

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

**Petition under Section 14 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission License and other related matters) Regulations, 2024 for amendment of existing RTM Transmission License to POWERGRID Ramgarh Transmission Limited to include transmission project “Augmentation of transformation Capacity at 400/220 kV Fatehgarh-III PS(Section-1) by 400/200 kV, 1x500 MVA ICT(5<sup>th</sup>)”.**

**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, 2024 for amendment of existing RTM Transmission License to POWERGRID Ramgarh Transmission Limited to include transmission project "Augmentation of transformation Capacity at 400/220 kV Fatehgarh-III PS(Section-1) by 400/200 kV, 1x500 MVA ICT(5th)".

**POWERGRID Ramgarh Transmission Limited .....PETITIONER**

**AND**

Uttar Pradesh Power Corporation Ltd.

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

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

And others

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**Filed by  
POWERGRID Ramgarh Transmission Limited**

**Represented by**

  
**PROJECT INCHARGE,  
POWERGRID Ramgarh Transmission Limited**

**Date:**

**Place: Jaisalmer**

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

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

And others

To,  
The Secretary,  
Central Electricity Regulatory Commission,  
6th, 7th & 8th Floors, Tower B, World Trade Centre,  
Nauroji Nagar, New Delhi- 110029.

Sir,

Petition under Section 14 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission License and other related matters) Regulations, 2024 for amendment of existing RTM Transmission License to POWERGRID Ramgarh Transmission Limited to include transmission project "Augmentation of transformation Capacity at 400/220 kV Fatehgarh-III PS(Section-1) by 400/200 kV, 1x500 MVA ICT(5th)" 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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To,  
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Central Electricity Regulatory Commission,  
6th, 7th & 8th Floors, Tower B, World Trade Centre,  
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**MEMO OF PARTIES**

**POWERGRID Ramgarh Transmission Limited**

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.....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 Ltd, Vidyut Bhawan, Kumar House Complex Building II, Shimla-171004 (Himachal Pradesh). Represented by its Chairman	....Respondent
6.	Punjab State Power Corporation Limited the Mall, PSEB head office, Patiala - 147 001 Represented by its Chairman and Managing Director	....Respondent
7.	Haryana Power Purchase Centre, Shakti Bhawan, Sector-6, Panchkula-134109 (Haryana). Represented by its S.E. / C & R-1	....Respondent
8.	Jammu Kashmir Power Corporation Limited 220/66/33 kV Gladni SS SLDC buliding Narwal, Jammu Represented by its Chairman	....Respondent
9.	BSES Yamuna Power Ltd. (BYPL) B-Block, Shakti Kiran, Bldg. (Near Karkardooma Courts), Karkardoomam 2nd Floor, New Delhi-110092	....Respondent



	Represented by its CEO	
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, Gurgaon 122001.	....Respondent
17.	Chief Engineer, Power System Project Monitoring Division Central Electricity Authority, Sewa Bhawan, R. K. Puram, Sector-1, New Delhi - 110 066.	....Respondent



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Petition No. ....

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

And others .....**RESPONDENT(S)**

**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.

Above mentioned TBCB Project assigned to Petitioner has been commissioned and the detailed scope of TBCB project along with implementation schedule is as follows:-

Sr. No.	Name of the Transmission Element
1.	Establishment of 400/220 kV, 4x500 MVA at Ramgarh – II (Fatehgarh-III) PS with 420kV (2x125 MVAR) bus reactor
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) to the Petitioner;

- Implementation of 400kV bays for RE generators at Fatehgarh-III (erstwhile Ramgarh-II) PS under ISTS.
- Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E1.
- Grant of 400 kV & 220 kV bays to RE generators at Fatehgarh-III (erstwhile Ramgarh-II) PS under ISTS.
- Transmission system for evacuation of power from REZ in Rajasthan (20GW) under phase-III Part E-2.
- Implementation of Bus Sectionalizer at 400kV level of 765/400/220 kV Fatehgarh-III PS (Section-2).





4. The above Transmission License was amended by Hon'ble Commission vide order dated 13.08.2024 in Petition 215/TL/2024 to incorporate the following transmission scheme;

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

A copy of the order dated 13.08.2024 in Petition 215/TL/2024 is attached as **Annexure- 1**.

5. That meanwhile CTUIL vide OM dated 26.10.2023 has assigned the Transmission Project “**Augmentation of transformation Capacity at 400/220 kV Fatehgarh-III PS(Section-1) by 400/220 kV, 1x500 MVA ICT(5<sup>th</sup>)**” to Petitioner under RTM mode. The detailed scope is as follows;

<i>S.No.</i>	<i>Scope of the Transmission Scheme</i>	<i>Capacity/km</i>	<i>Implementation timeframe</i>
1.	Augmentation with Transformer at Fatehgarh-III PS (5 <sup>th</sup> ICT at Section-1) along with associated transformer bays  * 1 no 400 kV (AIS) (including associated tie bay) and 1 no of 220 kV (AIS) transformer bay	500 MVA 400/220 kV ICT - <b>1 no.</b>  400 kV ICT bay (AIS) (including associated tie bay) – <b>1 no.</b>  220 kV (AIS) ICT bay - <b>1 no.</b>	18 months from the date of issuance of OM by CTUIL i.e. 26.04.2025
<b>Total Estimated Cost:</b>			<b>Rs 58.18 Crs</b>

Copy of the CTUIL OM dated 26.10.2023 is attached as **Annexure -2**.

