

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

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 for grant of separate Transmission License to POWERGRID Ramgarh Transmission Limited for implementation of scope of work as detailed in the Petition through the RTM mode.

APPLICATION NO : 293/TL/2023

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**



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.....**APPLICANT**

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

एन.के.मिश्रा / S.K.Mishra
परियोजना प्रभारी / Project In-Charge
पावरग्रिड रामगढ़ ट्रांसमिशन लिमिटेड
POWERGRID RAMGARH TRANSMISSION LIMITED
(100% Subsidiary of POWERGRID)

Date: 29.12.2023

Place: Jaisalmer

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

And others

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

Sir,

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 for grant of separate Transmission License to POWERGRID Ramgarh Transmission Limited for implementation of scope of work as detailed in the Petition through the RTM mode 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,

POWERGRID Ramgarh Transmission Limited

ए.के.मिश्रा / S.K.Mishra
परियोजना प्रभारी / Project In-Charge
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The Secretary,

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3 rd & 4 th Floor, Chanderlok Building,

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MEMO OF PARTIES

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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.....**APPLICANT**

VERSUS

1.	Uttar Pradesh Power Corporation Ltd. (Formerly Uttar Pradesh State Electricity Board) Shakti Bhawan, 14, Ashok Marg, Lucknow-226001 (Uttar Pradesh).	....Respondent
2.	Ajmer Vidyut Vitran Nigam Ltd. 132 kV, GSS RVPNL Sub-station Building, Caligiri Road, Malviya Nagar, Jaipur-302017 (Rajasthan).	....Respondent
3.	Jaipur Vidyut Vitran Nigam Ltd. 132 kV, GSS RVPNL Sub-station Building, Caligiri Road, Malviya Nagar, Jaipur-302017 (Rajasthan).	....Respondent
4.	Jodhpur Vidyut Vitran Nigam Ltd. 132 kV, GSS RVPNL Sub-station Building, Caligiri Road, Malviya Nagar, Jaipur-302017 (Rajasthan).	....Respondent
5.	Himachal Pradesh State Electricity Board, Vidyut Bhawan, Kumar House Complex Building II, Shimla-171004 (Himachal Pradesh).	....Respondent
6.	Punjab State Power Corporation Limited Thermal Shed Tia, Near 22 Phatak, Patiala-147001 (Punjab).	....Respondent
7.	Haryana Power Purchase Centre, Shakti Bhawan, Sector-6, Panchkula-134109 (Haryana).	....Respondent
8.	Power Development Deptt. Govt. of Jammu & Kashmir Mini Secretariat, Jammu	....Respondent



9.	BSES Yamuna Power Ltd. (BYPL) B-Block, Shakti Kiran, Bldg. (Near Karkardooma Courts), Karkardoomam 2nd Floor, New Delhi-110092	....Respondent
10	BSES Rajdhani Power Ltd. (BRPL) BSES Bhawan, Nehru Place, New Delhi- 110019.	....Respondent
11	Tata Power Delhi Distribution Ltd. (TPDDL) NDPL House, Hudson Lines, Kingsway Camp, Delhi-110009.	....Respondent
12	Chandigarh Administration Sector -9, Chandigarh.	....Respondent
13	Uttarakhand Power Corporation Ltd. Urja Bhawan, Kanwali Road, Dehradun (Uttarakhand).	....Respondent
14	New Delhi Municipal Council, Palika Kendra, Sansad Marg, New Delhi- 110002.	....Respondent
15	North Central Railway Allahabad (Uttar Pradesh).	....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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.....**RESPONDENT(S)**

And others

The Applicant respectfully submits as under:

1. The Applicant, **POWERGRID Ramgarh Transmission Limited** (“hereinafter referred to as Applicant”) is a wholly owned subsidiary of Power Grid Corporation of India Limited (POWERGRID).
2. The applicant is an Inter-State Transmission Licensee and was awarded 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 to the Applicant 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 Applicant has been commissioned and the detailed scope of TBCB project 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**

Transmission projects assigned to Applicant under Regulated Tariff Mechanism (RTM)

3. Subsequently, Applicant has been assigned transmission projects under Regulated Tariff Mechanism (RTM) by MOP/CTUIL and details regarding the same is tabulated below;

Transmission Project	MOP/CTUIL OM
Implementation of 400 kV.bay for RE generators at Fatehgarh-III (erstwhile Ramgarh-II) PS	MOP: 16-Jul-2021
Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E1	CTUIL: 2-Dec-2021
Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E2	
Grant of 400 kV & 220 kV bays to RE generators at Fatehgarh-III (erstwhile Ramgarh-II) PS under ISTS	
implementation of scope of Bus Sectionalizer at 400kV level of	CTUIL: 21-Apr-2023



Transmission Project	MOP/CTUIL OM
765/400/220 kV Fatehgarh-III PS (Section-2)	

Hon'ble Commission order dated 14.07.2022 in Petition 146/TL/2022

4. That initially, CTUIL provided implementation schedule for following transmission projects. Accordingly, Applicant had filed petition no. 146/TL/2022 for grant of separate transmission license for following transmission projects:

4.1. *“Implementation of 400 kV bays to RE generators at Bhadla-II PS, Fatehgarh-II, & Fatehgarh-III (erstwhile Ramgarh-II) PS”* allotted vide Ministry of Power (MoP) notification no. 15/3/2018-Trans Pt(1) dated 16.07.20121 and

4.2. *Grant of 400 kV & 220 kV bays to RE generators at Fatehgarh-III (erstwhile Ramgarh-II) PS under ISTS”* allotted vide MoP notification No. 15/3/2018-Trans Pt(1) dated 01.12.2021 and CTUIL Office memorandum ref No. C / CTUIL/OM/02 dated 02.12.2021 in reference to the aforesaid MOP notification.

During the proceedings of the above Petition, the representative of CTUIL submitted that implementation schedule of the various elements of the Project had been fixed in line with the Scheduled Commercial Operation Date (SCOD) of the various renewable generators coming at the Fatehgarh-III Pooling Station. However, in the recent JCC, Northern Region meeting, many of these generators have indicated the deferment of their SCOD on account of GIB issue and hence, the recommendation of CTUIL along with the implementation schedule of the elements of the Project is liable to further changes.

That, after considering the submission of CTUIL, this Hon'ble Commission opined that no purpose will be served to keep the instant Petition pending till finalization of implementation schedule of the elements of the Projects which are further likely to be changed in future. Accordingly, the present Petition was disposed of with liberty to the Applicant to approach the Commission after finalization of implementation schedule of the Project, etc. Hon'ble Commission further granted liberty to adjust the Filing fees paid in the present Petition against the Petition to be filed in future on the subject.

Copy of the order dated 14.07.2022 in petition 146/TL/2022 is attached as **Annexure 3**.

5. That subsequently, CTU had provided implementation schedule for following transmission projects;



Transmission Project	MOP/CTUIL OM
Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E1	CTUIL: 2-Dec-2021
Grant of 400 kV & 220 kV bays to RE generators at Fatehgarh-III (erstwhile Ramgarh-II) PS under ISTS	
implementation of scope of Bus Sectionalizer at 400kV level of 765/400/220 kV Fatehgarh-III PS (Section-2)	CTUIL: 21-Apr-2023

Accordingly, based on the implementation timeframe for above projects intimated by CTUIL and in compliance to Hon'ble Commission directions in petition 146/TL/2022, Petitioner has filed instant petition 293/TL/2023 for grant of separate transmission license to implement above projects under RTM;

Petition was heard on 13.12.2023 and during the hearing Petitioner has submitted that the implementation timeframe for remaining projects assigned under RTM has been intimated by CTUIL and accordingly, the Petitioner may be permitted to file the amended Petition.

