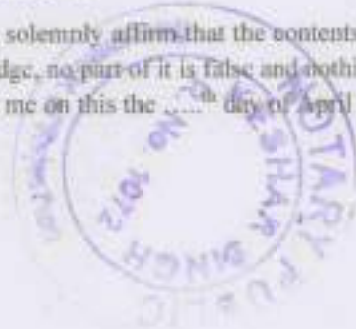
1. I am the Authorised Signatory of the Petitioner Company in the above matter and I am duly authorized to affirm this affidavit. I say that I am conversant with the facts and circumstances of this case.
2. The statements made in paragraphs of the Petition, are true to the best of my knowledge and belief 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.

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 theth day of April 2024 at Jaisalmer.

(Signature)
Keehar Singh Bhat
Notary Public Jaisalmer



(Signature)
Keehar Singh Bhat
Notary Public Jaisalmer



**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Petition No. 89/TL/2021

Coram:
Shri P.K. Pujari, Chairperson
Shri S. Jha, Member
Shri P.K. Singh, Member

Date of Order: 31st May, 2021

In the matter of

Application under Section 14 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission License and other related matters) Regulations, 2009 with respect to Transmission License to Ramgarh New Transmission Limited.

**And
In the matter of**

POWERGRID Ramgarh Transmission Limited
(Formerly known as Ramgarh New Transmission Limited)
Power Grid Corporation of India Limited,
Saudamini, Plot No.2, Sector -29,
Gurgaon-122001, Haryana

.... **Petitioner**

Vs

1. SBE Renewables Seventeen Private Limited
1st Floor, Worldmark-2, Aerocity,
New Delhi -110037
2. M/s. Renew Surya Aayan Private Limited
138, Ansal Chambers-II,
Bhikaji Cama Place
New Delhi -110066
3. M/s. Renew Surya Vihaan Private Limited
138, Ansal Chambers-II,
Bhikaji Cama Place
New Delhi -110066
4. M/s. Altra Xergi Power Private Limited



8th Floor, DLF Square, DLF Phase-II
Gurgaon-122002

5. Chief Executive Officer,
REC Power Distribution Company Limited
REC Corporate Head Quarter,
C & D Block, Plot No. I – 4,
Sec – 29 Gurugram – 122 001
Haryana, India
6. Chief Operating Officer
Central Transmission Utility of India Limited
Saudamini, Plot no.2, Sector -29,
Gurugram-122001

.....Respondents

Parties present:

1. Ms. Suparna Srivastava, Advocate, CTU
2. Shri Tushar Mathur, Advocate, CTU
3. Ms. Joyti Prasad, CTU
4. Shri B Vamsi Rama Mohan, PRTL
5. Shri V C Sekhar, PRTL

ORDER

The Petitioner, POWERGRID Ramgarh Transmission Limited (formerly known as Ramgarh New Transmission Limited), has filed the present Petition for grant of transmission licence under Section 14 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 "the Transmission Licence Regulations") to establish "Transmission System strengthening scheme for evacuation of power from Solar Energy Zones in Rajasthan (8.1 GW) under Phase II-Part A", on Build, Own, Operate and Maintain



(BOOM) basis (hereinafter referred to as "the Project") consisting of the following elements:

Sr. No.	Name of the Transmission Element	Scheduled COD in months from the Effective Date
1.	<p>Establishment of 400/220 kV, 4x500 MVA at Ramgarh-II (Fatehgarh-III) PS with 420 kV (2x125 MVAR) bus reactor 400/220 kV, 500 MVA ICT- 4 400 kV ICT bays – 4 220 kV ICT bays – 4 400 kV Line bays – 4 220 kV line bays – 7 125 MVAR, 420 kV bus reactor – 2 420 kV reactor bay – 2</p> <p>Future provisions: Space for 765/400 kV ICTs along with bays: 8 numbers 765 kV line bay along with switchable line reactor: 8 numbers 765 kV Bus Reactor along with bays: 3 numbers 400/220 kV ICTs along with bays: 8 numbers 400 kV line bays along with switchable line reactor: 10 numbers 400 kV Bus Reactor along with bays: 2 numbers 400 kV Sectionalizer bay: 2 numbers 220 kV line bays: 15 numbers 220 kV Sectionalizer bay: 4 numbers (each for main bus-I & main bus-II in each section)</p>	18 months
2.	Ramgarh-II (Fatehgarh-III) PS-Fatehgarh-II PS 400 kV D/c line (Twin HTLS*)	
3.	2 number of 400 kV line bays at Fatehgarh-II for Ramgarh-II (Fatehgarh-III) PS – Fatehgarh-II PS 400 kV D/c line	
4.	Ramgarh-II (Fatehgarh-III) PS-Jaisalmer-II (RVPN) 400 kV D/c line (Twin HTLS*)	
5.	2 number of 400 kV line bays each at Jaisalmer-II for Ramgarh-II (Fatehgarh-III)-Jaisalmer-II 400 kV D/c line	

(*with minimum capacity of 2100 MVA on each circuit at nominal voltage.)



2. Based on the competitive bidding carried out by REC Transmission Projects Company Limited (RECTPCL) in its capacity as the Bid Process Coordinator (BPC) in accordance with the Guidelines issued by Ministry of Power, Government of India under Section 63 of the Act, Power Grid Corporation of India Limited (PGCIL) emerged as the successful bidder with the lowest levelized transmission charges of Rs. 390.53 million per annum.

3. It is also relevant to note that in the interregnum, in compliance to the direction of Ministry of Power and order dated 5.2.2021 of the Ministry of Company Affairs, RECTPCL amalgamated with REC Power Distribution Company Limited (RECPDCL) with appointed date as 1st April, 2020 and effective date as 6th February, 2021. As per the Scheme of Amalgamation, all the property, rights, powers, liabilities and duties of RECTPCL stood transferred to RECPDCL without further act or deed.

4. The Commission after considering the application of the Petitioner in the light of the provisions of the Act and the Transmission Licence Regulations in its order dated 29.4.2021 *prima facie* proposed to grant licence to the Petitioner. Relevant extract of order dated 29.4.2021 is extracted as under:

"16. We have considered the submissions of the Petitioner, BPC and CTU. The proviso to Clause 2.4 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". Though Lol was issued on 29.1.2021, BPC, vide its letters dated 6.2.2021, 17.2.2021, 1.3.2021 and 9.3.2021, in terms of Clauses 2.4, 2.5 and 2.8 of RFP extended the date upto 16.3.2021 for completion of all activities by the successful bidder. The selected bidder furnished the Contract Performance Guarantee to the Long Term Transmission Customers of the Project for an amount of Rs. 35.46 crore and has acquired hundred percent equity-holding in the applicant company on 9.3.2021 after execution of the Share Purchase Agreement. The TSP on behalf of the selected bidder filed the Application for grant of transmission licence and adoption of tariff through e-portal on 12.3.2021. Considering the material on record, we are prima-facie of the view that the Petitioner satisfies the conditions for grant of inter-State



transmission licence under Section 15 of the Act read with Transmission Licence Regulations for construction, operation and maintenance of 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 grant of transmission licence aforesaid. The objections or suggestions, if any, be filed by any person before the Commission, by 12.5.2021."

5. A public notice under Sub-section (5) of Section 15 of the Act was published on 3.5.2021 in all editions of the Times of India (English) and Dainik Jargan (Hindi). No suggestions/ objections have been received from the members of the public in response to the public notice.

6. The Petitioner, vide order dated 29.4.2021, was directed to file an affidavit to the effect that the execution of the transmission project shall not be delayed due to time taken in obtaining statutory clearances required under RFP and the Transmission Service Agreement (TSA) or adjudication of any claim of the Petitioner arising under the TSA. In response, the Petitioner vide its submission dated 21.5.2021 has submitted that the transmission project is being governed by the pre-signed TSA dated 11.11.2020 and all the terms of the TSA including Article 16 of the TSA are integral part of the TSA and are binding on the signatories of the agreement. The Petitioner has submitted that in terms of the TSA, it would implement the Project as per the provisions of the Article 16.4 of the TSA which is extracted as under:

"16.4. Parties to Perfrom Obligation, notwithstanding the existence of any Dispute and difference referred to the Appropriate Commission or the Arbitration Tribunal as provided in Article 16.3 and save as the Appropriate Commission or the Arbitration Tribunal may otherwise direct by a final or interim order, the Parties hereto shall continue to perform their respective obligations (which are not in dispute) under this Agreement."

7. The Petitioner has submitted that any time over-run or cost over-run shall be claimed by the Petitioner in accordance with the applicable provisions of the TSA

read with the provisions of the Electricity Act, 2003, bidding documents and the Regulations of the Commission.

8. In our order dated 29.4.2021, the following provisions of the TSA with regard to quality control and workmanship were taken note of:

(a) As per Article 5.1.1 of the TSA, the TSP at its own cost and expense, shall be responsible for designing, constructing, erecting, completing and commissioning each element of the Project by Scheduled COD in accordance with the various regulations of the Central Electricity Authority.

(b) Article 5.4 of the TSA provides that the TSP shall ensure that the Project is designed, built and completed in a good workmanlike manner using sound engineering and construction practices and using only materials and equipment that are new and of international utility grade quality such that the useful life of the Project will be till the expiry date.