6. That Regulation 4 (1)(b) of Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission License and other related matters) Regulations, 2024 (Transmission License Regulations, 2024) allows an entity selected by the Central Government or its authorized agency to implement a project under the regulated tariff mechanism. Relevant extracts are as follows;

*4. Eligibility for Grant of licence*

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



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

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

7. Further, Regulation 16 of the Transmission License Regulations, 2024 provides for the amendment of the existing RTM license in case an existing licensee which has been granted a transmission licence pursuant to being nominated by the Central Government or its authorized agency to implement transmission element(s) under regulated tariff mechanism, is further nominated to implement additional transmission element(s) under regulated tariff mechanism and it shall be eligible to add such transmission element(s) to its existing licence, by making an application before the Commission in terms of this Regulation. Relevant extracts are as follows;

16. Amendment of Licence

(1) The Commission may on its own motion or on an application made by the licensee (other than deemed licensee) or otherwise make such alterations and amendments in the terms and conditions of licence, if the Commission is of the opinion that the public interest so requires inter-alia under the following categories:

.....

**(c) Where an existing licensee which has been granted a transmission licence pursuant to being nominated by the Central Government or its authorized agency to implement transmission element(s) under regulated tariff mechanism, is further nominated to implement additional transmission element(s) under regulated tariff mechanism, it shall be eligible to add such transmission element(s) to its existing licence, by making an application before the Commission in terms of this Regulation.**

8. That, considering the above, instant Petition is being filed for amendment of existing RTM Transmission License granted by this Hon'ble Commission vide order dated 13.08.2024 in Petition 215/TL/2024 to POWERGRID Ramgarh Transmission Limited, to include transmission project "Augmentation of transformation Capacity at 400/220 kV Fatehgarh-III PS(Section-1) by 400/200 kV, 1x500 MVA ICT(5<sup>th</sup>)" as detailed at para 5 under Section 14 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of



Transmission License and other related matters) Regulations, 2024 and the Petitioner meets the eligibility criterion. After amendment, final scope under the RTM transmission license shall be as follows;

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

<i>S no</i>	<i>Scope of the Transmission Scheme</i>	<i>Capacity/km</i>
1	1 no. of 400 kV bay at Fatehgarh-III PS (erstwhile Ramgarh-II)	400 kV line bays -1

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

<i>Sl. No.</i>	<i>Scope of the Transmission Scheme</i>	<i>Capacity/km</i>
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 MVA, 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.



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

<i>S. No</i>	<i>Scope of the Transmission Scheme</i>	<i>Capacity/km</i>
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 sectionalizer 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 sectionalizer - 1 no. 220 kV bus sectionalizer - 1 no.

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

<i>S. No</i>	<i>Scope of the Transmission Scheme</i>	<i>Capacity/km</i>
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.

**8.5. Implementation of Bus Sectionalizer at 400kV level of 765/400/220 kV Fatehgarh-III PS (Section-2):**

<i>S. No</i>	<i>Scope of the Transmission Scheme</i>	<i>Capacity/km</i>
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



**8.6. 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:**

<i>S.No.</i>	<i>Scope of the Transmission Scheme</i>	<i>Capacity/km</i>
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.

**8.7. Augmentation of transformation Capacity at 400/220 kV Fatehgarh-III PS(Section-1) by 400/220 kV, 1x500 MVA ICT(5<sup>th</sup>): Covered in instant petition**

<i>S.No.</i>	<i>Scope of the Transmission Scheme</i>	<i>Capacity/km</i>
1.	Augmentation with Transformer at Fatehgarh-III PS (5 <sup>th</sup> ICT at Section-1) along with associated transformer bays  * 1 no 400 kV (AIS) (including associated tie bay) and 1 no of 220 kV (AIS) transformer bay	500 MVA 400/220 kV ICT - <b>1 no.</b>  400 kV ICT bay (AIS) (including associated tie bay) – <b>1 no.</b> 220 kV (AIS) ICT bay - <b>1 no.</b>

9. The Petitioner humbly submits that this Hon'ble Commission may be pleased to amend the already granted RTM Transmission License to Petitioner to include scope of works under RTM as detailed at para 5 hereinabove.
10. It is submitted that upon amendment of existing RTM Transmission license, the Petitioner shall implement the aforementioned scheme under RTM mode.
11. 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 10 (2) of the Transmission License Regulations, 2024.
12. It is respectfully submitted that in terms of Transmission License Regulations, Petitioner has fulfilled the following:



- a) The Applicant shall map CTUIL on the e-portal of this Hon'ble Commission at the earliest as per the procedure in vogue and completion of relevant formalities. The Applicant is also sending a copy of the present Petition to CTUIL via e-mail in accordance with the requirement under section 15 (3) of the Electricity Act, 2003 and Regulation 5 (3) of Transmission License Regulations, 2024 for its recommendation under section 15 (4) of the Electricity Act, 2003 and Regulation 5 (9) of Transmission License Regulations, 2024.
- b) That a copy of the Application has also been marked to Designated ISTS Customers (DICs) and beneficiaries of the Northern Region as party to the Petition. If this Hon'ble Commission deems necessary to implead any other party, then Petitioner shall implead such party as directed by this Hon'ble Commission.
- c) Duly filled in Form 1 for grant of transmission License in accordance with the Transmission License Regulations is enclosed herewith and marked as **Annexure-3**.
- d) The application along with Form-I is being hosted on the website and is accessible on [www.powergrid.in/subsidiaries](http://www.powergrid.in/subsidiaries) in compliance with Regulation 5 (4) of Transmission License Regulations, 2024. It is undertaken that notice of the Application as per Form-II of Transmission License Regulations shall be posted on the e-filing portal of the Commission and also on the Applicant's website in compliance with Regulation 5 (4) of Transmission License Regulations, 2024.
- e) In compliance with Regulation 5(5) Transmission License Regulations, 2024, the notice of the Application as per Form-II of Transmission License Regulations shall be published in two leading daily digital newspaper, one in English and another in Hindi i.e., Indian language of the Rajasthan state where the elements of the project is situated for inviting comments from general public. The notice shall also be kept posted on the website of the applicant.
- f) Appropriate fee for instant Petition stands paid.

13. 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 5 above.





## 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 13.08.2024 in Petition 215/TL/2024 to incorporate the transmission project "*Augmentation of transformation Capacity at 400/220 kV Fatehgarh-III PS(Section-1) by 400/200 kV, 1x500 MVA ICT(5th)*" assigned by CTUIL vide OM dated 22.03.2024 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 10 (2) of the Transmission License Regulations, 2024.
- c) Condone any inadvertent omissions/ shortcomings/ errors and permit the Petitioner to add/ modify/ alter this Petition and make further submissions as may be required at a future date.
- d) Pass such other order / orders, as may be deemed fit and proper in the facts & circumstances of the case

**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**

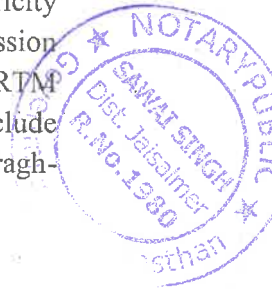


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IN THE MATTER OF

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.....PETITIONER

AND

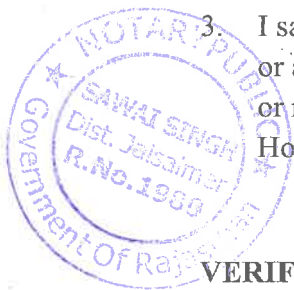
Uttar Pradesh Power Corporation Ltd. (Formerly Uttar Pradesh State Electricity Board) Shakti Bhawan, 14, Ashok Marg, Lucknow-226001 (Uttar Pradesh) and others

.....RESPONDENT(S)

AFFIDAVIT

I, S K Mishra, son of Late Sh Maheswar Mishra residing at B-4/7, Chandrama Apartment Kharavelanagar Unit -III, Bhubaneswar, Odisha - 751001 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.



SIGNATURE ATTESTED  
(SAWAI SINGH)  
NOTARY Jaisalmer



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 the 16<sup>th</sup> day of Oct 2024 at Jaisalmer.

SIGNATURE ATTESTED  
(SAWAI SINGH)  
NOTARY Jaisalmer  
16/10/24



**CENTRAL ELECTRICITY REGULATORY COMMISSION  
NEW DELHI**

**Petition No. 215/TL/2024**

**Coram:  
Shri Jishnu Barua, Chairperson  
Shri Ramesh Babu V., Member  
Shri Harish Dudani, Member**

**Date of Order: 13<sup>th</sup> August, 2024**

**In the matter of**

Petition 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 amendment of the existing RTM Transmission Licence 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 Limited.

**And**

**In the matter of**

**POWERGRID Ramgarh Transmission Limited,  
(A 100% wholly owned subsidiary of Power Grid Corporation of India Limited)  
B-9, Qutab Institutional Area,  
Katwaria Sarai, New Delhi-110 016**

....Petitioner

**Vs**

**1. Uttar Pradesh Power Corporation Limited,  
Shakti Bhawan, 14, Ashok Marg,  
Lucknow-226001 (Uttar Pradesh).**

**2. Ajmer Vidyut Vitran Nigam Limited,  
Corporate office, Vidyut Bhawan,  
Panchsheel Nagar, Makarwali road  
Ajmer-305004 (Rajasthan).**

**3. Jaipur Vidyut Vitran Nigam Limited,  
132 kV, GSS RVPNL Sub-station Building,  
Caligiri Road, Malviya Nagar,  
Jaipur-302017 (Rajasthan).**

**4. Jodhpur Vidyut Vitran Nigam Limited,  
New Power House, Industrial Area,  
Jodhpur- 342003, Rajasthan.**

**5. Himachal Pradesh State Electricity Board,  
Vidyut Bhawan, Kumar House Complex Building II,**



Shimla-171004, Himachal Pradesh.

**6. Punjab State Power Corporation Limited,**  
The Mall, PSEB head office,  
Patiala-147001.

**7. Haryana Power Purchase Centre,**  
Shakti Bhawan, Sector-6,  
Panchkula-134109, Haryana.

**8. Jammu Kashmir Power Corporation Limited,**  
220/66/33 kV Gladni SS SLDC Buliding,  
Narwal, Jammu.

**9. BSES Yamuna Power Limited,**  
B-Block, Shakti Kiran, Bldg.,  
(Near Karkardooma Courts),  
Karkardoomam 2nd Floor,  
New Delhi-110 092.

