

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

Petition under Section 14 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission License and other related matters) Regulations, 2024 for grant of separate RTM Transmission License to POWERGRID Bhadla III Transmission Limited.

APPLICATION NO :.....

POWERGRID Bhadla III 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**

APPLICATION No :

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POWERGRID Bhadla III Transmission Limited

.....**PETITIONER**

AND

Uttar Pradesh Power Corporation Ltd.

And others

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

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**Applicant
POWERGRID Bhadla III Transmission Limited**

Place: New Delhi

Date:


**Represented by
Project Incharge,
POWERGRID Bhadla III Transmission Limited**



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AND

Uttar Pradesh Power Corporation Ltd.

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

And others

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

To
The Secretary
Central Electricity Regulatory Commission
New Delhi

Sir,

The Petition filed under Section 14 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission License and other related matters) Regulations, 2024 for grant of separate RTM Transmission License to POWERGRID Bhadla III Transmission Limited may please be registered.

**Applicant
POWERGRID Bhadla III Transmission Limited**



Place: New Delhi

**Represented by
Project Incharge,**

Date:

POWERGRID Bhadla III Transmission Limited



**BEFORE
THE CENTRAL ELECTRICITY REGULATORY COMMISSION
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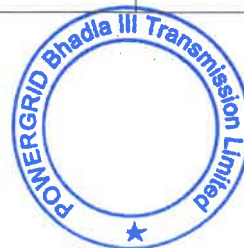
MEMO OF PARTIES

POWERGRID Bhadla III Transmission Limited

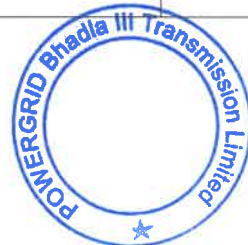
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Address for correspondence: C/o ED (TBCB), Power Grid Corporation of India Limited, Saudamini, Plot no.2, Sector -29, Gurgaon 122001

VERSUS

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



| | | |
|----|--|---------------|
| 3. | Jaipur Vidyut Vitran Nigam Ltd. 132 kV, GSS RVPNL Sub-station Building, Caligiri Road, Malviya Nagar, Jaipur-302017 (Rajasthan). Represented by its Managing Director. | ...Respondent |
| 4. | Jodhpur Vidyut Vitran Nigam Ltd. New Power House, Industrial Area , Jodhpur – 342 003 (Rajasthan) Represented by its Managing Director. | ...Respondent |
| 5. | Himachal Pradesh State Electricity Board Ltd, Vidyut Bhawan, Kumar House Complex Building II, Shimla- 171004 (Himachal Pradesh). Represented by its Chairman | ...Respondent |
| 6. | Punjab State Power Corporation Limited the Mall, PSEB head office, Patiala - 147 001 Represented by its Chairman and Managing Director | ...Respondent |
| 7. | Haryana Power Purchase Centre, Shakti Bhawan, Sector-6, Panchkula-134109 (Haryana). Represented by its S.E. / C & R-1 | ...Respondent |
| 8. | Jammu Kashmir Power Corporation Limited 220/66/33 kV Gladni SS SLDC buliding Narwal, Jammu Represented by its Chairman | ...Respondent |
| 9. | BSES Yamuna Power Ltd. (BYPL) B-Block, Shakti Kiran, Bldg. (Near Karkardooma Courts), Karkardoomam 2nd Floor, New Delhi-110092 Represented by its CEO | ...Respondent |
| 10 | BSES Rajdhani Power Ltd. (BRPL) BSES Bhawan, Nehru Place, New Delhi-110019. Represented by its CEO | ...Respondent |
| 11 | Tata Power Delhi Distribution Ltd. (TPDDL) NDPL House, Hudson Lines, Kingsway Camp, Delhi-110009. Represented by its CEO | ...Respondent |
| 12 | Chandigarh Administration Sector -9, Chandigarh. Represented by its Chief Engineer | ...Respondent |
| 13 | Uttarakhand Power Corporation Ltd. Urja Bhawan, Kanwali Road, Dehradun (Uttarakhand). Represented by its Managing Director. | ...Respondent |



Chimmy

| | | |
|-----|--|---------------|
| 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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Application No.....

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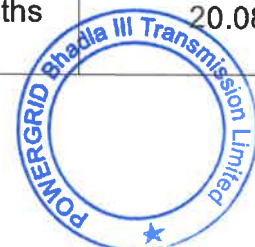
.....RESPONDENT(S)

Application

The Petitioner respectfully submits as under:

1. The Petitioner, **POWERGRID Bhadla III Transmission Limited** ("hereinafter referred to as Petitioner") is a Wholly Owned Subsidiary of Power Grid Corporation of India Limited (POWERGRID).
2. The Petitioner is an Inter-State Transmission Licensee and is implementing the "Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part B1" on build, own, operate and transfer basis (hereinafter referred to as "TBCB Project") consisting of the following elements:

| Sl. No. | Name of the Transmission Element | SCOD from Effective Date | Percentage of Quoted Transmission Charges |
|---------|--|--------------------------|---|
| 1. | Establishment of 2x1500 MVA 765/400kV & 3x500 MVA 400/220 kV pooling station | 18 months | 20.08% |