(c) The design, construction and testing of all equipment, facilities, components and systems of the project shall be in accordance with Indian Standards and Codes issued by Bureau of India Standards.

9. Accordingly, the Petitioner was directed to submit the information with regard to quality control mechanism available or to be put in place to ensure the compliance of the requirements stipulated in Article 5.1.1 and Article 5.4 of the TSA.

10. The Petitioner, vide its submission dated 21.5.2021, has submitted that in terms of the TSA, it would implement the Project as per the provisions of the Article 5 of the TSA dealing with construction of the Project. The Petitioner has submitted that the provisions of the TSA including those related to quality control during construction of the Project are binding on the parties. The Petitioner has pointed out that it is a wholly owned subsidiary of Power Grid Corporation of India Limited



(PGCIL) and follows the same quality standards and practices as are being followed by PGCIL.

11. Case was called out for virtual hearing on 28.5.2021 through video conferencing. It was submitted by the representative of the Petitioner that as per order dated 29.4.2021, the Petitioner has submitted the information called for and requested to grant transmission licence. Learned counsel for CTU submitted that CTU vide its letter dated 20.4.2021 has recommended for grant of transmission licence to the Petitioner which has been taken on record by the Commission vide its order dated 29.4.2021.

12. We have considered the submissions of the Petitioner and CTU. In the TSA, there is provision for the lead LTTC to designate up to three employees for inspection of the progress of the Project. Further, the Petitioner is required to give a monthly progress report to the lead LTTC and the CEA about the Project and its execution. The TSA also vests responsibility in the CEA to carry out random inspection of the Project as and when deemed necessary. We consider it necessary that CEA devises a mechanism for random inspection of the Project every three months to ensure that the Project is not only being executed as per the schedule, but the quality of equipment and workmanship of the Project conform to the Technical Standards and Grid Standards notified by CEA and IS Specifications. In case of slippage in execution of the Project within the timeline specified in the TSA or any non-conformance to the Grid Standards/ Technical Standards/ IS Specifications, CEA is requested to promptly bring the same to the notice of the Commission so that appropriate direction can be issued to the licensee for compliance.



13. CTU through its recommendation for grant of transmission licence to the Petitioner has placed documents on record regarding compliance of Regulations 9.1 and 9.2 of the Central Electricity Regulatory Commission (Planning, Coordination and Development of Economic and Efficient Inter-State Transmission System by Central Transmission Utility and other related matters) Regulations, 2010.

14. As regards grant of transmission licence, Clauses (15) and (16) of Regulation 7 of Transmission Licence Regulations provides 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."

15. In our order dated 29.4.2021, we had proposed to grant transmission licence to the Petitioner company and directed for issue of public notice. In response to the public notice, no suggestions/ objections have been received. CTU in its letter dated 20.4.2021 has recommended for grant of transmission licence to the Petitioner. We are satisfied that the Petitioner company meets the requirements of the Act and the Transmission Licence Regulations for grant of transmission licence for the subject Transmission System mentioned at paragraph 1 of this order. Accordingly, we direct that transmission licence be granted to the Petitioner, POWERGRID Ramgarh New

Transmission Limited, to establish "Transmission System strengthening scheme for evacuation of power from Solar Energy Zones in Rajasthan (8.1 GW) under Phase II-Part A", on Build, Own, Operate and Maintain basis as per the details given in paragraph 1 above.

16. The grant of 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 and the terms and condition of the TSA during the period of subsistence of the licence.

(c) Since the expiry date as per the TSA is 35 years from the scheduled COD of the Project, the licensee may make an application, two years before the expiry of initial licence period, for grant of 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 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 Central Electricity Regulatory Commission (Standard of Performance of inter-State transmission licensees) Regulations, 2012 or subsequent enactment thereof;

(n) The licensee shall provide 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 (Grant of Connectivity, Long-term Access and Medium-term Open Access in inter-State Transmission and related matters) Regulations, 2009; the Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2010, 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 execution of the Project within timeline specified in the Schedule 3 of the TSA and as per the Technical Standards and Grid Standards of CEA prescribed in Article 5.1.1 and Article 5.4 of the TSA;

(m) The licensee shall as far as practicable coordinate with the licensee (including deemed licensee) executing the upstream or downstream transmission projects and the Central Electricity Authority for ensuring execution of the Project in a matching timeline; and

(n) The licensee shall submit all such report or information as may be required under Transmission Licence Regulations, Standard of Performance Regulations, Transmission Service Agreement or any other regulation of the Commission or as per the directions of the Commission as may be issued from time to time.

17. Central Electricity Authority shall monitor the execution of the Project and bring to the notice of the Commission any lapse on the part of the licensee to meet the schedule for further appropriate action in accordance with the provisions of the Act and the Transmission Licence Regulations.

18. Let a copy of this order be sent to CEA for information and necessary action.

19. Petition No. 89/TL/2020 is allowed in terms of the above.

Sd/-
(P.K.Singh)
Member

sd/-
(I.S.Jha)
Member

sd/-
(P. K. Pujari)
Chairperson





GOVERNMENT OF INDIA
MINISTRY OF CORPORATE AFFAIRS

Office of the Registrar of Companies
4th Floor, IFCI Tower 61, New Delhi, Delhi, India, 110019

Certificate of Incorporation pursuant to change of name
[Pursuant to rule 29 of the Companies (Incorporation) Rules, 2014]

Corporate Identification Number (CIN): U40300DL2020GOI365214

I hereby certify that the name of the company has been changed from RAMGARH NEW TRANSMISSION LIMITED to POWERGRID RAMGARH TRANSMISSION LIMITED with effect from the date of this certificate and that the company is limited by shares.

Company was originally incorporated with the name RAMGARH NEW TRANSMISSION LIMITED.

Given under my hand at New Delhi this Thirty first day of March two thousand twenty-one.



Registrar of Companies
RoC - Delhi

Mailing Address as per record available in Registrar of Companies office:
POWERGRID RAMGARH TRANSMISSION LIMITED

H. D. Quah Institutional Area, Katwaria Sarai, New Delhi, South Delhi, Delhi, India, 110016



**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Petition No. 293/TL/2023

Coram:

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

Date of order: 15th April, 2024

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 Licence and other related matters) Regulations, 2009 for grant of separate Transmission Licence to POWERGRID Ramgarh Transmission Limited for implementation of scope of work as detailed in the Petition through RTM mode.

And

In the matter of

POWERGRID Ramgarh Transmission Limited (PRTL),
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 122001, Haryana

...Petitioner

Vs

1. Uttar Pradesh Power Corporation Ltd.,
(Formerly Uttar Pradesh State Electricity Board)
Shakti Bhawan, 14, Ashok Marg, Lucknow-226001 (Uttar Pradesh).
2. Ajmer Vidyut Vitran Nigam Ltd.,
132 kV, GSS RVPNL Sub-station Building,
Caligiri Road, Malviya Nagar, Jaipur-302017 (Rajasthan).
3. Jaipur Vidyut Vitran Nigam Ltd.,
132 kV, GSS RVPNL Sub-station Building,
Caligiri Road, Malviya Nagar, Jaipur-302017 (Rajasthan).



4. Jodhpur Vidyut Vitran Nigam Ltd.,
132 kV, GSS RVPNL Sub-station Building,
Caliyini Road, Maiviya Nagar, Jaipur-302017 (Rajasthan).

5. Himachal Pradesh State Electricity Board,
Vidyut Bhawan, Kumar House Complex Building II,
Shimla-171004 (Himachal Pradesh).

6. Punjab State Power Corporation Limited,
Thermal Shed Tia, Near 22 Phatak,
Patiala-147001 (Punjab).

7. Haryana Power Purchase Centre,
Shakti Bhawan, Sector-6,
Ferozkota-134105 (Haryana).

8. Power Development Department,
Govt. of Jammu & Kashmir
Mini Secretariat, Jammu

9. BSES Yamuna Power Ltd. (BYPL)
B-Block, Shakti Kiran, Bldg. (Near Karkardooma Courts),
Karkardoomam 2nd Floor, New Delhi-110092

10. BSES Rajdhani Power Ltd. (BRPL),
BSES Bhawan, Nehru Place,
New Delhi-110019.

11. Tata Power Delhi Distribution Ltd. (TPDDL),
NDPL House, Hudson Lines,
Kingsway Camp, Delhi-110009.

12. Chandigarh Administration,
Sector -9, Chandigarh.

13. Uttarakhand Power Corporation Ltd.,
Urja Bhawan, Kanwali Road,
Dehradun (Uttarakhand).

14. New Delhi Municipal Council,
Palika Kendra, Sansad Marg,
New Delhi-110002.

15. North Central Railway,
Allahabad (Uttar Pradesh).



16. Chief Operating Officer,
Central Transmission Utility India Limited (CTUIL)
Saudamini, Plot no.2, Sector -29,
Gurgaon 122001.