**10. BSES Rajdhani Power Limited,**  
BSES Bhawan,  
Nehru Place, New Delhi-110019.

**11. Tata Power Delhi Distribution Limited,**  
NDPL House, Hudson Lines,  
Kingsway Camp, Delhi-110009.

**12. Chandigarh Administration,**  
Sector -9, Chandigarh.

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

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

**15. North Central Railway Allahabad,**  
Subedarganj, A-Block GPO Complex,  
INA, Allahabad-211015, Uttar Pradesh

**16. Central Transmission Utility India Limited,**  
Chief Operating Officer,  
Saudamini, Plot no.2, Sector -29,  
Gurgaon-122 001.

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



**Parties present:**

Shri Prashant Kumar, PRTL  
 Shri V.C.Shekhar, PRTL  
 Shri Ranjeet Singh Rajput, CTUIL  
 Shri Swapnil Verma, CTUIL

**ORDER**

The Petitioner, POWERGRID Ramgarh Transmission Limited, has filed the present Petition under Section 14 of the Electricity Act, 2003 (hereinafter referred to as 'the Act') read with the provisions of the Central Electricity Regulatory Commission (Terms and Conditions for grant of Transmission Licence and other related matters) Regulations, 2009 (hereinafter referred to as 'the Transmission Licence Regulations') for the amendment of the existing RTM transmission licence granted to POWERGRID Ramgarh Transmission Limited, for the "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." on the Regulated Tariff Mechanism (RTM) mode (hereinafter referred to as the 'transmission scheme'). The scope of the project for which the existing RTM transmission licence is being amended is as under:

**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.**

S. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	1 no. of 220 kV line bay at 400/220 kV 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.	30.6.2025
<b>Total Estimated Cost:</b>			<b>Rs 5.94 crore</b>

2. The Petitioner is an Inter-State transmission licensee and was awarded a Transmission system strengthening scheme for evacuation of power from the solar



energy zones in Rajasthan (8.1 GW) under phase II- Part A 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
1.	Establishment of 400/220 kV, 4x500 MVA at Ramgarh-II (Fatehgarh-III) PS with 420kV (2x125 MVAR) bus reactor
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. Subsequently, the Commission, vide its order dated 15.4.2024 in Petition No. 293/TL/2023, granted a separate transmission licence to the Petitioner Company to implement the following Transmission Projects under the Regulated Tariff Mechanism (RTM). The detailed scope of the RTM transmission projects assigned to the Petitioner was as under:

**1.1. 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	20.9.2025
<b>Total Estimated Cost:</b>			<b>Rs. 16.30 crore</b>

**1.2. 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:**



1.2.1 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) 330 MVAR 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. 765 kV line bays-2 Nos. 765kV reactor bays-2 nos. 125 MVAR, 420kVbus reactor-2 nos. 420 kV reactor bays - 2 nos.	1.2.2025
<b>Total Estimated Cost:</b>			<b>Rs. 435 crore</b>

1.2.2 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 on 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	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
	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.	
<b>Total Estimated Cost</b>			<b>Rs. 82.45 crore</b>

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

1.2.3 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
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





S.No	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
<b>Total Estimated Cost:</b>			<b>Rs. 245 Crore</b>

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

**1.3 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 8.6.2023:**

*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	1.2.2025
<b>Total Estimated Cost:</b>			<b>Rs 17.11 crore</b>

4. Further, in addition to the above-mentioned scope, the Central Transmission Utility of India Limited (CTUIL), vide Office Memorandum dated 22.3.2024, has assigned the Transmission Projects for the "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" under RTM mode while referring to the Ministry of Power office order dated 28.10.2021.

5. The Petitioner has submitted that after the amendment of the transmission licence No. 115/Transmission/2024/CERC, the Petitioner shall proceed to implement the transmission scheme under the RTM mode. The estimated completion cost of the



transmission scheme, as per CTUIL's Office Memorandum (OM) dated 22.3.2024, is Rs. 5.94 crore. After completion of the transmission scheme, the Petitioner shall approach the Commission for the determination of the transmission charges in accordance with the Tariff Regulations.

6. 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 24.7.2024, *prima facie* proposed to grant a separate transmission licence to the Petitioner to implement the transmission projects detailed in paragraph 1 of the order. The relevant extracts of the order dated 24.7.2024 are extracted as under:

*"19. In the present case, the Petitioner is a transmission licensee who is already implementing the project defined under its scope under the RTM 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 costing up to Rs. 100 crores. Pursuant to the direction of the Ministry of Power, CTUIL, vide its Office Memorandum dated 22.3.2024 and recommendation letter dated 29.5.2024, has determined a list of Projects to be implemented through a Regulated Tariff Mechanism, which also includes the subject transmission system under the instant Petition.*

*20. Since the Petitioner is already an inter-State transmission licensee and has already been granted an RTM transmission licence to implement the transmission projects under RTM mode and again has been identified as an agency to implement the project under the RTM, we hold that the Petitioner is eligible for the amendment of existing RTM 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 the amendment of the existing RTM transmission licence aforesaid. The objections or suggestions, if any, shall be filed by any person before the Commission by 2.8.2024.*

*21. It is noted that the CTUIL, vide its letter dated 14.5.2024, 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 crores approved by NCT/CTUIL as per the Ministry's Order dated 28.10.2021. CTUIL is directed to place on record the response received from the Ministry of Power before the next date of hearing."*



7. A public notice under Sub-section (5) of Section 15 of the Act was published on 25.7.2024 in all editions of The Hindu (English) and Amar Ujala (Hindi). No suggestions/objections have been received from members of the public in response to the public notice.