Hon'ble Commission vide Record of Proceedings dated 15.12.2023 has directed the Petitioner to file an amended Petition within two weeks and to serve the copies of the amended Petition on the Respondents.

6. That in compliance with the above direction, Petitioner is filing the amended petition for grant of separate transmission license covering all RTM transmission projects assigned to Petitioner by MOP/CTUIL. The details regarding the RTM projects, for whom the transmission license is sought, are provided below;

6.1. As per the Ministry of Power notification no. 15/3/2018-Trans Pt(1) dated 16th July 2021:

Transmission project: 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	Est. Cost (Rs Cr.)
1	1 no. of 400 kV bay at Fategarh-III PS (erstwhile Ramgarh-II)*	400 kV line bays -1	16.30

Implementation timeframe: 20.09.2025, as intimated by CTUIL.



6.2. 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:

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

The detailed Scope of work is as follows:-

S.No.	Scope	Capacity/km	Est. Cost (Rs Cr.)
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 nos.	435

*Note :- * Provision of suitable sectionalization shall be kept at Fatehgarh-3 at 400 kV & 220 kV level to limit short circuit level.*

Implementation timeframe: 18 months from MoP OM i.e. 01.06.2023 or matching timeframe of "Transmission system for evacuation of Power from REZ in Rajasthan (20 GW) under Phase-III - Part-A1", whichever is later.

Recently, CTUIL vide Office memorandum ref No. C/CTU/AI/00/12th CCTP dated 21.04.2023 has intimated that the bidding for the project "Transmission system for evacuation of Power from REZ in Rajasthan (20 GW) under Phase-III - Part-A1" has been carried out under TBCB and LoI has been issued on 03.03.2023. Further, SPV has been transferred on 02.08.2023.



Accordingly, implementation schedule of abovementioned scheme has been considered as 01.02.2025 (considering SPV transfer of Phase-III Part-A1 as 02.08.2023).

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

The detailed Scope of work is as follows:-

S.No.	Scope	Capacity	Estimated Cost
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.	82.45 crores including IDC of Rs. 2.30 crores.

Detailed implementation schedule, as intimated by CTUIL, is as under:

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	30.07.2024
4	1 no. 220kV line bays Fatehgarh-III	31.12.2024
5	1 no. 220kV line bays Fatehgarh-III	31.03.2025
6	1 no. 220kV line bays 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

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

The detailed Scope of work is as follows:-



S.No.	Scope	Capacity/km	Est. Cost (Rs Cr.)
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. 400 kV ICT bay-5 nos. 220 kVICT bays 2 nos.	245

Note :- Implementation to be taken up at later stage base on evacuation requirement beyond 3000 MW cumulative at Fatehgarh-3 (new section) & Fathegarh -4 PS.

Detailed implementation schedule, as intimated by CTUIL, is as under:

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

6.3. Transmission project assigned under 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).*

Initially, CTUIL vide Office memorandum ref No. C/CTU/AI/00/12th CCTP dated 21.04.2023 allotted the Transmission scheme to POWERGRID. Subsequently, CTUIL, on 08.06.2023, has issued amendment to OM dated 21.04.2023 wherein implementing agency for “*implementation of scope of Bus Sectionalizer at 400kV level of 765/400/220 kV Fatehgarh-III PS (Section-2)*” project under Regulated Tariff Mechanism (RTM) mode has been changed from Power Grid Corporation of India Limited to the Applicant - POWERGRID Ramgarh Transmission Limited.

The detailed Scope of work is as follows:-



SI No	Scope of the Transmission scheme	Item description	Estimated completion cost
1	1 Set of Bus sectionalizer at 400kV level of 765/400/220kV Fatehgarh-III PS (Section-2)	400 kV Bus sectionalizer - 1 set	Rs 17.11 Crs

Implementation timeframe: Matching with the above mentioned Ph-III Part- E1 package i.e. Jan'25.

CTUIL has intimated that the bidding for the project *“Transmission system for evacuation of Power from REZ in Rajasthan (20 GW) under Phase-III - Part-A1”* has been carried out under TBCB and LoI has been issued on 03.03.2023 and SPV may be transferred by July'23. Further, SPV has been transferred on 02.08.2023. Accordingly, implementation schedule of abovementioned scheme has been considered as 01.02.2025 (considering SPV transfer of Phase-III Part-A1 as 02.08.2023) matching with the Ph-III Part- E1 package.

Copy of the abovementioned OMs by MoP/ CTUIL is attached as **Annexure -4 (Colly)**.

7. That, considering the above, instant amended Application is being filed for grant of separate Transmission License to POWERGRID Ramgarh Transmission Limited for implementation of entire scope of works awarded to Petitioner under RTM as detailed at para 6.
8. The Applicant humbly submits that this Hon'ble Commission may be pleased to grant a separate transmission license to Applicant for scope under RTM as detailed at para 6 hereinabove.
9. The Applicant humbly submits that present amended Application has been filed in line with order of this Hon'ble Commission dated 21.10.2021 passed in Petition No. 604/MP/2020 (POWERGRID Kala Amb Transmission Company Ltd. Vs. UP Power Corporation Limited). Relevant extract from order dated 21.10.2021 is extracted here under for ready reference of this Hon'ble Commission.

“20. In our view, inclusion of both the TBCB based elements/ assets and the RTM based



elements/ assets in the same transmission licence may lead to numerous procedural, legal, commercial issues. A few such issues are highlighted as under.....

21. The above list of issues is only indicative and not exhaustive. Though the Commission accepts that such issues may not always arise in all the cases, the Commission is, however, of the view that it is always prudent to avoid possible future complexities if an alternative solution is available and possible.

22. As we have already observed, the provisions of the Act do not put any restriction for issuing a second licence to a person, in case it fulfils all necessary requirements specified in the Act and Transmission Licence Regulations....

In view of the foregoing discussions, we are of the view that the Applicant may approach the Commission for grant of a separate transmission licence for the RTM based assets/ elements. Accordingly, the Applicant is granted liberty to approach the Commission for obtaining a separate transmission licence for implementation of 125 MVAR, 420 kV Bus Reactor at Kala Amb on the RTM route by way of a separate Petition in accordance with law. The filing fees deposited in the instant Petition shall be adjusted against the Petition to be filed by the Applicant in terms of the liberty granted as above.”