17. Chief Engineer,
Power System Project Monitoring Division
Central Electricity Authority
Sewa Bhawan, R. K. Puram,
Sector-1, New Delhi - 110 066

...Respondents

The following were present:

Shri Prashant Kumar, PRTL
Shri Abhijit D, PRTL
Shri Yatin Sharma, CTUIL
Shri Siddharth Sharma, CTUIL
Shri Akshyvat Kislav, CTUIL

ORDER

The Petitioner, POWERGRID Ramgarh Transmission Limited, (In short 'PRTL'), has filed the present Petition under Sections 14 and 15 of the Electricity Act, 2003 (hereinafter referred to as 'the Act') read with the provisions of the Central Electricity Regulatory Commission (Terms and Conditions for grant of Transmission Licence and other related matters) Regulations, 2009 (hereinafter referred to as 'the Transmission Licence Regulations') for the grant of a separate transmission licence for the implementation of (i) "400kV bays for RE generators at Fatehgarh-III (erstwhile Ramgarh-II) PS under ISTS", (ii) "Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E1", (iii) "400 kV & 220 kV bays to RE generators at Fatehgarh-III (erstwhile Ramgarh-II) PS under ISTS", (iv) "Transmission system for evacuation of power from the REZ in Rajasthan (20GW) under phase-III Part E-2" and (v) "Bus Sectionalizer at 400 kV level of 765/400/220 kV Fatehgarh-III PS (Section-2)" through Regulated Tariff Mechanism (RTM) mode. Detailed scope of RTM



transmission projects assigned to the Petitioner by the Ministry of Power/CTUIL for transmission projects detailed as under:

(a) Implementation of 400kV bays for RE generators at Fatehgarh-III (erstwhile Ramgarh-II) PS under ISTS:

S no	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1	1 no. of 400 kV bay at Fatehgarh-III PS (erstwhile Ramgarh-II)	• 400 kV line bays -1	20.9.2025
Total Estimated Cost:			Rs. 16.30 crore

(b) Transmission projects assigned under Government of India, Ministry of Power, vide notification No. 15/3/2018-Trans Pt(1) dated 1.12.2021 and CTUIL vide Office memorandum ref No. C/CTUIL/OM/02 dated 2.12.2021 in reference to the aforesaid MOP notification:

(i) Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E1

S. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	Establishment of 3x1500 MVA 765/440 kV & 3x500 MVA, 400/220 kV pooling station at Fatehgarh-3 (new section) (in addition to 4x500 MVA ICT proposed under Rajasthan SEZ Ph-II of section-1) along with 2x330 MVAR, 765 kV & 2x125 MVAR, 420 kV Bus Reactors	765/440 kV 1500 MVA ICT: 3 Nos. (10x500) MVA, including one spare unit) 330MVAR 765 KV bus reactor-2 (7x110 MVAR including one spare unit) 765 kV ICT bays-3 nos. 400/220KV, 500MVA ICT-3 nos. 400 kV ICT bays 6 nos. 220 ICT bays 3 nos. 765kV line bays -2 nos. 765kV reactor bays -2 nos. 125 MVAR, 420kVbus reactor-2 nos. 420 kV reactor bays -2	1.2.2025



		nos.	
Total Estimated Cost.			Rs. 435 crore

(ii) Grant of 400 kV & 220 kV bays to RE generators at Fatehgarh-III (erstwhile Ramgarh-II) PS under ISTS:

S. No	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	6 nos. of 220 kV bays and 3 nos of 400 kV bays along with bus extension of 220 kV & 400 kV bus as well as bus sectionaliser arrangement between both the levels i.e. 400 kV new section and 220 kV new section with under implementation section at Fatehgarh-III PS.	400 kV line bays -3 nos. 220 kV line bays-6 nos. 400 kV bus sectionaliser - 1 no. 220 kV bus sectionaliser - 1 no.	As per table A.
Total Estimated Cost:			Rs. 82.45 crore including IDC of Rs. 2.30 crore.

S. No.	Element	Implementation schedule as per CTUIL
1	1 nos 220kV line bays at Fatehgarh-III	31.10.2024
2	1 no. 220kV line bays Fatehgarh-III	31.10.2024
3	1 no. 220kV line bays Fatehgarh-III	31.7.2024
4	1 no. 220kV line bays Fatehgarh-III	31.12.2024
5	1 no. 220kV line bays Fatehgarh-III	31.3.2025
6	1 no. 220kV line bays Fatehgarh-III	30.6.2025
7	1 no. 400kV line bays at Fatehgarh-III	1.2.2025
8	1 no. 400kV line bays at Fatehgarh-III	1.2.2025
9	1 no. 400kV line bays at Fatehgarh-III	31.03.2025

(iii) Transmission Project: Transmission system for evacuation of power from REZ in Rajasthan (20GW) under phase-III Part E-2:

S. No	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
.			



S. No	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	Augmentation of 3x1500 MVA 765/440 kV & 2x500 MVA, 400/220 kV pooling station at Fatehgarh-3 (new section).	765/440 kV 1500 MVA ICT: 3 Nos. 400/220 kV, 500MVA ICT-2 nos. 765 kV ICT bay-3 nos. 400 kV ICT bay-5 nos. 220 kV ICT bays 2 nos.	As per table B
Total Estimated Cost:			Rs. 245 crore

Table

S. No.	Element	Implementation schedule as per CTUIL
1	1x500MVA, 400/220kV ICT (1st)	31.3.2025
2	1x500MVA, 400/220kV ICT (2nd)	30.6.2025
3	1x1500MVA, 765/400kV ICT (1st)	31.3.2025
4	2x1500MVA, 765/400kV ICT (2nd & 3rd)	30.6.2025

(iv) Transmission project assigned by CTUIL vide Office memorandum ref No. C/CTU/AI/00/12th CCTP dated 21.4.2023 and subsequent amendment issued on 0.6.2023.

Transmission Project-implementation of Bus Sectionalizer at 400 kV level of 765/400/220 kV Fatehgarh-III PS (Section-2).

S. No	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	1 Set of Bus sectionalizer at 400kV level of 765/400/220kV Fatehgarh-III PS (Section-2)	400 kV Bus sectionalizer - 1 set	01.01.2025
Total Estimated Cost:			Rs. 17.11 crore

2. The Petitioner is an Inter-State Transmission Licensee and was awarded a Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase II- Part A on a Build, Own, Operate and



Maintain basis through the Tariff Based Competitive Bidding (hereinafter referred to as "TBCB Project") mode. The Commission vide order dated 31.5.2021 in Petition No. 89/TL/2021 granted a transmission licence to the Petitioner for the aforesaid TBCB Project consisting of the following scope of the work:

Sr. No.	Name of the Transmission Element	Scheduled COD in months from Effective Date
1.	Establishment of 400/220 kV, 4x500 MVA at Ramgarh- II (Fatehgarh-III) PS with 420kV (2x125 MVAR) bus reactor	18 months i.e. December, 2022
2.	Ramgarh-II (Fatehgarh-III) PS – Fatehgarh- II PS 400kV D/c line (Twin HTLS*)	
3.	2 no. of 400 kV line bays at Fatehgarh- II for Ramgarh-II (Fatehgarh-III) PS– Fatehgarh- II PS 400kV D/c line	
4.	Ramgarh –II (Fatehgarh-III) PS– Jaisalmer-II (RVPN) 400 kV D/c line (Twin HTLS*)	
5.	2 no. of 400 kV line bays each at Jaisalmer- II for Ramgarh- II (Fatehgarh-III) - Jaisalmer-II 400kV D/c line	

*with a minimum capacity of 2100 MVA on each circuit at a nominal voltage

3. The Commission, after considering the application of the Petitioner in light of the provisions of the Act and the Transmission Licence Regulations, vide its order dated 13.3.2024, *prima facie* proposed to grant a separate transmission licence to the Petitioner to implement the transmission projects detailed at paragraph 1 of the order. The relevant extracts of the order dated 13.3.2024 are extracted as under:

"34. In the present case, the Petitioner does not fulfil any of the eligibility conditions for the grant of a transmission licence. However, in the 6th meeting of the National Committee on Transmission, it was indicated that, as per the revised Terms of Reference issued by the Ministry of Power, Government of India, ISTS projects costing up to Rs. 100 crore or such limit as may be prescribed by Ministry of Power from time to time would be approved by CTUIL, including its mode of implementation and NCT is to approve the ISTS costing between Rs.100 crore and Rs. 500 crore or such limit as prescribed by the Ministry of Power from time to time, along with their mode of implementation under intimation to the Ministry of Power. The Transmission



schemes have been identified for implementation through RTM mode by CTUIL/NCT and the Ministry of Power. The non-grant of a transmission licence to any agency nominated by NCT to implement a transmission scheme through a regulated tariff mechanism in view of the provisions of Regulation 6 defeats the purpose of the Policy decision of the Government. We are of the view that considering the strategic importance of the transmission schemes, it is a fit case for a relaxation of the provisions of Regulation 6 by invoking the power vested under Regulation 24 of the Transmission Licence Regulations.

35. Regulation 24 of the Transmission Licence Regulations, dealing with the power to relax in appropriate cases, provides as under:

"24. The Commission may, when it considers necessary or expedient to do so and for reasons to be recorded in writing, relax or depart from any of the provisions of these regulations".