8. The case was called out for a hearing on 8.8.2024. 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 the transmission licence be amended. The representative of CTUIL further submitted that CTUIL has already recommended amending the transmission licence.

9. In response to the Commission's query regarding the approval of the Central Government to the transmission schemes under the Transmission System Planning Rules, 2021 for the Projects costing up to Rs. 100 crores approved by the NCT/CTUIL as per the Ministry's Order dated 28.10.2021, the CTUIL's representative submitted that it had approached the Ministry of Power vide its letters dated 15.12.2023 and 3.5.2024 and continuously pursuing the matter with the Ministry of Power. However, no clarification has been received so far. 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.

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

*"(15) The Commission may after consideration of the further suggestions and objections, if any, received in response to the public notice as aforesaid, grant licence as nearly as practicable in Form-III attached to these regulations or for*



*reasons to be recorded in writing, reject the application if such application is not in accordance with the provisions of the Act, the rules or regulations made thereunder or any other law for the time being in force or for any other valid reason.*

*(16) The Commission may, before granting licence or rejecting the application, provide an opportunity of hearing to the applicant, the Central Transmission Utility, the long-term customers, or the person who has filed suggestions and objections, or any other person: Provided further that the applicant shall always be given a reasonable opportunity of being heard before rejecting the application."*

11. Proviso of Regulation 19(1) provides as under:

*"Provided that before ordering any alteration and amendments in the terms and conditions of the licence, proposed to be made otherwise than on the application of the licensee, the Commission shall publish a notice in two such daily newspapers as it considered necessary with the ..."*

12. In our order dated 24.7.2024, we had proposed to amend 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 letter dated 29.5.2024, has recommended the grant of a transmission licence to the Petitioner. Considering the submissions of the Petitioner and CTUIL, we, accordingly, direct that the transmission licence granted to POWERGRID Ramgarh Transmission Limited be amended to establish the transmission scheme through the RTM route as per the details given in paragraph 1 above.

13. The amendment of the existing RTM transmission licence to the Petitioner is subject to the fulfilment of the following conditions throughout the period of licence:

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

(b) The transmission licensee shall comply with the provisions of the Central Electricity Regulatory Commission (Terms and Conditions for grant of



Transmission Licence and other related matters) Regulations, 2024 (hereinafter referred to as 'the Transmission Licence Regulations, 2024') or any subsequent enactment thereof during the period of subsistence of the licence;

- (c) The licensee may make an application, two years before the expiry of the initial licence period, for the grant of the transmission licence for another term in accordance with Regulation 9 (2) of the Transmission Licence Regulations, 2024, 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 subsection (3) of Section 28 or sub-section (1) of Section 29 of the Act, as may be issued from time to time for maintaining the availability of the transmission system;



- (g) The licensee shall remain bound by the provisions of the Central Electricity Regulatory Commission (Standard of Performance of inter-State transmission licensees) Regulations, 2012 or subsequent enactment thereof;
- (h) The licensee shall provide the non-discriminatory open access to its Transmission System for use by any other licensee, including a distribution licensee or an electricity trader, or generating company or any other person in accordance with the Act; the Central Electricity Regulatory Commission (Open Access in inter-State Transmission) Regulations, 2008; the Central Electricity Regulatory Commission (Connectivity and General Network Access to the inter-State Transmission System) Regulations, 2023; the Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2023, as amended from time to time or any subsequent re-enactments thereof;
- (i) The licensee shall not undertake any other business for optimum utilization of the Transmission System without prior intimation to the Commission and shall comply with the provisions of the Central Electricity Regulatory Commission (Sharing of Revenue Derived from Utilization of Transmission Assets for other business) Regulations, 2020;
- (j) The licensee shall remain bound by provisions of the Central Electricity Regulatory Commission (Sharing of inter-State Transmission Charges and Losses) Regulations, 2020, as amended from time to time;
- (k) The licensee shall remain bound by the provisions of the Act, the Rules and Regulations framed thereunder, in particular the Transmission Licence Regulations, 2024, the Grid Code, the Standards specified by the Central





Electricity Authority, orders and directions of the Commission issued from time to time;

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

(m) The licensee shall submit all such report or information as may be required under Transmission Licence Regulations, 2024, 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.

14. 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, 2024.