Ommy

| | | |
|---|--|--------|
| <p>at Bhadla-3 along with 2x330 MVA (765kV) Bus Reactor & 2x125 MVA (420kV) Bus Reactor</p> <ul style="list-style-type: none"> · 765/400kV 1500 MVA ICTs: 2 nos. (7x500 MVA including one spare unit) · 765kV ICT bays - 2 nos. · 400/220 kV, 500 MVA ICT – 3 nos. · 765kV line bays - 2 nos. · 400 kV ICT bays – 5 nos. · 220 kV ICT bays - 3 nos. · 220 kV line bays: 5 nos. · 330 MVA Bus Reactor-2 nos. (7x110 MVA, including one spare unit) · 765kV reactor bay - 2 nos. · 125 MVA, 420kV bus reactor - 2 nos. · 420 kV reactor bay - 2 nos. <p>Future provisions: Space for</p> <ul style="list-style-type: none"> · 765/400kV ICTs along with bays: 2 nos. · 765kV line bay along with switchable line reactor: 6 nos. · 765kV line bay: 4 nos. · 765kV Bus Reactor along with bays: 2 nos. · 400/220 kV ICTs along with bays: 10 nos. · 400 kV line bays: 8 nos. · 400 kV line bays along with switchable line reactor: 8 Nos. · 400kV Bus Reactor along with bays: 2 nos. · 400kV Sectionalization bay: 2 sets · 220 kV line bays: 12 nos. · 220kV sectionalization bay: 2 sets | | |
| <p>2. Bhadla -3 PS – Sikar - II S/s 765 kV D/c line along with 330 MVA Switchable line reactor for each circuit at each end of Bhadla -3 PS – Sikar -II S/s 765 kV D/c line</p> <ul style="list-style-type: none"> · Switching equipment for 765 kV 330 MVA switchable line reactor – 4 nos. · 765 kV, 330 MVA Switchable line reactor - 4 nos. | | 78.16% |



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| | | | |
|----|--|--|-------|
| 3. | 765 kV line bays at Sikar -II · 765 kV line bays – 2 nos. | | 1.76% |
|----|--|--|-------|

Note:

- i. Provision of suitable sectionalization shall be kept at Bhadla-3 at 400 kV & 220 kV level to limit short circuit level.*
- ii. Developer of Sikar-II S/s to provide space for 2 nos. of 765 kV line bays at Sikar-II S/s along with space for switchable line reactors.*
- iii. Space provision for future 2 nos. 220kV Bus Coupler bay and 2 nos. Transfer Bus Coupler Bay shall be kept for bus switching scheme requirement.*

3. This Hon'ble Commission vide order dated 29.02.2024 passed in Petition No. 344/TL/2023 has granted transmission license (TBCB License) to the Petitioner for aforesaid TBCB Project.

Copy of the order dated 29.02.2024 passed in Petition No. 344/TL/2023 is attached as **Annexure-1**.

4. Subsequently, CTUIL vide OM dated 14.06.2024 has assigned the Transmission Project "**Implementation of 01 no. of 400 kV line bay at 765/400/220 kV Bhadla-III PS for interconnection of M/s ReNew Solar (Shakti Six) Pvt. Ltd.**" to Petitioner under RTM mode. The detailed scope is as follows;

| S.No | Scope of the Transmission Scheme | Capacity/km | Implementation on timeframe |
|------------------------------|--|------------------------|------------------------------------|
| 1. | 1 no. of 400 kV line bay at 765/400/220 kV Bhadla-III PS for interconnection of RE project (M/s ReNew Solar (Shakti Six) Pvt. Ltd. | 400 kV line bay – 1 no | 31.03.2026 |
| Total Estimated Cost: | | | Rs 13.37 Crs |

Copy of the CTUIL OM dated 14.06.2024 is attached as **Annexure -2**.

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



Signature

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

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

4. Eligibility for Grant of licence

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

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

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

7. That, considering the above, instant Petition is being filed for grant of separate RTM Transmission License to POWERGRID Bhadla-III Transmission Limited to implement the transmission project "**Implementation of 01 no. of 400 kV line bay at 765/400kV/220 kV Bhadla-III PS for interconnection of M/s ReNew Solar (Shakti Six) Pvt. Ltd.**" as detailed at para 4 under Section 14 of the Electricity Act, 2003 read with Regulation 4(1)(b) of the Transmission License Regulations, 2024 and the Petitioner meets the eligibility criterion.
8. The Petitioner humbly submits that this Hon'ble Commission may be pleased to grant the separate RTM Transmission License to Petitioner to include scope of works under RTM as detailed at para 4 hereinabove.
9. It is submitted that upon grant of the separate RTM Transmission License, the Petitioner shall implement the aforementioned scheme under RTM mode. On completion of the Project, the Petitioner shall approach the Hon'ble Commission with the actual cost incurred for determination of transmission charges in accordance with Section 61, 62 of the Electricity Act, 2003 and Tariff Regulations in vogue as per 10 (2) of the Transmission License Regulations, 2024.
10. It is respectfully submitted that in terms of Transmission License Regulations, Petitioner has fulfilled the following:



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



11. It is submitted that Section 14 of the Electricity Act, 2003 empowers the Appropriate Commission to grant the transmission License and as such this Hon'ble Commission has jurisdiction to grant the separate RTM transmission license to the Petitioner for implementation of scope of works as detailed at para 4 above.