36. It is an established principle of law that the power to relax has to be strictly construed and is to be exercised judiciously and with caution. Further, the power to relax is to be exercised only when undue hardship is caused by the application of the rules or regulations. In the present case, the Petitioner is a transmission licensee who has already implemented the project defined under its scope through the TBCB mechanism. The present Petition is consequent to the office order 28.10.2021 notified by the Ministry of Power, Government of India, wherein CTUIL has been authorized to determine the mode of implementation of ISTS projects less than or equal to Rs.100 crore and NCT to approve the ISTS costing between Rs.100 crore and Rs. 500 crore or such limit as prescribed by the Ministry of Power from time to time, along with their mode of implementation under intimation to the Ministry of Power.

37. Since the Petitioner is already an inter-State transmission licensee and has been identified as an agency to implement the project as per RTM, in view of the peculiar facts and circumstances, as stated above, the Commission, in the exercise of power under Regulation 24, hereby relaxes the provision of Regulation 6 of the Transmission Licence Regulations and holds that the Petitioner is eligible for the grant of a separate transmission licence. We hereby 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 grant a transmission licence aforesaid. The objections or suggestions, if any, shall be filed by any person before the Commission by 28.3.2024.

4. A public notice under Sub-section (5) of Section 15 of the Act was published on 21.3.2024 in all editions of the Times of India (English) and Hindustan (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 a hearing on 10.04.2024. 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. Accordingly, it was requested that a separate transmission licence be granted to the Petitioner Company. The representative of CTUIL further submitted that CTUIL has already recommended the grant of the transmission licence.

6. CTUIL has submitted that as per directions of the Commission, CTUIL, vide its letter dated 15.12.2023, has requested the Ministry of Power to clarify the requirement of approval of the Central Government to transmission schemes under the Transmission System Planning Rules, 2021 for the Projects costing up to Rs. 500 crore approved by NCT/CTUIL as per the Ministry's Order dated 26.10.2021. Any directions or observations received from the Ministry of Power in this regard shall be placed before the Commission. Considering the submissions, CTUIL is directed to place on record the response received from the Ministry of Power as and when it is received. Meanwhile, we proceed to grant the transmission licence to the Petitioner Company so that the construction work of the transmission line may not be delayed.

7. As regards the grant of the 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."

8. In our order dated 13.3.2024, we had proposed to grant a transmission licence to the Petitioner company and directed for the issuance of public notice. In response to the public notice, no suggestions/ objections have been received. CTUIL, vide its letters dated 27.9.2023 and 12.2.2024, has recommended the grant of a transmission licence to the Petitioner. The Commission, in its order dated 13.3.2024, had observed that the Petitioner does not fulfil the eligibility conditions for the grant of a transmission licence. Since, in the present case, the Petitioner is a transmission licensee that has already implemented the project defined under its scope through the TBCB mechanism, and the present Petition is consequent to the office order 28.10.2021 notified by the Ministry of Power Government of India, the Commission, vide said order dated 13.3.2024 relaxed the provision of Regulation 6 of the Transmission Licence Regulations and held that the Petitioner is eligible for the grant of a transmission licence. Considering the submissions of the Petitioner and CTUIL, we, accordingly, direct that the transmission licence be granted to the Petitioner, POWERGRID Ramgarh Transmission Limited, to establish the transmission scheme through the RTM route as per the details given in paragraph 1 above.



9. 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, 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 and

(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.

10. The Central Electricity Authority/ CTUIL 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 Act and the Transmission Licence Regulations.

11. Let an extract copy of this order be sent to the Central Government in the Ministry of Power and the Central Electricity Authority in terms of sub-section (7) of Section 15 of the Electricity Act, 2003, for their information and record.



12. Petition No. 293/TL/2023 is allowed in terms of the above.

Sd/-
(Arun Goyal)
Member

sd/-
(Jishnu Barua)
Chairperson





Annexure -4

सेंट्रल ट्रांसमिशन यूनिलिटी ऑफ इंडिया लिमिटेड
(पावर ग्रीड कॉर्पोरेशन ऑफ इंडिया लिमिटेड से शामिल 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/00/17th CGTP

22nd March 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 26.10.2021 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.	Augmentation of Transformation Capacity at 400/220kV Kankrol (PG) S/s in Rajasthan by 400/220kV, 1x500 MVA ICT (4 th)	Power Grid Corporation of India Ltd.
2.	Replacement of 400/220kV, 315 MVA ICT-3 with 400/220kV, 500 MVA ICT at 400/220/66 kV Bawana (DTL) substation	Power Grid Corporation of India Ltd.
3.	Augmentation of Transformation Capacity at 400/220kV New Wanpoh (PG) S/s in Jammu & Kashmir by 400/220kV, 1x315 (3x105MVA) MVA ICT (3 rd)	Power Grid Corporation of India Ltd.
4.	Implementation of 1 no. of 220 kV line bay at 400/220 kV Falehgarh-III PS (Sec-1) for interconnection of BESS of JSW Renew Energy Five Ltd.	POWERGRID Ramgarh Transmission Ltd. (a subsidiary of Power Grid Corporation of India Ltd.)
Western Region		
5.	Augmentation of Transformation Capacity at 400/220 kV Bolar substation in Maharashtra by 400/220 kV, 1x500 MVA (5 th) ICT	Power Grid Corporation of India Ltd.
Southern Region		
6.	Augmentation of transformation capacity at 400/230kV Tuticorin-II GIS PS in Tamil Nadu by 500 MVA, 400/230kV ICT (6 th) to meet N-1 reliability of RE Pooling Station	Power Grid Corporation of India Ltd.
7.	Augmentation of transformation capacity at 400/220kV NP Kurta PS in Andhra Pradesh by 1x500 MVA, 400/220kV ICT (5 th) and implementation of common facility works for providing connectivity to RE generation projects	Power Grid Corporation of India Ltd.
8.	Implementation of 3 nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects	Ananthapuram Kumool Transmission Ltd. (a subsidiary of Power Grid Corporation of India Ltd.)



9.	Implementation of 1 no. of 230kV line bay at Pugalur (Existing) 400/230kV S/s for integration of RE generation project (M/s Tata Power Renewable Energy Ltd.)	Power Grid Corporation of India Ltd.
North Eastern Region		
10.	North Eastern Region Expansion Scheme-XXIV (NERES-XXIV)	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:

<p>1. The Chairman & Managing Director Power Grid Corporation of India Ltd., Saudamini, Plot No. 2, Sector-29, Gurgaon- 122 001</p>	<p>2. POWERGRID Rangarh Transmission Ltd. (a subsidiary of Power Grid Corporation of India Ltd.) Saudamini, Plot No. 2, Sector-29, Gurgaon – 122009.</p>
<p>3. Ananthapuram Kurnool Transmission Ltd. (a subsidiary of Power Grid Corporation of India Ltd.) Saudamini, Plot No. 2, Sector-29, Gurgaon – 122009.</p>	

Copy to:

<p>1. Shri Rakesh Goyal Chief Engineer & Member Secretary (NCT) Central Electricity Authority Sewa Bhawan, R. K. Puram, New Delhi-110 066.</p>	<p>2. Shri Om Kant Shukla Director (Trans) Ministry of Power, Sewa Shakti Bhawan, Rafi Marg, New Delhi 110 001</p>
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CC:

<p>1. Director (Operations) Delhi Transco Ltd. Shakti Sadan, Kotla Road, New Delhi-110 002 dir_opr@dlf.gov.in; pramed@dlf.gov.in;</p>	For kind information, please.
<p>2. Chief Engineer JKPTCL, Kashmir PDD Complex, Bemina Srinagar-190010 jkptcl-md@jktcl1@gmail.com; Sesandocr1mu@gmail.com</p>	For kind information, please.
<p>3. Director (Technical) Rajasthan Rajya Vidyut Prasaran Nigam Ltd., Vidyut Bhawan, Jaipur, Rajasthan-302005. rvpn-dir.tech@rvpn.co.in; xen2.pp@rvpn.co.in; www.rvsn.co.in</p>	For kind information, please.
<p>4. Managing Director Assam Electricity Grid Corporation Limited Bijulee Bhawan, Paltan Bazar Guwahati (Assam) – 781001 managing_director@aegcl.co.in</p>	With a request to take up implementation of AEGCL scope in matching time-frame of North Eastern Region Expansion Scheme-XXIV (NERES-XXIV).



Northern Region**1. Augmentation of Transformation Capacity at 400/220kV Kankroli (PG) S/s in Rajasthan by 400/220kV, 1x500MVA ICT (4th)**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Augmentation of Transformation Capacity at 400/220kV Kankroli (PG) S/s in Rajasthan by 400/220kV 1x500MVA ICT(4 th) along with associated 220 kV transformer bay* *incl. extension of 220 kV side of ICT through 220 kV Cable/GIB	<ul style="list-style-type: none"> • 500 MVA, 400/220 kV ICT- 1 no. • 220 kV ICT bay – 1 no. • 220kV GIS Bus duct – 850m approx. 	18 months from date of issuance of OM by CTUIL
2.	Shifting of existing 50 MVAr Bus reactor [so as to accommodate 4 th ICT] and development of 400kV bay for reactor.	<ul style="list-style-type: none"> • 400kV bay for existing 50MVAr Bus Reactor – 1 no. 	
Total Estimated Cost:			₹ 69.55 Crore

2. Replacement of 400/220kV, 315MVA ICT-3 with 400/220kV, 500 MVA ICT at 400/220/66kV Bawana (DTL) substation

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Replacement of 400/220kV, 315 MVA ICT-3 with 400/220kV, 500 MVA ICT at 400/220/66 kV Bawana (DTL) substation	500 MVA, 400/220 kV ICT - 1 no.	18 months from the date of issuance of OM by CTUIL
Total Estimated Cost:			₹ 40.5 Crore

Note:

- a. Present scope of work involves ICT replacement with 400/220kV 500MVA ICT for which existing 400kV & 220kV ICT bays shall be utilized.