15. An extract of a copy of this order/licence 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.

16. Petition No. 215/TL/2024 is allowed in terms of the above.

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

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

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







सेंट्रल ट्रांसमिशन यूलिटी ऑफ इंडिया लिमिटेड

(पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड के स्वामित्व में)

(भारत सरकार का उद्यम)

**CENTRAL TRANSMISSION UTILITY OF INDIA LTD.**

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

(A Government of India Enterprise)

Ref. No.: C/CTU/AI/00/15<sup>th</sup> CCTP/POWERGRID

26<sup>th</sup> October 2023

**OFFICE MEMORANDUM**

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

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

Sl. No.	Name of Transmission Scheme	Implementing Agency
<b>Eastern Region</b>		
1.	Eastern Region Expansion Scheme-XXXVIII (ERES-XXXVIII)	Power Grid Corporation of India Ltd.
2.	Eastern Region Expansion Scheme-41 (ERES-41)	Power Grid Corporation of India Ltd.
<b>Western Region</b>		
3.	Augmentation of Transformation Capacity at 400/220 kV Bhachau substation in Gujarat by 400/220 kV, 1x500 MVA ICT (3rd)	Power Grid Corporation of India Ltd.
4.	Augmentation of Transformation Capacity at 400/220 kV Magarwada GIS substation in DD & DNH by 400/220 kV, 1x500 MVA ICT (3rd)	Power Grid Corporation of India Ltd.
5.	Replacement of 63 MVAr Bus reactor with 125MVAr Bus reactor at 400kV level of Jabalpur S/s of POWERGRID	Power Grid Corporation of India Ltd.
<b>Northern Region</b>		
6.	Augmentation of Transformation Capacity at 400/220 kV Fatehgarh-III PS(Section-1) by 400/220 kV, 1x500 MVA ICT (5th)	POWERGRID Ramgarh Transmission Ltd. (a subsidiary of Power Grid Corporation of India Ltd.)
7.	Implementation of Bus Sectionalizer at 400kV level of 400/220kV Bikaner-II PS	POWERGRID Bikaner Transmission System Ltd. (a subsidiary of Power Grid Corporation of India Ltd.)
<b>Southern Region</b>		
8.	Augmentation of Transformation Capacity at 400/220 kV Hassan Substation in Karnataka by 400/220 kV, 1x500 MVA ICT (3rd)	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.

*Ashok Pal*

(Ashok Pal)

Dy. Chief Operating Officer

**Encl: as stated.**



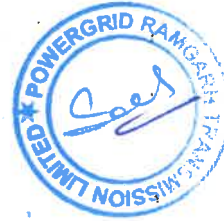
**To:**

**1. The Chairman & Managing Director**  
Power Grid Corporation of India Ltd.,  
Saudamini, Plot No. 2, Sector-29,  
Gurgaon- 122 001

**Copy to:**

**1. Shri Ishan Sharan**  
Chief Engineer & Member Secretary  
(NCT)  
Central Electricity Authority  
Sewa Bhawan, R. K. Puram,  
New Delhi-110 066.

**2. Shri Om Kant Shukla**  
Director (Trans)  
Ministry of Power,  
Shram Shakti Bhawan,  
Rafi Marg, New Delhi 110 001



**Eastern Region****1. Eastern Region Expansion Scheme-XXXVIII (ERES-XXXVIII)**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Shifting of Ranchi (POWERGRID) – Raghunathpur (DVC) 400kV D/c (Quad) line to bays 431 and 434 in diameters 431-432-433 and 434-435-436 at Ranchi (POWERGRID) end: about 1.27km new line section (refer note a).	400kV D/c (Quad) line – 1.27 km	24 months from the issuance of OM by CTUIL
2.	Dismantling of 1355m section of Ranchi (POWERGRID) – Raghunathpur (DVC) 400kV D/c (Quad) line of DVC at Ranchi end from tower location 433 to 438 and scraping of the same (refer note b).	-	
3.	Shifting of 420kV, 125MVar bus reactor installed in bay no. 431 to bay no. 413 [vacated after shifting of Ranchi (POWERGRID) – Raghunathpur (DVC) 400kV ckt-2] at Ranchi (POWERGRID) end.	-	
4.	Shifting of equipment of bay no. 416 [released upon shifting of Ranchi (POWERGRID) – Raghunathpur (DVC) 400kV ckt-3] to bay no. 434 for completion/establishment of bay no. 434 at Ranchi (POWERGRID) end.	-	
5.	Installation of 420kV, 1x80MVar switchable line reactor, one each in both circuits of Raghunathpur (DVC) – Ranchi-New (POWERGRID) 400kV D/c (Quad) line [formed after bypassing of Ranchi (POWERGRID) – Raghunathpur (DVC) and Ranchi (POWERGRID) – Ranchi-New (POWERGRID) ckt-3 & 4 of 400kV D/c (Quad) lines from Ranchi-New through tie circuit breaker in diameters 431-432-433 and 434-435-436] at Ranchi-New (POWERGRID) end along 400ohm NGR (including NGR bypass scheme).	420kV, 1x80MVar switchable line reactor with 500ohm NGR (including NGR bypass scheme) – 2 no.	
<b>Total Estimated Cost:</b>			<b>₹ 41.74 Crore</b>

**Note:**

- a) The ISTS licensee shall coordinate with DVC for shifting of Ranchi (POWERGRID) – Raghunathpur (DVC) 400kV D/c (Quad) line to bays 431 & 434. Further, ISTS licensee shall also take care of completion of communication link upon line shifting.
- b) The scrap value of the tower members, ACSR conductor, auxiliaries etc. of dismantled assets shall be deducted by the ISTS licensee as per prevailing scrap value to arrive at the final cost of the project. As the scrap value of dismantled assets (about 1355m of line) is already being



- adjusted against the project cost of this new scheme, tariff of Ranchi (POWERGRID) – Raghunathpur (DVC) 400kV D/c (Quad) line of DVC shall remain unaffected.
- c) During the implementation period of the above scheme, ERS can be used for temporary bypassing of Ranchi (POWERGRID) – Raghunathpur (DVC) and Ranchi (POWERGRID) – Ranchi-New (POWERGRID) ckt-3 & 4 lines outside Ranchi S/s so as to facilitate shifting of bus reactor and bay equipment, if required.
- d) Upon implementation of this scheme, the Ranchi (POWERGRID) – Raghunathpur (DVC) 400kV D/c (Quad) line may be bypassed from Ranchi S/s with Ranchi – Ranchi (New) 400kV D/c line (ckt-3 & ckt-4) through tie circuit breakers (432 & 435) as per system requirement and based on instructions from Grid-India.