10. That in view of the foregoing; the instant amended application is being filed by the Applicant 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 grant of separate Transmission License to the applicant for the scope of work as mentioned at Para 6 above under the “Regulated Tariff Mechanism” (RTM) mode.
11. It is submitted that upon grant of the separate Transmission license the Applicant shall implement the aforementioned scheme under RTM mode.
12. It is submitted that on completion of the Project, the Applicant 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.
13. It is respectfully submitted that in terms of Transmission License Regulations, Applicant 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-5**.
 - b) Amended Application 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 Applicant shall implead such party as directed by this Hon'ble Commission.
 - c) The amended application 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 amended application has also been marked to CTUIL as per Regulation 7(6) of Transmission License Regulations.
 - e) It is undertaken that notice of amended application 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 application in compliance with the Order dated 22.01.2022 passed by this Hon'ble Commission in 1/SM/2022.
 - f) Appropriate fee for grant of transmission license may need to be adjusted from earlier filed fee in Petition 146/TL/2019 in compliance to the liberty granted by Hon'ble Commission.
14. It is submitted that Section 14 of the Electricity Act, 2003 empowers the Appropriate Commission to grant transmission License and as such this Hon'ble Commission has jurisdiction to grant transmission license to the Applicant for implementation of scope of works as detailed at para 4 above.

15. **PRAYER**

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

- a) Grant separate Transmission License to the Applicant for implementation of scope of works as detailed at para 6 above under Regulated Tariff Mechanism (RTM) mode.



- b) Allow the Applicant 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 Applicant to add/ modify/ alter this application and make further submissions as may be required at a future date.

POWERGRID Ramgarh Transmission Limited
(Formerly known as Ramgarh New Transmission Limited)

Applicant



Represented by

PROJECT IN-CHARGE, POWERGRID Ramgarh Transmission Limited

एस.के.मिश्रा / S.K.Mishra
परियोजना प्रभारी / Project In-Charge
पावरग्रिड रामगढ़ ट्रांसमिशन लिमिटेड
POWERGRID RAMGARH TRANSMISSION LIMITED
(100% Subsidiary of POWERGRID)

Date: 29.12.2023

Place: Jaisalmer

BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

APPLICATION No :.....

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 for grant of separate Transmission License to POWERGRID Ramgarh Transmission Limited for Implementation of scope of work as detailed in the Petition through the RTM mode.

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

.....**APPLICANT**

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

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 Applicant 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 application, are true to the best of my knowledge and belief based on the information received and I believe them to be true.

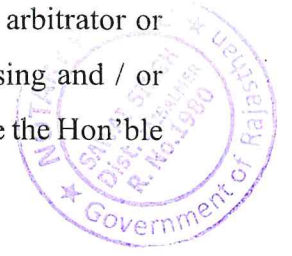


SIGNATURE / ATTESTED

(SAWAI SINGH)
NOTARY JAISALMER



3. I say that there are no proceedings pending in any court of law / tribunal or arbitrator or any other authority, wherein the Applicant is a party and where issues arising and / or reliefs sought are identical or similar to the issues in the matter pending before the Hon'ble Commission.



SIGNATURE / ATTESTED
(SAWAI SINGH)
NOTARY JAISALMER

S.K. Mishra
Deponent

एस.के.मिश्रा / S.K.Mishra
परियोजना प्रभारी / Project In-Charge
पावरग्रिड रामगढ़ ट्रांसमिशन लिमिटेड
POWERGRID RAMGARH TRANSMISSION LIMITED
(100% Subsidiary of POWERGRID)

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 29th day of December 2023 at Jaisalmer.

SIGNATURE / ATTESTED
(SAWAI SINGH)
NOTARY JAISALMER

S.K. Mishra
Deponent

एस.के.मिश्रा / S.K.Mishra
परियोजना प्रभारी / Project In-Charge
पावरग्रिड रामगढ़ ट्रांसमिशन लिमिटेड
POWERGRID RAMGARH TRANSMISSION LIMITED
(100% Subsidiary of POWERGRID)



**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Petition No. 89/TL/2021

Coram:

Shri P.K. Pujari, Chairperson

Shri I. 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</p> <p>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:

"18. 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 2.6 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 Perform 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, 2018.

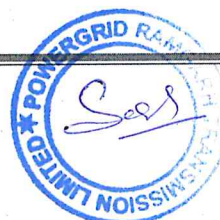
14. As regards grant of transmission licence, Clauses (15) and (16) of Regulation 7 of Transmission Licence Regulations provides as under:

“(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;

(h) 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





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.

DS DS MINISTRY
OF CORPORATE
AFFAIRS (GOVT
OF INDIA)

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]



**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Petition No. 146/TL/2022

Coram:

**Shri I.S. Jha, Member
Shri Arun Goyal, Member
Shri P. K. Singh, Member**

Date of Order: 14th July, 2022

In the matter of

Application under Section 14 of the Electricity Act, 2003 read with the Central Electricity Regulatory Commission (Terms and Conditions for Grant of Transmission Licence and other related matters) Regulations, 2009 for grant of separate Transmission Licence to Power Grid for implementation of scope of work as detailed in the Petition through Regulated Tariff Mechanism (RTM) mode to Power Grid Southern Interconnector Transmission System Limited.

And

In the matter of

POWERGRID Ramgarh Transmission Limited,
B-9, Qutab Institutional Area,
Katwaria Sarai,
New Delhi – 110 016.

..... **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,
Caligiri Road, Malviya 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,
Panchkula-134109 (Haryana).
8. Power Development Deptt.
Govt. of Jammu & Kashmir
Mini Secretariat, Jammu
9. BSES Yamuna Power Ltd. (BYPL),
B-Block, Shakti Kiran, Bldg.
(Near Karkardooma Courts), Karkardooma
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,
New Delhi-110 022

.....Respondents

The following were present:

Shri Shubham Arya, Advocate, PRTL
Ms. Poorva Saigal, Advocate, PRTL
Shri Ravi Nair, Advocate, PRTL
Shri Nipun Dave, Advocate, PRTL
Ms. Supriya Singh, PRTL
Shri V.C. Sekhar, PRTL
Shri Arjun Malhotra, PRTL
Shri Yatin, CTUIL
Shri Swapnil Verma, CTUIL
Shri Siddharth Sharma, CTUIL
Shri Ranjeet Singh Rajpur, CTUIL
Shri Kashish Bhambhani, CTUIL

ORDER

The Petitioner, Power Grid Ramgarh Transmission Limited has filed the present Petition under Section 14 of the Electricity Act, 2003 (hereinafter referred to as 'the Act') read with 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 grant of separate transmission licence for implementation of (i) 1 no. of 400 kV bay at Fatehgarh-III PS and (ii) 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 ('the Project') through RTM mode. The scope of the project for which transmission licence is sought is as under:

- (a) Implementation of 400 kV bays under ISTS: Implementation of 400kV bays to RE generators at Bhadla-II PS, Fatehgarh-II, & Fatehgarh-III (erstwhile



Ramgarh-II) PS under ISTS.

S.No	Scope of the Transmission Scheme	Capacity /km	Implementation schedule	Estimated Cost as per DPR
1	1 no. of 400 kV bay at Fategarh-III PS (erstwhile Ramgarh-II)*	400 kV line bays -1	15.08.2023	Rs. 16.30 Crore including IDC of Rs. 0.57 crore)

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

S.No.	Scope	Capacity	Estimated Cost as per DPR
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.	82.45 crore including IDC of Rs. 2.30 crores.

2. The Petitioner has made the following prayers:

(a) Grant separate Transmission License to the Applicant for implementation of scope of works as detailed at para 4 above under Regulated Tariff Mechanism (RTM) mode.

(b) Allow the Applicant 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 Applicant to add/ modify/ alter this application and make further submissions as may be required at a future date.