3. Augmentation of Transformation Capacity at 400/220kV New Wanpoh (PG) S/s in Jammu & Kashmir by 400/220kV, 1x315MVA (3x105MVA) ICT (3rd)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Augmentation of Transformation Capacity at 400/220kV New Wanpoh (PG) S/s in Jammu & Kashmir by 400/220kV, 1x315 MVA ICT (3rd) (3x105MVA single phase units) along with associated transformer bays	315 MVA, 400/220 kV ICT (3x105 MVA single phase units)- 1 no. 400 kV ICT bay (AIS) – 1 no. (in existing dia) 220 kV ICT bay (AIS) – 1 no.	31.12.2025
Total Estimated Cost:			₹ 61 Crore

4. Implementation of 1 no. of 220 kV line bay at 400/220 kV Fatehgarh-III PS (Sec-1) for interconnection of BESS of JSW Renew Energy Five Ltd.

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	1 no. of 220kV line bay at 400/220kV Fatehgarh-III PS (Sec-1) for interconnection of JSW Renew Energy Five Ltd. BESS Project (Connectivity App No. 0212100040- 250 MW)	220kV line bay – 1 no.	30.06.2025
Total Estimated Cost:			₹ 5.94 Crore

Note:

- a. At 220 kV Fatehgarh-III PS (Sec-1), future line bay (no. 218) is allocated to M/s JSW Renew Energy Five Ltd. (Connectivity Appl. No. 212100040)

Western Region

5. Augmentation of Transformation Capacity at 400/220 kV Boisar substation in Maharashtra by 400/220 kV, 1x500 MVA (5th) ICT

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Augmentation of Transformation capacity at 400/220kV Boisar S/s in Maharashtra by 400/220kV 1x500MVA ICT (5 th)	• 400/220kV, 500MVA ICT-1 No. • 400kV ICT bay (AIS) – 1 No. • 220kV ICT bay (AIS) – 1 No.	18 months from date of issuance of OM by CTUIL
Total Estimated Cost:			₹ 49.87 Crore

Southern Region

6. Augmentation of transformation capacity at 400/230kV Tuticorin-II GIS PS in Tamil Nadu by 500 MVA, 400/230kV ICT (6th) to meet N-1 reliability of RE Pooling Station



Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Augmentation of transformation capacity at 400/230kV Tuticorin-II GIS PS in Tamil Nadu by 500 MVA, 400/230kV ICT (6th)	<ul style="list-style-type: none"> • 500 MVA, 400/230 kV ICT – 1 No. • 400kV ICT bays (GIS): 1 No. for ICT bay (in new dia. with 1 no. additional bay for diameter completion) (refer note a) • 230kV ICT bay (Hybrid MTS) – 1 No. • 400 kV GIS duct (m) – 280m approx. 	21 months from the date of issuance of OM by CTUIL
Total Estimated Cost:			₹ 79 Crore

Note:

- a. In view of GIS substation, one complete 400kV diameter with three Circuit Breakers (one and half switching scheme) shall be implemented at 400kV level for interconnection of ICT in one 400kV bay. Utilization of another 400kV bay of the diameter shall be identified in future.

7. Augmentation of Transformation Capacity at 400/220kV NP Kunta PS in Andhra Pradesh by 1x500MVA, 400/220kV ICT (5th) and implementation of common facility works for providing connectivity to RE generation projects.

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Augmentation of transformation capacity at 400/220kV NP Kunta PS by 1x500 MVA, 400/220kV ICT (5th)	<ul style="list-style-type: none"> • 500 MVA, 400/220 kV ICT – 1 No. • 400kV ICT bay- 1 No. • 220kV ICT bay- 1 No. 	18 months from the date of issuance of OM by CTUIL
2.	Implementation of common facility works at NP Kunta for providing connectivity to RE generation projects	• 220kV bus works for 6 nos. bays – 1 set	12 months from the date of issuance of OM by CTUIL
Total Estimated Cost:			₹ 52.24 Crore

8. Implementation of 3 nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	2 nos. of 400kV line bays at Ananthapuram PS for Connectivity to M/s Renew Vikram Shakti Pvt. Ltd.	• 400kV line bays – 2 Nos.	31.03.2026
2.	1 no. of 400kV line bay at Ananthapuram PS for Connectivity to M/s ABC Cleantech Pvt. Ltd.	• 400kV line bays – 1 No.	31.03.2026



Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
Total Estimated Cost:			₹ 45.64 Crore

9. Implementation of 1 no. of 230kV line bay at Pugalur (Existing) 400/230kV S/s for integration of RE generation project (M/s Tata Power Renewable Energy Ltd.)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	1 no. 230kV line bay at Pugalur(Existing) 400/230kV S/s for Connectivity to M/s Tata Power Renewable Energy Ltd.	• 230kV line bay - 1 No.	01.03.2026
Total Estimated Cost:			₹ 6.08 Crore

North-Eastern Region

10. North-Eastern Region Expansion Scheme-XXIV (NERES-XXIV)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Reconductoring of Khandong (NEEPCO) – Halflong (POWERGRID) 132kV S/c line [excluding the LLO portion of this line at Umrangshu (AEGCL) S/s, which is owned by AEGCL] with Single HTLS conductor of ampacity 600A (at nominal voltage level) <i>Note: Reconductoring of LLO portion of this line along with replacement of CTs of 132kV line bays of the LLO line at Umrangshu (AEGCL) S/s is to be taken up by AEGCL under intra-state scheme.</i>	63.036km	18 months from the date of issuance of OM by CTUIL (refer note a)
2.	Reconductoring of Halflong (POWERGRID) – Jiribari (POWERGRID) 132kV S/c line with Single HTLS conductor of ampacity 600A	100.63km	
Total Estimated Cost:			₹ 39.38 Crore

Note:

- a. Best efforts shall be made to implement the transmission scheme within 15 months from the date of issuance of OM by CTUIL.



**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Petition No. 181/TL/2023

Coram:

**Shri Jishnu Barua, Chairperson
Shri Arun Goyal, Member
Shri P.K. Singh, Member**

Date of order: 28th January, 2024

In the matter of:

Application under Section 14 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, 2009 for grant of a separate transmission license to POWERGRID Bikaner Transmission System Limited for the "Implementation of 1 no. of 220 kV line bay at 400/220 kV Bikaner-II PS for interconnection of solar project (NHPC Ltd.)", "Implementation of 2 nos. of 220 kV line bays at 400/220 kV Bikaner-II PS for interconnection of RE power park of ALF Solar Amarsar Pvt. Ltd." , "Transmission system for evacuation of power from the Rajasthan REZ Ph IV (Part-1) (Bikaner Complex) Part-E " and "Augmentation of transformation capacity at 400/220 kV Bikaner-II PS by 400/220 kV, 1 X 500 MVA ICT (3rd)" through "Regulated Tariff Mechanism" (RTM) mode.

And

In the matter of

POWERGRID Bikaner Transmission System 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 122001, Haryana

...Petitioner

Vs

1. The Chairman,
U.P. Power Corporation Limited,
Import Export Payment Circle, 14th Floor,
Shakti Bhawan Extension Building, 14, Ashok Marg,
Lucknow, UP.

2. The Chief Engineer,
Haryana Power Purchase Centre,
Shakti Bhawan, Energy Exchange Room No. 446,



Top Floor, Sector - 6,
Panchkula - 134 109, Haryana

3. The Chairman & Managing Director,
Punjab State Power Corporation Limited,
Shed No. T-1 A, Thermal Design,
Near 22 No. Phatak, Patiala, Punjab

4. The Chairman,
Jaipur Vidyut Vitran Nigam Limited,
Vidyut Bhawan, Janpath, Jaipur - 302 005.

5. The Chairman,
Ajmer Vidyut Vitran Nigam Limited,
Vidyut Bhawan, Panchsheel Nagar,
Makarwali Road, Ajmer - 305004

6. The Chairman,
Jodhpur Vidyut Vitran Nigam Limited,
New Power House, Industrial Area,
Jodhpur - 342003.

7. The Principal Secretary (Power),
Power Development Department,
Govt. of J&K Govt. of Jammu & Kashmir
SLDC Building, 1st Floor, Gladani Power House,
Narwal, Jammu

8. Chief Electrical Distribution Engineer,
North Central Railway, Subedar Ganj,
Allahabad, Uttar Pradesh

9. The Chief Executive Officer,
BSES Yamuna Power Limited,
2nd Floor, B Block, Shakti Kiran Bldg.,
Karkardooma, New Delhi - 110092

10. The Chief Executive Officer,
BSES Rajdhani Power Limited,
BSES Bhawan, 2nd Floor, B Block,
Nehru Place, New Delhi - 110 019

11. CEO & ED,
Tata Power Delhi Distribution Limited,
NDPL House, Hudson Lines,
Kingsway Camp, Delhi - 110 009



12. The Director (Commercial),
New Delhi Municipal Corporation NDMC,
Palika Kendra, Sansad Marg,
New Delhi – 110 001

13. The Superintending Engineer,
Electricity Wing of Engineering Department,
Union Territory of Chandigarh, Electricity OP Circle,
UT – Chandigarh

14. The Executive Director (Commercial),
Uttarakhand Power Corporation Limited,
UPCL, Urja Bhawan, Kanwali Road, Balliwala Chowk,
Dehradun-248001, Uttarakhand.