## 2. Eastern Region Expansion Scheme-41 (ERES-41)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Installation of 400/220kV, 1x500MVA ICT (3 <sup>rd</sup> ) along with associated bays at Rajarhat GIS (POWERGRID) 400kV S/s	<ul style="list-style-type: none"> <li>• 400/220kV, 1x500MVA ICT– 1 no.</li> <li>• 400kV GIS ICT Bay– 1 no. + 1 no. additional bay for diameter completion (refer note a)</li> <li>• 220kV GIS ICT Bay– 1 no.</li> <li>• 400kV GIS duct (1-phase) – 650m</li> <li>• 220kV GIS duct (1-phase) – 300m</li> </ul>	21 months from the date of issuance of OM by CTUIL
<b>Total Estimated Cost:</b>			<b>₹ 86 Crore</b>

**Note:**

- a) In view of GIS substation, complete diameter with three Circuit Breakers (one and half switching scheme) needs to be implemented at 400kV level for installation of 3<sup>rd</sup> ICT in one 400kV bay. Utilisation of other 400kV bay of the diameter shall be identified in future.

## Western Region

### 3. Augmentation of Transformation Capacity at 400/220 kV Bhachau substation in Gujarat by 400/220 kV, 1x500 MVA ICT (3<sup>rd</sup>)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Augmentation of Transformation capacity at 400/220kV Bhachau S/s in Gujarat by 400/220kV 1x500MVA ICT (3 <sup>rd</sup> )	<ul style="list-style-type: none"> <li>• 400/220kV, 1x500MVA ICT–1 No.</li> <li>• 400kV ICT bay – 1 No.</li> <li>• 220kV ICT bay – 1 No.</li> </ul>	18 months from date of issuance of OM by CTUIL
<b>Total Estimated Cost:</b>			<b>₹ 49 Crore</b>



4. **Augmentation of Transformation Capacity at 400/220 kV Magarwada GIS substation in DD & DNH by 400/220 kV, 1x500 MVA ICT (3rd)**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Augmentation of Transformation capacity at 400/220kV Magarwarda GIS S/s by 400/220kV 1x500MVA ICT (3 <sup>rd</sup> )	<ul style="list-style-type: none"> <li>• 400/220kV, 1x500MVA ICT – 1 No.</li> <li>• 400kV GIS ICT Bay– 1 No.</li> <li>• 220kV GIS ICT Bay, – 1 No.</li> <li>• 400kV GIS duct (1ph) – 350m. (approx.)</li> <li>• 220kV GIS duct (1ph) – 150m. (approx.)</li> </ul>	21 months from date of issuance of OM by CTUIL
<b>Total Estimated Cost:</b>			<b>₹ 64 Crore</b>

5. **Replacement of 63 MVAR Bus reactor with 125MVAR Bus reactor at 400kV level of Jabalpur S/s of POWERGRID**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Replacement of 420kV, 63 MVAR Bus reactor with 420kV, 125MVAR bus reactor at Jabalpur (PG) S/s along with associated civil works	• 420kV, 125MVAR bus reactor – 1 No.	27 months from date of issuance of OM by CTUIL
<b>Total Estimated Cost:</b>			<b>₹ 17 Crore</b>

**Northern Region**

6. **Augmentation of Transformation Capacity at 400/220 kV Fatehgarh-III PS(Section-1) by 400/220 kV, 1x500 MVA ICT (5th)**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Augmentation with 400/220kV, 1x500MVA Transformer at Fatehgarh-III PS (5th ICT at Section-1) along with associated transformer bays*  *1 no. of 400kV (AIS) (including associated tie bay) and 1 no. of 220kV (AIS) transformer bay	<ul style="list-style-type: none"> <li>• 500 MVA 400/220 kV ICT – 1no.</li> <li>• 400 kV ICT bay (including associated tie bay) – 1 no.</li> <li>• 220 kV ICT bay – 1 no.</li> </ul>	18 months from the date of issuance of OM by CTUIL
<b>Total Estimated Cost:</b>			<b>₹ 58.18 Crore</b>





**7. Implementation of Bus Sectionalizer at 400kV level of 400/220kV Bikaner-II PS**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	<ul style="list-style-type: none"><li>One set of bus sectionalizer at 400kV level of 400/220kV Bikaner-II PS</li><li>One no. of 400kV tie bay (associated with 400/220kV ICT-4)</li></ul>	<ul style="list-style-type: none"><li>400 kV Bus sectionalizer- 1 no.</li><li>400kV tie bay-1 no.</li></ul>	Matching with implementation of 400/220kV ICTs (4 <sup>th</sup> to 7 <sup>th</sup> ) i.e., Dec'24
<b>Total Estimated Cost:</b>			<b>₹ 28 Crore</b>