3. Case was called out for virtual hearing on 12.7.2022.



4. During the course of hearing, learned counsel for the Petitioner submitted that the Petitioner is already an inter-State transmission licensee implementing the 'Transmission System Strengthening Scheme for evacuation of power from Solar Energy Zones in Rajasthan (8.1 GW) under Phase II – Part A' for which the transmission licence was granted to the Petitioner by the Commission vide order dated 31.5.2021 in Petition No. 89/TL/2021. However, subsequently, in terms of notification of Ministry of Power dated 16.7.2021 and the Office Memorandum of CTUIL dated 2.12.2021, the aforesaid Project has been allocated to the Petitioner on RTM basis and details relating to estimated cost as per DRP and the implementation schedule have been enclosed with the Petition. Learned counsel further submitted that the Petitioner has complied with all the requirements for grant of transmission licence under the Central Electricity Regulatory Commission (Procedure, Terms and Conditions for grant of Transmission Licence and other related matters) Regulations, 2009 read with Commission's order dated 22.1.2022 in Petition No. 1/SM/2022. Learned counsel further added that CTUIL vide letter dated 3.6.2022 has recommended for grant of transmission licence to the Petitioner.

5. The representative of CTUIL submitted that implementation schedule of the various elements of the Project had been fixed in line with the Scheduled Commercial Operation Date (SCOD) of the various renewable generators coming at the Fatehgarh-III Pooling Station. However, in the recent JCC, Northern Region meeting, many of these generators have indicated the deferment of their SCOD on account of GIB issue and hence, the recommendation of CTUIL along with the implementation schedule of the elements of the Project is liable to further changes.

6. We have heard the learned counsel for the Petitioner and the representative of CTUIL. In our considered view, no purpose will be served to keep the instant Petition



pending till finalization of implementation schedule of the elements of the Projects which are further likely to be changed in future. Accordingly, the present Petition is disposed of with liberty to the Petitioner to approach the Commission after finalization of implementation schedule of the Project, etc. Filing fees paid in the present Petition shall be adjusted against the Petition to be filed in future on the subject.

7. The Petition No. 146/TL/2022 is disposed of in terms of the above.

Sd/-
(P. K. Singh)
Member

sd/-
(Arun Goyal)
Member

sd/-
(I.S. Jha)
Member



Annexure -4

Attachment# Annexure-I_MoP OM dated 16th July 2021 for additional scope under RTM by PRTL.pdf

No. 15/3/2018-Trans-Part(1)
Government of India
Ministry of Power
Shram Shakti Bhawan, Rafi Marg, New Delhi-110001

Dated, 16th July, 2021OFFICE MEMORANDUM

Subject: New transmission schemes to be taken up under Regulated Tariff Mechanism (RTM).

The undersigned is directed to inform that Hon'ble Minister for Power has approved the implementation of following transmission schemes, which were recommended by 4th meeting of the National Committee on Transmission (NCT), under the Regulated Tariff Mechanism (RTM) mode by agencies as indicated in the table below:

Sl. No.	Elements	Agency
1	Implementation of 400kV bays for RE generators at Bhadla-II PS, Fatehgarh-II.	PGCIL
2	Implementation of 400kV bay for RE generators at Fatehgarh-III (erstwhile Ramgarh-II) PS	Powergrid Ramgarh Transmission Ltd. (Subsidiary of PGCIL)
3	Implementation of 220 kV bay at Shahjahanpur 400/220 substation (PGCIL)	PGCIL
4	Implementation of 1x80 MVAR, 765kV Spare Reactor at Bhadla-II S/s	PGCIL
5	Implementation of the 1x500 MVA, 400/220kV ICT (8 th) at Bhadla Pooling Station	PGCIL
6	ICT Augmentation at 2x315 MVA, 400/220 kV Shujalpur (PG) substation	PGCIL
7	Regional System Strengthening scheme to mitigate the overloading of 400 kV NP Kunta-Kolar S/C line	PGCIL
8	Augmentation of transformation capacity at existing Hiriyyur and Kochi S/stns	PGCIL
9	Restoring of one circuit of Kudankulam – Tuticorin PS 400 kV (quad) D/c line at Tirunelveli to control loadings/un-balancing on Kudankulam – Tirunelveli 400 kV (quad) lines.	PGCIL
10	Implementation of 1 no. of 230 kV bay at Tuticorin-II GIS PS	PGCIL

2. Detailed scope of works for the above schemes, as recommended by the NCT is at **Annexure**.

3. These schemes are awarded to CTUIL for their implementation under RTM mode. The CTUIL is requested to take necessary action for entering into a




Signature
16/7/2021

Attachment# Annexure-I_MoP OM dated 16th July 2021 for additional scope under RTM by PRTL.pdf

concession agreement with agencies as mentioned in table at para 1 above, for implementation of these schemes.

4. This issues with the approval of Competent Authority.

Encl: as stated.


16/7/2021
(Bihari Lal)
Bihari Lal (Trans)
Tele: 011-23325242

To
COO, CTUIL,
Gurugram.

Copy to:

1. Member(PS), CEA, New Delhi.
2. CMD, PGCIL, Gurugram.



Annexure-I_MoP OM dated 16th July 2021 for additional scope under RTM by PRTL.pdf

Annexure

Detailed scope of works for new ISTS schemes to be developed in RTM Mode

- 1) Implementation of 400 kV bays for RE generators at Bhadla-II PS, Fatehgarh-II PS:

Sl. No.	Scope of the Transmission Scheme	Capacity / line length km
1.	3 no. of 400 kV bays at Bhadla-II	400 kV line bays – 3
2.	2 no. of 400 kV bay at Fatehgarh-II	400 kV line bays – 2

Implementation Timeframe: 15 months from MoP OM allocating the scheme or RE generator commissioning schedule whichever is later.

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

Sl. No.	Scope of the Transmission Scheme	Capacity / line length km
1.	1 no. of 400 kV bay at Fatehgarh-III	400 kV line bays – 1

Implementation Timeframe: 15 months from MoP OM allocating the scheme or RE generator commissioning schedule whichever is later.

- 3) Implementation of 220 kV bay at Shahjahanpur (PG) 400/220 substation

Sl. No.	Scope of the Transmission Scheme	Capacity / line length km
1.	Line bay at Shahjahanpur (PG) 400/220 kV substation	220 kV line bay(AIS) - 1 no.

Implementation Timeframe: 12 months from MoP OM allocating the scheme or matching timeframe of LILO of Sitapur – Shahjahanpur 220 kV S/c line at Shahjahanpur by UPPTCL, whichever is later.

- 4) Implementation of 1x80 MVAR, 765 kV Spare Reactor at Bhadla-II S/s

Sl. No	Scope of the Transmission Scheme	Capacity / line length km
1.	1x80 MVAR, 765 kV Spare Reactor at Bhadla-II S/s for 2x240 MVAR switchable line reactors associated with Fatehgarh-II – Bhadla-II 765 kV 2 nd D/C line.	1x80 MVAR, 765kV reactor-1

Implementation time: Matching time frame of Fatehgarh-II – Bhadla-II 765 kV 2nd D/C line.

- 5) Implementation of the 1x500 MVA, 400/220 kV ICT (8th) at Bhadla Pooling Station

Sl. No.	Scope of the Transmission Scheme	Capacity / line length km
1.	1x500 MVA, 400/220kV ICT (8th) at Bhadla Pooling Station	500 MVA, 400/220kV ICT – 1 no. 400 kV ICT bay- 1 no. 220 kV ICT bay- 1 no.