15. Tata Power Green Energy Limited,
34, Sant Tukaram Road, Carnac Bunder,
Masjid Bunder (E), Mumbai -400009

16. The Chief Engineer,
Power System Project Monitoring Division,
Central Electricity Authority,
Sewa Bhawan, R. K. Puram,
Sector-1, New Delhi - 110 066

17. The Chief Operating Officer,
Central Transmission Utility,
Saudamini, Plot no.2, Sector -29,
Gurgaon, Haryana

...Respondents

The following were present:

Shri Prashant Kumar, PBTSL
Shri Abhijit Daimari, PBTSL
Shri Yatin Sharma, CTUIL
Shri Siddharth Sharma, CTUIL
Shri Akshyvat Kislay, CTUIL
Shri Lashit Sharma, CTUIL

ORDER

The Petitioner, POWERGRID Bikaner Transmission System Limited, (in Short 'PBTSL'), has filed the present Petition under Section 14 and of the Electricity Act, 2003 (hereinafter referred to as 'the Act') read with the provisions of the Central Electricity



Regulatory Commission (Terms and Conditions for grant of Transmission Licence and other related matters) Regulations, 2009 (hereinafter referred to as 'the Transmission Licence Regulations') for the grant of a separate transmission licence for the implementation of 1 no. of 220 kV line bay at 400/220 kV Bikaner-II PS for inter-connection of a solar project (NHPC Limited), implementation of 2 nos. of 220 kV line bays at 400/220 kV Bikaner-II PS for inter-connection of RE power park of ALF Solar Amarsar Pvt. Ltd., Transmission system for evacuation of power from the Rajasthan REZ Ph IV (Part-1) (Bikaner Complex) Part-E and Augmentation of transformation capacity at 400/220 kV Bikaner-II PS by 400/220 kV, 1 X 500 MVA ICT (3rd) on Regulated Tariff Mechanism mode (hereinafter referred to as the 'transmission scheme/project'). The scope of the project for which a transmission licence has been sought is as under:

(a) Implementation of 1 no. of 220 kV line bay at 400/220 kV Bikaner-II PS for interconnection of the solar project (NHPC Ltd.):

S no	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1	1 no. of 220 kV line bay at 400/220 kV Bikaner-II PS for interconnection of RE project (NHPC Ltd.)	• 220 kV line bay – 1 no. (refer to note a)	15 months from the issue of OM by CTUIL, i.e. 27.2.2024
2	Implementation of 220 kV bus sectionalizer along with bus coupler and transfer bus coupler at 400/220kV Bikaner-II PS	220kV bus sectionalizer bay - 1 Set 220 kV bus coupler bay -1 No. 220 kV transfer bus coupler bay - 1 No. Bus works for future bays (4 nos. of line bays & 3 nos. of ICT bays)	
Total Estimated Cost:			Rs.29.21 crore



Note:

a) At 220 kV Bikaner-II, future line bays in Section-C are proposed to be allocated to RE developers with bays in the developer's scope (no. 230-231) and ISTS scope (no. 26-227). Accordingly, 220 kV bus works may also be suitably taken up under the above scope.

(b) Implementation of 2 nos. of 220 kV line bays at 400/220 kV Bikaner-II PS for interconnection of RE power park of ALF Solar Amarsar Pvt. Ltd.:

Sl. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	2 no. of 220 kV line bays at 400/220 kV Bikaner-II PS for interconnection of RE power park of M/s ALF Solar Amarsar Pvt. Ltd.	• 220 kV line bay – 2 nos.	30.06.2024
Total Estimated Cost:			INR 11.68 Crore

(c) Transmission system for evacuation of power from the Rajasthan REZ Ph-IV (Part-1) (Bikaner Complex) - Part-E:

S. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	Augmentation with 5X500 MVA, 400/220 kV ICTs at Bikaner-II PS	400/220 kV, 500 MVA ICT – 5 nos. 400 kV ICT bays – 5 nos. 220 kV ICT bays - 5 nos	4x500MVA, 400/220kV ICTs: 31.12.2024 1x500MVA, 400/220kV ICT: 31.1.2025
Total Estimated Cost:			INR 368 Crore**

** This inter-alia includes the cost of 02 other transmission assets being constructed by POWERGRID at Bikaner (PG) & Kotputli (PG) sub-stations.

(d) Augmentation of transformation capacity at 400/220 kV Bikaner-II PS by 400/220 kV, 1X500 MVA ICT (3rd)

S. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	Augmentation of transformation capacity at 400/220 kV Bikaner-II PS by 400/220 kV, 1X500 MVA ICT (3 rd) along with associated transformer	500 MVA, 400/220 kV ICT – 1 no. 400 kV ICT bay (including associated tie bay) – 1 no. 220 kV ICT bays - 1	18 months from the issue of OM by CTUIL, i.e. 7.12.2024



bays*	no.	
*1 no. of 400kV (AIS) (including associated tie bay) and 1 no. of 220 kV (AIS) transformer bay		
Total estimated cost:		Rs. 55.82 crore

2. PBTSL was incorporated as a special purpose vehicle by PFC Consulting Limited (PFCCL) as part of the Tariff Based Competitive Bidding ('TBCB') process for implementing the 'Transmission System Strengthening Scheme for Evacuation of Power from Solar Energy Zones in Rajasthan (8.1 GW) under Phase II-Part F' on a Build, Own, Operate, and Maintain (BOOM) basis. Power Grid Corporation of India (PGCIL) Limited participated in the competitive bidding process conducted by PFCCL, and upon emerging as the successful bidder, a Letter of Intent (LOI) was issued by PFCCL to PGCIL on 16.2.2021. In accordance with the bidding documents, PGCIL acquired 100% of the shareholding in PBTSL by executing a Share Purchase Agreement with PFCCL on 25.3.2021. PBTSL entered into a Transmission Service Agreement (TSA) with LTTCs on 16.10.2020. The Commission, in its order dated 15.7.2021 in Petition No. 99/TL/2021, granted a transmission licence to PBTSL for inter-State transmission of electricity to establish the 'Transmission System Strengthening Scheme for Evacuation of Power from Solar Energy Zones in Rajasthan (8.1 GW) under Phase II-Part F' on a Build, Own, Operate, and Maintain ('BOOM') basis consisting of the following elements.

Sr.	Name of the Transmission Element	Scheduled COD in months from Effective Date
1.	Establishment of 400 kV switching station at Bikaner-II PS with 420kV (2x125 MVAR) bus reactor 400 kV line bays – 4 nos. 125 MVAR, 420 kV bus reactor - 2 nos.	18 months from effective date or June, 2022, whichever is



Sr.	Name of the Transmission Element	Scheduled COD in months from Effective Date
	400 kV bus reactor bay – 2 nos. 400 kV, 80MVAR line reactor on each circuit at Bikaner-II end of Bikaner-II – Khetri 400 kV 2xD/c Line – 4 nos. Switching equipment for 400 kV switchable line reactor – 4 nos. <u>Future provisions:</u> Space for 400/220 kV ICTs along with bays – 10 nos. 400 kV line bays – 6 nos. 220 kV line bays – 16 nos. 420 kV reactors along with bays – 2 nos. Suitable bus sectionaliser arrangement at 400 kV and 220 kV	later*
2.	Bikaner-II PS – Khetri 400 kV 2xD/c line (Twin HTLS* on M/c Tower)	
3.	1x80MVAR Fixed Line reactor on each circuit at Khetri end of end of Bikaner-II – Khetri 400 kV 2xD/c Line - 4 nos.	
4.	4 nos. of 400 kV line bays at Khetri for Bikaner -II PS – Khetri 400kV 2xD/c line	
5.	Khetri-Bhiwadi 400 kV D/c line (Twin HTLS)*	
6.	2 nos. of 400 kV line bays at Khetri for Khetri - Bhiwadi 400kV D/c line	
7.	2 nos. of 400 kV(GIS) line bays at Bhiwadi for Khetri-Bhiwadi 400 kV D/c line	
8.	STATCOM at Bikaner-II S/s± 300 MVAR, 2x125 MVAR MSC, 1x125 MVAR MSR	

*With a minimum capacity of 2100 MVA on each circuit at a nominal voltage

3. The Commission has already granted a transmission licence to POWERGRID Bikaner Transmission System Limited under RTM mode vide its order dated 21.11.2022 in Petition No. 137/TL/2022 with the following scope of works.