**Southern Region**

**8. Augmentation of Transformation Capacity at 400/220 kV Hassan Substation in Karnataka by 400/220 kV, 1x500 MVA ICT (3rd)**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Augmentation of Transformation Capacity at 400/220 kV Hassan Substation in Karnataka by 400/220 kV, 1x500 MVA ICT (3 <sup>rd</sup> )	<ul style="list-style-type: none"><li>500 MVA 400/220 kV ICT-1no.</li><li>400 kV ICT bay (in existing dia) - 1 no.</li><li>220 kV ICT bay - 1 no.</li></ul>	18 months from the date of issuance of OM by CTUIL
<b>Total Estimated Cost:</b>			<b>₹ 49 Crore</b>



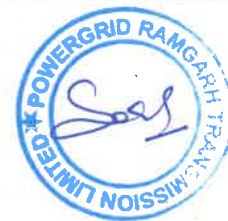


## Form-I

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

## 1. Particulars of the Petitioner

SI 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, 2024 for amendment of existing RTM Transmission License to POWERGRID Ramgarh Transmission Limited to include transmission project "Augmentation of transformation Capacity at 400/220 kV Fatehragh-III PS(Section-1) by 400/200 kV, 1x500 MVA ICT(5th)".
iii	Address of the Petitioner	B-9, Qutab Institutional Area, Katwaria 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	Copies of the following documents are enclosed:	
	a) Certificate of Registration	Enclosure 1
	b) Copy of Power of Attorney	Enclosure 2



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

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

**As per the CTUIL OM C/CTU/AI/00/15<sup>th</sup> CCTP/POWERGRID dated 26.10.2023:**

Project - Augmentation of transformation Capacity at 400/220 kV Fatehgarh-III PS(Section-1) by 400/200 kV, 1x500 MVA ICT(5th)

a. Transmission Lines : NIL

b. Sub-stations

S.No	Name (Location)	Voltage level	Transformer	Reactive/capacitive compensation	No of bays	Remark
1	Fatehgarh-3 PS (section-1)	400/220 kV	500 MVA 400/220 kV ICT - 1 no.	NIL	400 kV ICT bay (AIS) (including associated tie bay) – 1 no.  220 kV (AIS) ICT bay - 1 no.	

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

b) Scheduled COD: 26.04.2025 - 18 months from date of issuance of OM by CTUIL

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

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

Estimated completion cost – Rs 58.18 Crs

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

CTUIL OM is attached

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

Not Applicable



5. List of documents enclosed:

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

Date: 16th Oct 24

Place: Jaisalmer

Signature of the Petitioner





सत्यमेव जयते

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.



SANTOSH KUMAR

Registrar of Companies

RoC - Delhi

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

POWERGRID RAMGARH TRANSMISSION LIMITED

B-9 Qutab Institutional Area, Katwaria Sarai, New Delhi, South Delhi, Delhi, India, 110016

*[Handwritten signature]*

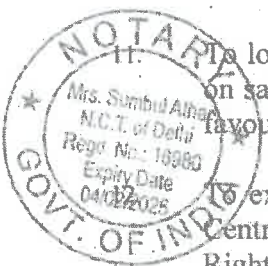




1. To constitute, and defend legal cases, sign and verify plaints, written statements, petitions and objections, memorandum of appeal, claims, affidavits, applications, re-applications and pleadings of all kinds and to file them in Central Electricity Regulatory Commission (CERC), State Electricity Regulatory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

To lodge claims with the Insurance companies, to settle/compromise such claims and on satisfactory settlement thereof, to issue letters of subrogation/power of attorney in favour of Insurance companies.

To execute, sign and file applications, undertakings, agreements etc. to or with the Central / State Government(s) / Body(ies) to obtain 'right of way' or any of other Right(s) / Privilege(s) etc.





13. To execute, sign and file applications, undertakings, agreements, bills, documents etc. to or with the Central / State Government(s) / Body(ies) and other authorities / entities including Central Transmission Utility (CTU)/Power System Operation Corporation Limited (POSOCO) / Central Electricity Authority (CEA)/ CERC with respect to Commissioning of the Project, realization of Transmission charges, to obtain 'right of way' or any of other Right(s) / Privilege(s) etc.
14. To execute Consultancy, Funding and other Agreements.
15. To act as administrator for e-filing process with CERC and other Statutory authorities.
16. Generally to do all lawful acts, necessary for the above mentioned purposes.

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

IN WITNESS WHERE OF the Company in pursuance of the Resolution of the Board of Directors of the company passed on 14<sup>th</sup> December, 2022 has under the hands of its Chairman execute these presents under the Common Seal of the Company on this 11<sup>th</sup> day of May, 2023.

Signed for and on behalf of  
POWERGRID Ramgarh Transmission Limited.

Name:  
Designation:

*B. Anantha Sarma*  
B. Anantha Sarma  
Chairman

WITNESSES:



ATTESTED

NOTARY PUBLIC, DELHI

11 MAY 2023

*Rajil Srivastava*  
1. RAJIL SRIVASTAVA  
DIRECTOR

*D.K. Biswal*  
2. D.K. BISWAL  
DIRECTOR

*Hukum Dev Yadav*  
3. HUKUM DEV YADAV  
COMPANY SECRETARY