Implementation time: 15 months from date of MoP OM allocating the scheme

- 6) ICT Augmentation at 2x315 MVA, 400/220 kV Shujalpur (PG) substation

Sl. No.	Scope of the Transmission Scheme	Capacity / line length km
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Attachment# Annexure-I_MoP OM dated 16th July 2021 for additional scope under RTM by PRTL.pdf

1.	1x500MVA, 400/220 kV ICT augmentation at Shujalpur (PG) alongwith associated bays	400/220 kV, 500 MVA ICT-1 400 kV ICT bays- 1 220 kV ICT bays- 1
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Implementation Timeframe: In matching time frame of Reconductoring of Shujalpur (PG) Shujalpur (MP) 220kV D/c line by MPPTCL.

7) Regional System Strengthening scheme to mitigate the overloading of 400 kV NP Kunta-Kolar S/C line

Sl. No.	Scope of the Transmission Scheme	Capacity / line length km
1.	Temporary Bypassing of Cudappah – NP Kunta 400 kV S/c line and NP Kunta – Kolar 400 kV S/c line with suitable arrangement at NP Kunta sub-station to form Cudappah – Kolar 400 kV S/c line	
2.	Re-conductoring of the NP Kunta – Kolar 400 kV S/c line (twin Moose) section with high capacity conductors (like twin HTLS equivalent or Quad Moose).	131
3.	Upgradation of 400 kV bays equipments at NP Kunta and Kolar for NP Kunta – Kolar 400 kV line section: Kolar Substation: Bay equipments (Circuit Breaker, Isolators, CT, Wave traps, Erection hardware etc.) of complete 400kV diameter is to be upgraded to 3150A rating. NP Kunta substation: 7 nos. 400KV, 2000A DBR existing Isolators and Existing erection hardware needs to be upgraded to suit proposed high capacity conductors (current rating of 3150A).	
4.	Restoration of LILO arrangement to form Cuddappah – NP Kunta 400 kV S/c line and NP Kunta – Kolar 400 kV S/c line upon completion of re-conductoring works of NP Kunta – Kolar line.	

Implementation Timeframe: 15 months from date of MoP OM allocating the scheme.

8) Augmentation of transformation capacity at existing Hiriyur and Kochi S/stns

Sl. No.	Scope of the Transmission Scheme	Capacity / line length km
1.	1x500 MVA, 400/220 kV ICT augmentation at Hiriyur (PGCIL) alongwith associated bays	400/220 kV, 500 MVA ICT-1 400 kV ICT bays- 1 220 kV ICT bays- 1
2.	1x500 MVA, 400/220 kV ICT augmentation at Kochi (PGCIL) alongwith associated bays	400/220 kV, 500 MVA ICT-1 400 kV ICT bays- 1 220 kV ICT bays- 1

Implementation Timeframe: 15 months from date of MoP OM allocating the scheme

9) Restoring of one circuit of Kudankulam – Tuticorin PS 400 kV (quad) D/c line at Tirunelveli to control loadings/un-balancing on Kudankulam – Tirunelveli 400 kV (quad) lines



Annexure-I_MoP OM dated 16th July 2021 for additional scope under RTM by PRTL.pdf

Sl. No.	Scope of the Transmission Scheme	Capacity / line length km
1.	Restoring of one circuit of Kudankulam – Tuticorin PS 400 kV (quad) D/c line at Tirunelveli to control loadings/un-balancing on Kudankulam – Tirunelveli 400 kV (quad) lines	

Implementation Timeframe: Already Implemented (as intimated by PGCIL/CTUIL vide email dated 24.05.2021)

10) Implementation of 1 no. of 230 kV bay at Tuticorin-II GIS PS

Sl. No.	Scope of the Transmission Scheme	Capacity / line length km
1.	1 no. of 230 kV bay at Tuticorin-II GIS PS	230 kV line bay- 1

Implementation Timeframe: In matching timeframe of 230 MW solar Project of NTPC at Ettayapuram, Tuticorin, Tamil Nadu or 12 months from the date of MoP OM allocating the scheme, whichever is later.

Signature
16/7/21



सेंट्रल ट्रांसमिशन यूटिलिटी ऑफ इंडिया लिमिटेड
CENTRAL TRANSMISSION UTILITY OF INDIA LIMITED
 (Wholly Owned Subsidiary of Power Grid Corporation of India Limited)
 (A Government of India Enterprise)

Ref: C/CTUIL/OM/02

Date: 02.12.2021

Director (Projects)
 Power Grid Corporation of India Limited
 Saudamini, Plot No.2, Sector 29
 Gurgaon (Haryana) – 122001

Chief Executive Officer
 M/s POWERGRID Ramgarh Transmission
 Ltd.
 C/o ED (TBCB),
 Power Grid Corporation of India Limited
 Saudamini, Plot No.2, Sector 29
 Gurgaon (Haryana) – 122001

Sub: Implementation of new Transmission Schemes under Regulated Tariff Mechanism (RTM)

Dear Sir,

Ministry of Power vide OM dated 01.12.2021 awarded following new transmission schemes to CTUIL for their implementation under RTM mode by agencies as indicated in the table below:

Sl. No.	Elements	Agency
1.	Transmission system strengthening beyond Kolhapur for export of power from Solar & Wind energy Zones in Southern Region-Re-conductoring of Kolhapur (PG) – Kolhapur 400kV D/c line	PGCIL
2.	Augmentation of 1x500MVA, 400/220kV ICT (3 rd) at Bhatapara (PG)	PGCIL
3.	Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E1	M/s PRTL – Powergrid Ramgarh Transmission Limited
4.	Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E2	M/s PRTL – Powergrid Ramgarh Transmission Limited
5.	Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part J	PGCIL
6.	System Strengthening scheme for Re-conductoring of portion of Dulhasti-Kishtwar-Kishenpur 400kV (Quad) S/c	PGCIL
7.	Grant of 400kV & 220kV bays to RE generators at Fatehgarh-III (erstwhile Ramgarh-II) PS under ISTS	M/s PRTL – Powergrid Ramgarh Transmission Limited
8.	1x500MVA, 400/220kV ICT augmentation (3 rd) at Sohawal (PG) under system strengthening	PGCIL
9.	One no. of 220kV bay at Chamera Pooling point for 2 nd Circuit stringing of 220kV Karian – Chamera Pool line under implementation by HPPTCL	PGCIL
10.	220kV bays at 400kV substation PGCIL Khatkar (Jind) & Naggal (Panchkula) substation	PGCIL

Copy of MoP OM in this regard is enclosed. The Detailed scope of work along with implementation time-frame for each scheme is as per the OM enclosed. However, implementation time-frame for



schemes mentioned at Sl. No. 2, 3, 4, 5 and 2 nos. of 400kV bays from the scope of scheme mentioned at Sl. No. 7 shall be intimated separately. Further, scheme mentioned at Sl. No. 6 is to be implemented by April, 2025 i.e. matching timeframe of Pakaldul HEP generation.

Respective agencies shall enter into concession agreement with CTUIL for implementation of the aforementioned Transmission Schemes. However, pending finalization of Concession Agreement, it is requested to initiate necessary activities for implementation of the aforementioned Transmission Schemes.

This is for your kind information and necessary action please.