"Implementation of 220 kV bays for RE generators and 400/220kV ICTs at Bikaner-II PS"

S. No.	Scope of the Transmission Scheme	Capacity	Implementation timeframe
1.	2x500 MVA, 400/220 kV ICT at Bikaner-II PS	400/220 kV, 500 MVA ICT - 2 nos. 400 kV ICT bays - 2 nos. 220 kV ICT bays - 2 nos.	ICT-I: March, 2023 ICT-II: April, 2023
2.	4 nos. 220 kV line bays	220 kV line bays - 4 nos.	1 no. of bay: March, 2023 1 no. of bay: April, 2023 2 nos. of bays: December, 2023

(ii) **Implementation of 1 no. of 400 kV line bay at 400/220 kV Bikaner-II PS for interconnection of 1000 MW Solar Project of SJVN Ltd.**

S. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	1 no. of 400 kV line bay at 400/220kV Bikaner-II S/s for interconnection of 1000 MW Solar Project of SJVN Ltd.	400 kV line bay- 1 No.	1.10.2023

(iii) **Implementation of 2 no. of 220 kV line bays at 400/220 kV Bikaner-II PS for interconnection of solar projects (ACME Solar Holdings Pvt. Ltd., Prerak Greentech Pvt. Ltd.).**

S. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	2 nos. of 220 kV line bays at 400/220 kV Bikaner-II PS for interconnection of RE projects (ACME Solar Holdings Pvt Ltd., Prerak Greentech Pvt. Ltd.)	220 kV line bay – 2 Nos. (refer to note a)	15 months from the issue of OM by CTUIL
2.	Implementation of 220 kV Bus sectionalizer along with bus coupler and transfer bus coupler at 400/220kV Bikaner-II PS	220kV Bus Sectionalizer Bay-1 Set 220 kV Bus Coupler Bay -1 No. 220 kV Transfer Bus	



		Coupler Bay-1 No. Bus extension works for future Bays (3 Nos. of Line Bays & 3 Nos. of ICT Bays) -1Set	
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Note:

a) At 220 kV Bikaner-II, future line bays (no.214/216/218) in Section-B are allocated to RE developers with bays in the RE developer's Scope.

4. Subsequently, the Petitioner filed an amended Petition for the grant of a separate licence for the additional scope of works assigned by CTUJL, vide OMs dated 28.11.2022, 17.1.2023, 16.2.2023, and 8.6.2023. Regarding the grant of a separate transmission licence for the implementation of 1 no. of 220 kV line bay at 400/220 kV Bikaner-II PS for inter-connection of a solar project NHPC Limited, implementation of 2 nos. of 220 kV line bays at 400/220 kV Bikaner-II PS for inter-connection of RE power park of ALF Solar Amarsar Pvt. Ltd., transmission system for the evacuation of power from the Rajasthan REZ Ph IV (Part-1) (Bikaner Complex) Part-E and Augmentation of transformation capacity at 400/220 kV Bikaner-II PS by 400/220 kV, 1 X 500 MVA ICT (3rd) on the Regulated Tariff Mechanism (RTM) mode³⁰ as described in paragraph 1 of the order, the Commission, after considering the application of the Petitioner in light of the provisions of the Act and the Transmission Licence Regulations, vide its order dated 13.11.2023, *prima facie* proposed to grant a transmission licence to the Petitioner. The relevant extract of the order dated 13.11.2023 is extracted as under.

"30. In the present case, the Petitioner does not fulfil any of the eligibility conditions for the grant of a transmission licence. However, in the 6th meeting of the National Committee on Transmission, it was indicated that, as per the revised Terms of Reference issued by the Ministry of Power, Government of India, ISTS projects costing up to Rs. 100 crore or such limit as may be prescribed by the



Ministry of Power from time to time would be approved by CTUIL, including its mode of implementation. The scheme has been identified for implementation through RTM mode by CTUIL. The non-grant of a transmission licence to any agency nominated by NCT to implement a transmission scheme through a regulated tariff mechanism in view of the provisions of Regulation 6 defeats the purpose of the Policy decision of the Government. We are of the view that, considering the strategic importance of the transmission line, it is a fit case for a relaxation of the provisions of Regulation 6 by invoking the power vested under Regulation 24 of the Transmission Licence Regulations.

31. Regulation 24 of the Transmission Licence Regulations, dealing with the power to relax in appropriate cases, provides as under:

"24. The Commission may, when it considers necessary or expedient to do so and for reasons to be recorded in writing, relax or depart from any of the provisions of these regulations".

32. It is an established principle of law that the power to relax has to be strictly construed and is to be exercised judiciously and with caution. Further, the power to relax is to be exercised only when undue hardship is caused by the application of the rules or regulations. In the present case, the Petitioner is a transmission licensee who is already implementing the project defined under its scope through the TBCB mechanism. The present Petition is consequent to the office order 28.10.2021 notified by the Ministry of Power, Government of India, wherein CTUIL has been authorized to determine the mode of implementation of ISTS projects less than or equal to Rs.100 crore.

33. Since the Petitioner is already an inter-State transmission licensee and has been identified as an agency to implement the project as per RTM, the Commission, in the exercise of power under Regulation 24, hereby relaxes the provision of Regulation 6 of the Transmission Licence Regulations and holds that the Petitioner is eligible for the grant of a transmission licence. We, hereby, 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 grant a transmission licence aforesaid. The objections or suggestions, if any, shall be filed by any person before the Commission, by 22.11.2023."

4. A public notice under Sub-section (5) of Section 15 of the Act was published on 21.11.2023 in all editions of the Times of India (English) and Dainik Jagran (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 hearing on 28.11.2023. The learned counsel for the Petitioner submitted that no objection has been received in response to the public notice published by the Commission under sub-section (5) of Section 15 of the Act. Accordingly, it was requested that a transmission licence be granted to the Petitioner Company. The representative of the CTUIL further submitted that CTUIL has already recommended the grant of the transmission licence.

6. Vide Record of Proceedings for the hearing dated 28.11.2023, the CTUIL was directed to furnish its comments/submissions with regard to the compliance of Rule 3(5) of Transmission System Planning Rules and to submit a copy of the approval of the Central Government for the transmission scheme covered in the instant Petition, in terms of the said Rules, 2021 notified by the Ministry of Power on 1.10.2021 on an affidavit within a week. CTUIL, vide its affidavit dated 15.1.2024, has submitted that the National Committee on Transmission ("NCT") was reconstituted vide Ministry of Power Office Order dated 28.10.2021 as per the decision made in a meeting held under the Chairmanship of the Hon'ble Minister of Power & NRE on 5.10.2021 to discuss the transmission related issues for renewable energy. In the aforementioned order, it was directed that (a) for the STS Projects costing more than Rs. 500 crore, NCT shall recommend to the Ministry of Power for the implementation of such projects along with their mode of implementation, (B) for ISTS Projects costing between Rs. 100 crore to Rs. 500 crore, NCT shall approve such projects along with their mode of implementation under intimation to the Ministry of Power, (c) for ISTS Projects costing less than or equal to Rs. 100 crore, CTUIL will approve such projects along with their mode of implementation under intimation to NCT



and MoP. CTUIL has further submitted that accordingly, in line with the above order of the Ministry of Power, CTUIL awarded the transmission scheme covered under the instant Petition to the Petitioner. However, as per directions of the Commission, CTUIL, vide its letter dated 15.12.2023 has requested the Ministry of Power to clarify the requirement of approval of the Central Government to transmission schemes under the Transmission System Planning Rules, 2021 for the Projects costing up to Rs. 500 crore approved by NCT/CTUIL as per the Ministry's Order dated 28.10.2021. Any directions or observations received from the Ministry of Power in this regard shall be placed before the Commission. Considering the submissions, CTUIL is directed to place on record the response received from the Ministry of Power as and when it is received. Meanwhile, we proceed to grant the transmission licence to the Petitioner Company so that the construction work of the transmission line may not be hampered.

7. As regards the grant of the 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."



8. In our order dated 13.11.2023, we had proposed to grant the transmission licence to the Petitioner company and directed the issue of public notice, against which no suggestions/objections have been received as stated above. Further, CTUIL, in its letters dated 21.6.2023 and 22.8.2023, has recommended the grant of a transmission licence to the Petitioner. The Commission, in its order dated 13.11.2023, had observed that the Petitioner fulfils the eligibility conditions for the grant of a transmission licence. Since, in the present case, the Petitioner is a transmission licensee that is already implementing the project defined under its scope through the TBCB mechanism, and the present Petition is consequent to the office order 28.10.2021 notified by the Ministry of Power Government of India, the Commission, vide said order dated 13.11.2023 relaxed the provision of Regulation 6 of the Transmission Licence Regulations and held that the Petitioner is eligible for the grant of a transmission licence. Considering the strategic importance of the transmission line, we, accordingly, direct that the transmission licence be granted to the Petitioner, POWERGRID Bikaner Transmission System Limited, to establish the transmission scheme through the RTM route as per the details given in paragraph 1 above.