Yours faithfully,


2/12/21

(P. C. Garg)

Chief Operating Officer



Dated: 1st December, 2021

OFFICE MEMORANDUM

Subject: New transmission schemes to be taken up under Regulated Tariff Mechanism (RTM).

The undersigned is directed to inform that Hon'ble Minister for Power has approved the implementation of following transmission schemes, which were recommended by 5th meeting of the National Committee on Transmission (NCT), under the Regulated Tariff Mechanism (RTM) mode by agencies as indicated in the table below:


Sl. No.	Elements	Agency
1.	Transmission system strengthening beyond Kolhapur for export of power from Solar & Wind Energy Zones in Southern Region- Re-conductoring of Kolhapur (PG) – Kolhapur 400 kV D/c line	PGCIL
2.	Augmentation of 1x500 MVA, 400/220 kV ICT (3rd) at Bhatapara (PG)	PGCIL
3.	Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E1	PGCIL
4.	Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E2	PGCIL
5.	Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part J	PGCIL
6.	System Strengthening scheme for Reconductoring of portion of Dulhasti-Kishtwar- Kishenpur 400 kV (Quad) S/c	PGCIL
7.	Grant of 400kV & 220kV bays to RE generators at Fatehgarh-III (erstwhile Ramgarh-II) PS under ISTS	M/s PRTL- Powergrid Ramgarh Transmission Limited)
8.	1x500 MVA, 400/220 kV ICT augmentation (3rd) at Sohawal (PG)) under system strengthening	PGCIL
9.	One no of 220kV bay at Chamera Pooling point for 2 nd Circuit stringing of 220 kV Karian – Chamera Pool line under implementation by HPPTCL	PGCIL
10.	220 kV bays at 400 kV substation PGCIL Khatkar (Jind) & Naggal (Panchkula) substation	PGCIL



Quesha
11/12/2021

2. Detailed scope of works for the above schemes, as recommended by the NCT is at Annexure.
3. These schemes are awarded to CTUIL for their implementation under RTM mode. The CTUIL is requested to take necessary action for entering into a concession agreement with agencies as mentioned in table at para 1 above, for implementation of these schemes.
4. This issues with the approval of Competent Authority.

Encl: as stated.


11/02/2011
(Bihari Lal)

Under Secretary (Trans)
Tele: 011-23325242

To:
COO, CTUIL,
Gurugram.

Copy to:

1. Chairperson, Central Electricity Authority, New Delhi..
2. CMD, PGCIL, Gurugram.



Detailed scope of works for new ISTS schemes in Western Region for implementation through RTM route

1. Re-conductoring of Kolhapur (PG) – Kolhapur 400 kV D/c line

Sl. No.	Scope of the Transmission Scheme	Capacity /km
1.	Re-conductoring of Kolhapur (PG) – Kolhapur 400 kV D/c line with conductor of minimum capacity of 2100 MVA/Ckt at nominal voltage along with bay up-gradation work at Kolhapur (MSETCL).	Re-conductoring length – 60 km approx. 400 kV bay upgradation- 2 nos.

Implementation timeframe: 15 months from date of issue of MoP OM.

2. Augmentation of 1x500 MVA, 400/220 kV ICT (3rd) at Bhatapara (PG)

Sl. No.	Scope of the Transmission Scheme	Capacity /km
1.	Augmentation of 1x500 MVA, 400/220 kV ICT (3 rd) at Bhatapara (PG)	400/220 kV, 500 MVA ICT –1 nos. 400 kV ICT bays – 1 nos. 220 kV ICT bays – 1 nos.
Approximate cost (Rs. Cr)		30

Note: To be implemented in the timeframe of implementation of LILO of one circuit of Bhatapara (PG) – Suhela 220 kV T/c line at Bhatapara (CSPTCL) under intra-state.

Implementation timeframe: 15 months from date of issue of MoP OM or implementation of LILO of one circuit of Bhatapara (PG) – Suhela 220 kV T/c line at Bhatapara (CSPTCL) under intra-state, whichever is later.



Handwritten signature and date: 11/2/2021

Detailed scope of works for new ISTS schemes in Northern Region for implementation through RTM route

3. 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
1.	Establishment of 3x1500 MVA 765/400kV & 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, 765kV & 2x125 MVA, 420kV Bus Reactors	765/400kV 1500 MVA ICT: 3 nos (10x500 MVA, including one spare unit) 330 MVA, 765 kV bus reactor- 2 (7x110 MVA, including one spare unit) 765kV ICT bays - 3 nos. 400/220 kV, 500 MVA ICT - 3nos. 400 kV ICT bays –6 nos. 220 kV ICT bays - 3 nos. 765 kV line bays - 2nos. 765kV reactor bay- 2 nos. 125 MVA, 420kV bus reactor - 2 nos. 420 kV reactor bay - 2 nos.

Note: Provision of suitable sectionalization shall be kept at Fatehgarh-3 at 400kV & 220kV level to limit short circuit level

Implementation Timeframe: 18 months from MoP OM or matching timeframe of Transmission system for evacuation of power from REZ in Rajasthan (20 GW) under Phase III - Part A1, whichever is later.

4. Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E2

Sl. No.	Scope of the Transmission Scheme	Capacity /km
1.	Augmentation of 3x1500 MVA 765/400kV & 2x500 MVA 400/220 kV pooling station at Fatehgarh-3 (new section)	765/400kV 1500 MVA ICT:3 nos. 400/220 kV 500 MVA ICT:2 nos 765kV ICT bay – 3 nos 400kV ICT bay -5 nos. 220 kV ICT bay- 2nos

Note: Implementation to be taken up at later stage based on evacuation requirement beyond 3000 MW cumulative at Fatehgarh-3 (new section) & Fatehgarh-4 PS.



Signature
1/12/2011

Implementation Timeframe: 15 months from MoP OM or evacuation requirement beyond 3000 MW cumulative at Fatehgarh-3 (new section) & Fatehgarh-4 PS, whichever is later.

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

Sl.No.	Scope of the Transmission Scheme	Capacity /km	Implementation Timeframe- 15 months from MoP OM or conditions as given below, whichever is later.
1.	Augmentation with 400/220kV, 1x500MVA Transformer (10 th) at Fatehgarh-2 PS	400/220kV 500 MVA ICT:1 no 400 kV ICT bays – 1 nos. 220 kV ICT bays – 1 nos.	<ul style="list-style-type: none"> Evacuation requirement beyond 4490 MW at 220 kV level of Fatehgarh-2 Presently 3660 MW LTA granted at 220 kV level of Fatehgarh-2
2.	Augmentation with 765/400kV, 1x1500MVA Transformer (5 th) at Bhadla-2 PS	765/400kV 1500 MVA ICT: 1 no. 765kV ICT bays – 1no. 400 kV ICT bays – 1 no.	<ul style="list-style-type: none"> Evacuation requirement beyond 4000 MW at Bhadla-2 PS At present 5945MW Stage-II connectivity applications and 2645 MW LTA applications granted at Bhadla-2 PS.
3.	Augmentation with 765/400kV, 1x1500MVA Transformer (3 rd) at Bikaner (PG)	765/400kV 1500 MVA ICT: 1 no 765kV ICT bays – 1no. 400 kV ICT bays – 1 no.	<ul style="list-style-type: none"> Evacuation requirement beyond 3900 MW LTA at Bikaner(PG) /Bikaner-2 PS At present 3935 MW Stage-II connectivity applications and 2975 MW LTA applications granted at Bikaner/Bikaner-2 PS.
4.	Augmentation of 1x1500 MVA ICT (3 rd), 765/400kV ICT at Jhatikara Substation (Bamnoli/Dwarka section)	765/400kV 1500 MVA ICTs : 1 no 765kV ICT bays – 1no. 400 kV ICT bays – 1 no.	In matching timeframe of Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part D

Q. S. S.
1/12/2011



6. System Strengthening scheme for reconductoring of portion of Dulhasti-Kishtwar-Kishenpur 400 kV (Quad) S/c”

Sl. No.	Scope of the Transmission Scheme	Capacity /km
1.	Reconductoring of Dulhasti-Ratle LILO tap Point of Dulhasti - Kishenpur 400 kV line (approx. 13 kms) implemented through twin moose conductor, with Quad moose conductor in matching time frame of Pakaldul HEP generation.	Length – 13 km

Implementation Timeframe: In matching time frame of Pakaldul HEP generation.

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

Sl. No.	Scope of the Transmission Scheme	Capacity /km
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. 220kV line bays - 6 nos. 400kV bus sectionaliser: 1 no. 220kV bus sectionalizer: 1 no.

Implementation Timeframe: 15 months from MoP OM.

8. 1x500 MVA, 400/220 kV ICT augmentation (3rd) at Sohawal (PG) under system strengthening”

Sl.No.	Scope of the Transmission Scheme	Capacity /km
1	Augmentation with 400/220kV, 1x500 MVA Transformer (3 rd) at Sohawal (PG)	400/220kV 500 MVA ICT: 1 no 400 kV ICT bays – 1 nos. 220 kV ICT bays – 1 nos.

Implementation Timeframe: 15 months from MoP OM.



Qesha
11/2/2011

9. One no of 220 kV bay at Chamera Pooling point for 2nd Circuit stringing of 220 kV Karian – Chamera Pool line”

Sl. No.	Scope of the Transmission Scheme	Capacity /km
1	One no of 220kV bay at Chamera Pooling point (PG) for 2 nd Circuit stringing of 220 kV Karian – Chamera Pool line	220 kV line bay -1 no

Implementation Timeframe: 12 months from MoP OM

10. 220 kV bays at 400 kV substation PGCIL Khatkar (Jind) & Naggal (Panchkula) substation”

Sl. No.	Scope of the Transmission Scheme	Capacity /km	Implementation timeframe
1	220 kV bays at 400 kV substation PGCIL Khatkar (Jind) for LILO of both circuits of 220 kV Jind HVPNL to PTPS D/C line at 400 kV substation PGCIL Khatkar (Jind)	220 kV line bays -2 nos	July' 2023
2	220 kV bays at 400 kV PGCIL Naggal (Panchkula) substation for 220 kV D/C line from 400 kV PGCIL Naggal (Panchkula) to proposed 220 kV substation Sadhaura	220 kV line bays -2 nos	September' 2023

Signature
1/12/2021.



Ref.: C/CTU/AI/00/12th CCTP

21st April 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
Western Region		
1.	Implementation of 1 no. 220kV bay at Parli(PG) for interconnection of RE project of M/s Renew Tej Shakti Pvt Ltd. (RTSPL).	Power Grid Corporation of India Ltd.
Northern Region		
2.	Implementation of Bus Sectionalizer at 400kV level of 765/400/220kV Fatehgarh-III PS (Section-2)	Power Grid Corporation of India Ltd.
3.	Augmentation of transformation capacity at Amargarh (GIS) S/s by 1x315 MVA, 400/220kV ICT (3 rd)	NRSS XXIX Transmission Ltd. (NTL) (a subsidiary of India Grid Trust)
Eastern Region		
4.	Eastern Region Expansion Scheme-XXXVI (ERES-XXXVI)	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.



Jasbir Singh
(Jasbir Singh) 21/04/23
Chief 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. Shri Lokendra Singh Ranawat Head (Regulatory) NRSS XXIX Transmission Ltd (NTL) (a subsidiary of India Grid Trust) Unit No. 101, First Floor, Windsor, Village Kolekalyan, Off CST Road, Vidyanagari Marg, Kalina, Santacruz (East), Mumbai – 400 098</p>
--	---

Copy to:

<p>1. Shri Ishan Sharan 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, Shram Shakti Bhawan, Rafi Marg, New Delhi 110 001</p>
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Western Region

1. Implementation of 1 no. 220kV bay at Parli(PG) for interconnection of RE project of M/s Renew Tej Shakti Pvt Ltd. (RTSPL)

Sl. No.	Scope of the Transmission Scheme	Item Descriptions	Implementation Timeframe.
1.	220kV line bay at Parli(PG) S/s for interconnection of Renew Tej Shakti Pvt. Ltd. (RTSPL)	• 220 kV line bay – 1no.	30.04.2025
Total Estimated Cost:			₹ 5.84 Crore

Northern Region

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

Sl. No.	Scope of the Transmission Scheme	Item Description	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	Matching with Ph-III Part-E1 package (refer note 1)
Total Estimated Cost:			₹ 17.11 Crore

Note: -

1. As per MOP OM dated 01.12.21, Phase-III Part E1 implementation timeframe is to be matched with Phase-III Part A1. It is expected that SPV of Phase-III Part A1 package may be transferred by Jun'23 (18 months schedule) (LOI issued by BPC).

3. Augmentation of transformation capacity at Amargarh (GIS) S/s by 1x315 MVA, 400/220kV ICT (3rd)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation timeframe
1	Augmentation of transformation capacity at Amargarh (GIS) S/s by 1x315MVA 400/220 kV ICT (3 rd) (three single phase units of 105MVA) along with associated transformer bays* *along with GIB (420kV & 245kV 1-ph indoor and outdoor GIB)	• 315 MVA, 400/220 kV ICT– 1 no. (three nos. single phase units of 105MVA) • 400 kV ICT bay (GIS) – 1no. + 1no. additional bay for diameter completion (refer note 2) • 220 kV ICT bay (GIS) – 1 no.	21 months from the issue of OM by CTUIL (refer note 1)
Total Estimated Cost:			₹ 82.04 Crore

Note: -



1. Best efforts shall be carried out to implement the transmission scheme within 18 months from the issue of OM by CTUIL
2. One complete 400kV diameter (3 breakers) shall be implemented.

Eastern Region

4. Eastern Region Expansion Scheme-XXXVI (ERES-XXXVI)

<i>Sl. No.</i>	<i>Scope of the Transmission Scheme</i>	<i>Item Description</i>	<i>Implementation timeframe</i>
1	Installation of new 220/132kV, 1x200MVA (4 th) ICT at Ara (POWERGRID) S/s with associated bays in AIS (220kV bay no. 203 & 132kV bay no. 6) including uprating of 132kV existing bus.	<ul style="list-style-type: none"> • 220/132kV, 1x200MVA ICT (4th) – 1 no. • 220kV ICT bay – 1 no. • 132kV ICT bay – 1 no. 	18 months from the issue of OM by CTUIL.
2	Interconnection between 132kV side of 4 th ICT and 132kV ICT bay (no. 6) through 1C, 1200sqmm XLPE Cu cable.	<ul style="list-style-type: none"> • 1C, 1200sqmm XLPE Cu cable – 1 km (4 runs, each of 250m) 	
Total Estimated Cost:			₹ 26.81 Crore



Ref.: C/CTU/AI/00/12th CCTP

8th June 2023

AMENDMENT TO OFFICE MEMORANDUM DATED 21.04.2023

Sub: Inter-State Transmission Schemes (costing up to Rs.100 Cr.) to be taken up for implementation under Regulated Tariff Mechanism (RTM) – Modification in the name of Implementing Agency of Transmission Scheme “Implementation of Bus Sectionalizer at 400kV level of 765/400/220kV Fatehgarh-III PS (Section-2)” allotted vide CTU OM Ref. No. C/CTU/AI/00/12th CCTP dated 21.04.2023.