9. Considering the above, it is hereby directed that the existing transmission licence of PBTSL granted vide Order in Petition No. 137/TL/2022 dated 21.11.2022 under RTM mode may be amended to include the assets covered in the instant Petition. Accordingly, the transmission licence granted to POWERGRID Bikaner Transmission System Limited under RTM mode shall comprise the following scope of works:

- (i) ***"Implementation of 220 kV bays for RE generators and 400/220kV ICTs at Bikaner-II PS"***

S. No.	Scope of the Transmission Scheme	Capacity	Implementation timeframe
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Order in Petition No. 181/TL/2023

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1.	2x500MVA, 400/220 kV ICT at Bikaner-II PS	400/220 kV, 500 MVA ICT - 2 nos. 400 kV ICT bays - 2 nos. 220 kV ICT bays - 2 nos.	ICT-I: Mar' 2023 ICT-II: Apr' 2023
2.	4 nos. 220 kV line bays	220 kV line bays - 4 nos.	1 no. of bay: Mar'2023 1 no. of bay: Apr'2023 2 no. of bays: Dec'2023

(ii) Implementation of 1 no. of 400 kV line bay at 400/220 kV Bikaner-II PS for interconnection of 1000 MW Solar Project of SJVN Ltd.

S. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	1 no. of 400 kV line bay at 400/220kV Bikaner-II S/s for interconnection of 1000 MW Solar Project of SJVN Ltd.	400 kV line bay- 1 No.	01.10.2023

(iii) Implementation of 2 no. of 220 kV line bays at 400/220 kV Bikaner-II PS for interconnection of solar projects (ACME Solar Holdings Pvt. Ltd., Prerak Greentech Pvt. Ltd.).

S. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	2 nos. of 220 kV line bays at 400/220 kV Bikaner-II PS for interconnection of RE projects (ACME Solar Holdings Pvt Ltd., Prerak Greentech Pvt. Ltd.)	220 kV line bay – 2 Nos. (refer to note a)	15 months from the issue of OM by CTUIL
2.	Implementation of 220 kV Bus sectionalizer along with bus coupler and transfer bus coupler at 400/220kV Bikaner-II PS	220kV Bus Sectionalizer Bay-1 Set 220 kV Bus Coupler Bay -1 No. 220 kV Transfer Bus Coupler Bay-1 No. Bus extension works for future Bays (3 Nos. of Line Bays & 3 Nos. of ICT Bays) -1Set	

Note:



b) At 220 kV Bikaner-II, future line bays (no.214/216/218) in Section-B are allocated to RE developers with bays in the RE developer's Scope.

(iv) Implementation of 1 no. of 220 kV line bay at 400/220 kV Bikaner-II PS for interconnection of the solar project (NHPC Ltd.):

S. no.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1	1 no. of 220 kV line bay at 400/220 kV Bikaner-II PS for interconnection of RE project (NHPC Ltd.)	220 kV line bay – 1 no. (refer to note a)	15 months from the issue of OM by CTUIL, i.e. 27.2.2024
2	Implementation of 220 kV bus sectionalizer along with bus coupler and transfer bus coupler at 400/220kV Bikaner-II PS	220kV bus sectionalizer bay - 1 Set 220 kV bus coupler bay -1 No. 220 kV transfer bus coupler bay - 1 No. Bus works for future bays (4 nos. of line bays & 3 nos. of ICT bays)	
Total Estimated Cost:			Rs.29.21 crore

Note:

a) At 220 kV Bikaner-II, future line bays in Section-C are proposed to be allocated to RE developers with bays in the developer's scope (no. 230-231) and ISTS scope (no. 26-227). Accordingly, 220 kV bus works may also be suitably taken up under the above scope.

(v) Implementation of 2 nos. of 220 kV line bays at 400/220 kV Bikaner-II PS for interconnection of RE power park of ALF Solar Amarsar Pvt. Ltd.:

Sl. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	2 no. of 220 kV line bays at 400/220 kV Bikaner-II PS for interconnection of RE power park of M/s ALF Solar Amarsar Pvt. Ltd.	• 220 kV line bay – 2 nos.	30.06.2024

(vi) Transmission system for evacuation of power from the Rajasthan REZ Ph-IV (Part-1) (Bikaner Complex) - Part-E:



S. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	Augmentation with 5X500 MVA, 400/220 kV ICTs at Bikaner-II PS	400/220 kV, 500 MVA ICT – 5 nos. 400 kV ICT bays – 5 nos. 220 kV ICT bays - 5 nos.	4x500MVA, 400/220kV ICTs: 31.12.2024 1x500MVA, 400/220kV ICT: 31.1.2025

(vii) Augmentation of transformation capacity at 400/220 kV Bikaner-II PS by 400/220 kV, 1X500 MVA ICT (3rd)

S. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	Augmentation of transformation capacity at 400/220 kV Bikaner-II PS by 400/220 kV, 1X500 MVA ICT (3 rd) along with associated transformer bays*	500 MVA, 400/220 kV ICT – 1 no. 400 kV ICT bay (including associated tie bay) – 1 no. 220 kV ICT bays - 1 no.	18 months from the issue of OM by CTUIL, i.e. 7.12.2024
	*1 no. of 400kV (AIS) (including associated tie bay) and 1 no. of 220 kV (AIS) transformer bay		

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

(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.

11. The Central Electricity Authority/ CTUIL shall monitor the execution of the Project and bring to the notice of the Commission any lapse on the part of the licensee to meet the schedule for further appropriate action in accordance with the provisions of the Act and the Transmission Licence Regulations.

12. Let an extract copy of this order be sent to the Central Government in the Ministry of Power and the Central Electricity Authority in terms of sub-section (7) of Section 15 of the Electricity Act, 2003, for their information and record.

13. Petition No. 181/TL/2023 is allowed in terms of the above.

Sd/-
(P.K. Singh)
Member

sd/-
(Arun Goyal)
Member

sd/-
(Jishnu Barua)
Chairperson



Form-1

1. Particulars of the Petitioner

Sl No	Particulars	Particulars
i	Name of the Petitioner	POWERGRID Ramgarh Transmission Limited (Formerly known as Ramgarh New Transmission Limited)
ii	Status	Public Limited Company
	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, 2009 for amendment of existing RTM Transmission License to POWERGRID Ramgarh Transmission Limited for Implementation of 1 no. of 220 kV line bay at 400/220 kV Fatehgarh-III PS (Sec-1) for interconnection of BESS of JSW Renew Energy Five Ltd.
iii	Address of the Petitioner	B-9, Qutab Institutional Area, Katwaris Sarai, New Delhi - 110 016
iv	Name, Designation & Address of the contact person	Mr S K Mishra PROJECT INCHARGE, POWERGRID Ramgarh Transmission Limited (100% wholly owned subsidiary of Power Grid Corporation of India) C/o ED (TBCB) Power Grid Corporation of India Limited Saudamini, Plot no.2, Sector -29, Gurgaon 122001
v	Contact Tele. No.	9437159931
vi	Fax No.	-
vii	Email ID	saroj.mishra@powergrid.in
viii	Place of Incorporation / Registration	New Delhi, India
ix	Year of Incorporation / Registration	2020
x	Details of Fees Remitted	
	a) UTR No.	SBIN424123937255
	b) Date of Remittance	02.05.2024
	c) Amount Remitted	1,00,000
	Signature of the Authorized Signatory with Date	Mr. S K Mishra, PROJECT INCHARGE, PRTL



2. Particulars of the Project for which license is being sought:

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

As per the CTUIL OM C/CTU/AI/00/17th CCTP dated 22.03.2024; Implementation of 1 no. of 220 kV line bay at 400/220 kV Fatehgarh-III PS (Sec-1) for interconnection of BESS of JSW Renew Energy Five Ltd.

a. Transmission Lines : NIL

b. Sub-stations

S.No	Name (Location)	Voltage level	Transformer	Reactive/ capacitive compensation	No of bays
1	Fatehgarh-3 PS (new section*)	220 kV	NIL	NIL	220 kV - 01 no

c. Commissioning schedule: 30.06.2025

d. DfCs:

- 1 U.P. Power Corporation Limited
- 2 Ajmer Vidyut Vitran Nigam Limited
- 3 Jaipur Vidyut Vitran Nigam Limited
- 4 Jodhpur Vidyut Vitran Nigam Limited
- 5 Himachal Pradesh State Electricity Board
- 6 Punjab State Power Corporation Limited
- 7 Haryana Power Purchase Centre
- 8 Jammu Kashmir Power Corporation Limited
- 9 BSES Yamuna Power Limited
- 10 BSES Rajdhani Power Limited
- 11 TATA Power Delhi Distribution Limited
- 12 Electricity Wing of Engineering Department, Union Territory of Chandigarh



- 13 Uttarakhand Power Corporation Limited
- 14 New Delhi Municipal Council
- 15 North Central Railway

e. Any other relevant information : Nil

3. Levelised transmission charges : To be determined u/s 61, 62 of EA 2003

(a) Recommendation of selection
by the empowered committee

(b) Evaluation report made public
by the Bid Process Coordinator

} Not applicable



Signature of the Bidder

Date:

Place: **Jaisalmer**