This is with reference to Office Memorandum Ref No. C/CTU/AI/00/12th CCTP dated 21.04.2023 issued by CTU wherein Transmission Scheme “Implementation of Bus Sectionalizer at 400kV level of 765/400/220kV Fatehgarh-III PS (Section-2)” was approved to be implemented by POWERGRID.

Subsequently, POWERGRID vide email dated 21.04.2023 informed that since, the Fatehgarh-III PS is being implemented by “POWERGRID Ramgarh Transmission Ltd.” The same may be reviewed.

In view of the above, the name of the implementing agency of Transmission Scheme “Implementation of Bus Sectionalizer at 400kV level of 765/400/220kV Fatehgarh-III PS (Section-2)” is modified as below:

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

Sl. No.	Name of Transmission Scheme	Implementing Agency
Northern Region		
1.	Implementation of Bus Sectionalizer at 400kV level of 765/400/220kV Fatehgarh-III PS (Section-2)	POWERGRID Ramgarh Transmission Ltd.

This letter shall form an integral part of Office Memorandum Ref. No. C/CTU/AI/00/12th CCTP dated 21.04.2023 issued by CTU.

This issues with the approval of Competent Authority.



Jasbir Singh
(Jasbir Singh) 08/06/23
Chief General Manager

Encl: as stated.

To:

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



Form-I

1. Particulars of the Applicant

Sl No	Particulars	Particulars
I	Name of the Petitioner /Applicant	POWERGRID Ramgarh Transmission Limited (Formerly known as Ramgarh New Transmission Limited)
ii	Status	Public Limited Company
	Subject Matter	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 for grant of separate Transmission License to POWERGRID Ramgarh Transmission Limited for implementation of scope of work as detailed in the Petition through the RTM mode.
iii	Address of the Petitioner/Applicant	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	Details of Fees Remitted	
	a) UTR No.	Appropriate fee for grant of transmission license may need to be adjusted from earlier filed fee in Petition 146/TL/2019 in compliance to the liberty granted by Hon'ble Commission.
	b) Date of Remittance	
	c) Amount Remitted	
	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:

i. **As per the Ministry of Power notification no. 15/3/2018-Trans Pt(1) dated 16th July 2021:**

Implementation of the 400 kV bays for RE generators at Fatehgarh-III (erstwhile Ramgarh-II) PS.

S.No	Name (Location)	Voltage level	Transformer	Reactive/ capacitive compensation	No of bays
1	Fatehgarh-3 (new section*)	400 KV	NIL	NIL	400 kV - 01 no

ii. **CTUIL OM – 02.12.2021 - Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E-1:-**

Implementation of the 400 kV bays under ISTS: Implementation of 400kV bays to RE generators at Bhadla-II PS, Fatehgarh-II, & Fatehgarh-III (erstwhile Ramgarh-II) PS under ISTS.

S.No	Name (Location)	Voltage level	Transformer	Reactive/ capacitive compensation	No of bays
1	Fatehgarh-3 (new section*)	765/400 kV	765/440 kV 1500 MVA ICT: 3 Nos. (10x500) MVA, including one spare unit) 400/220KV, 500MVA ICT-3 nos.	330MVAr 765 KV bus reactor - 2 (7x110 MVAr including one spare unit) 125 MVAr, 420 kV bus reactor - 2 nos.	765 kV ICT bays-3 nos. 400 kV ICT bays 6 nos. 220 kV ICT bays 3 nos. 765kV line bays -2 Nos. 765kV reactor bays - 2 nos



S.No	Name (Location)	Voltage level	Transformer	Reactive/ capacitive compensation	No of bays
					420 kV reactor bays -2 nos.

- iii. **CTUIL OM – 02.12.2021 - (ii) Transmission system for evacuation of power from REZ in Rajasthan (20GW) under phas-III Part E-2:-**

S.No	Name (Location)	Voltage level	Transformer	Reactive/ capacitive compensation	No of bays
1	Fatehgarh-3 (new section*)	765/400 kV	1. 765/440 kV 1500 MVA ICT: 3 Nos. (10x500) MVA, including one spare unit) 2. 400/220KV, 500MVA ICT- 2 nos.		765 kV ICT bay-3 nos. 400 kV ICT bay-5 nos. 220 kV ICT bays- 2 nos.

- iv. **CTUIL OM – 02.12.2021 - Grant of 400 & 220 kV bays to RE generators at Fatehgarh - III (erstwhile Ramgarh-II) PS under ISTS :-**

S. No	Name (Location)	Voltage level	Transf ormer	Reactive/ capacitive compensat ion	No of bays
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	400 kV & 220 kV	NIL	NIL	400 kV line bays -3 nos. 220 kV line bays-6 nos.



S. No	Name (Location)	Voltage level	Transformer	Reactive/capacitive compensation	No of bays
	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.

- v. **CTUIL OM – 08.06.2023 - Implementation of Bus Sectionalizer at 400kV level of 765 / 400 / 220 kV Fatehgarh - III PS (Section-2)**

S.No	Name (Location)	Voltage level	Transformer	Reactive/capacitive compensation	No of bays
2	765/400/220kV Fatehgarh-III PS (Section-2)	400 kV	NIL	NIL	400 kV Bus sectionalizer - 1 set

I. **Detailed implementation schedule is as under:**

- Implementation of the 400 kV bays for RE generators at Fatehgarh-III (erstwhile Ramgarh-II) PS – 20.09.2025
- Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E-1:- **01.02.2025**
- Transmission system for evacuation of power from REZ in Rajasthan (20GW) under phas-III Part E-2:-

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



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

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	30.07.2024
4	1 no. 220kV line bays Fatehgarh-III	31.12.2024
5	1 no. 220kV line bays Fatehgarh-III	31.03.2025
6	1 no. 220kV line bays 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

- e. implementation of scope of Bus Sectionalizer at 400kV level of 765/400/220 kV Fatehgarh-III PS (Section-2) – **01.02.2025**

II. DICs:

- 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 Power Development Deptt., Govt. of Jammu & Kashmir
- 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



(e) Any other relevant information : Nil

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

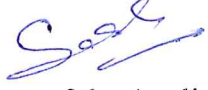
(a) Recommendation of selection
by the empowered committee

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

} Not applicable

Date: 29.12.2023

Place: Jaisalmer


Signature of the Applicant

एस.के.मिश्रा / S.K.Mishra
परियोजना प्रभारी / Project In-Charge
पावरग्रिड रामगढ़ ट्रांसमिशन लिमिटेड
POWERGRID RAMGARH TRANSMISSION LIMITED
(100% Subsidiary of POWERGRID)