12. PRAYER

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

- a) Grant the separate RTM Transmission License to Petitioner to implement transmission project "Implementation of 01 no. of 400 kV line bay at 765/400kV/220 kV Bhadla-III PS for interconnection of M/s ReNew Solar (Shakti Six) Pvt. Ltd." as detailed at para 4 hereinabove.; and
- b) Allow the Petitioner the liberty to approach the Hon'ble Commission with actual cost on completion of works for determination of transmission charges for the aforementioned additional scope in accordance with the Transmission License Regulations, 2024.
- c) Condone any inadvertent omissions/ shortcomings/ errors and permit the Petitioner to add/ modify/ alter this Petition and make further submissions as may be required at a future date.
- d) Pass such other order / orders, as may be deemed fit and proper in the facts & circumstances of the case.

Place:

Applicant
POWERGRID Bhadla III Transmission Limited
Represented by



Date:

Project Incharge,
POWERGRID Bhadla III Transmission Limited



**BEFORE
THE CENTRAL ELECTRICITY REGULATORY COMMISSION
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AND

Uttar Pradesh Power Corporation Ltd.
And others

.....RESPONDENT(S)

AFFIDAVIT

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

1. I am the Authorised Signatory of the Applicant Company in the above matter and I am duly authorized by the Applicant Company to affirm this affidavit. I say that I am conversant with the facts and circumstances of this case.
2. The statements made in paragraphs of the application, are true to my knowledge and belief based on the information received and I believe them to be true.
3. I say that there are no proceedings pending in any court of law / tribunal or arbitrator or any other authority, wherein the Applicant is a party and where issues arising and / or reliefs sought are identical or similar to the issues in the matter pending before the Hon'ble Commission.

Deponent



VERIFICATION:

I, the Deponent above named hereby solemnly hereby affirm that the contents of the above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed therefrom. Verified by me on this the 01st day of October 2024 at Gurgaon.

ATTESTED

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



Deponent



**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Petition No. 344/TL/2023

**Coram:
Shri Arun Goyal, Member
Shri P.K. Singh, Member**

Date of Order: 29th February, 2024

In the matter of

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

And

In the matter of

Bhadla III Transmission Limited,
(Now known as 'POWERGRID Bhadla III Transmission Limited')
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, Gurugram-122 001

....Petitioner

Vs

1. Central Transmission Utility of India Limited,
Saudamini, Plot no.2, Sector -29,
Gurgaon 122001.
2. PFC Consulting Limited,
9th Floor, A-Wing, Statesman House,
Connaught Place, New Delhi-110001.
3. Adani Renewable Energy Holding Four Limited,
4th Floor, South Wing, Adani Corporate House,
Shantigram, S G Highway,
Ahmedabad 382421, Gujarat
4. Central Electricity Authority,
Sewa Bhawan,
R.K.Puram, New Delhi-110 066



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5. Northern Regional Power Committee,
18A, Shaheed Jeet Singh Sansanwal Marg,
Katwaria Sarai, New Delhi-110 016
6. Delhi Transco Limited,
Shakti Sadan, Kotla Road,
New Delhi-110 002
7. Grid Controller of India Limited,
(erstwhile Power System Operation Corporation Limited)
9th Floor, IFCI Towers,
61, Nehru Place, New Delhi-110 016
8. HPPTCL,
Himfed Bhawan, Panjari,
Shimla-171005, HP
9. UP Power Transmission Company Limited,
Shakti Bhawan Extn, 3rd floor,
14, Ashok Marg, Lucknow-226001, U.P
10. Punjab State Transmission Corporation Limited,
The Mall, Patiala-147001, Punjab
11. Power Transmission Corporation of Uttarakhand Limited,
Vidyut Bhawan, Near ISBT Crossing,
Saharanpur Road, Majra, Dehradun.
12. Development Commissioner (Power) Power,
Development Department Grid sub-station,
Complex, Janipur, Jammu
13. Rajasthan Rajya Vidyut Prasaran Nigam Limited,
Vidyut Bhawan, Jaipur-302005, Rajasthan
14. Haryana Vidyut Prasaran Nigam Limited,
Shakti Bhawan, Sector-6,
Panchkula-134109, Haryana
15. Administration of Chandigarh Electricity Department,
UT Secretariat Sector-9 D,
Chandigarh-161009

....Respondents

Parties present:

Shri Mani Kumar, BIITL
Shri Aditya Mahesh, BIITL
Ms. Priyadarshini, Advocate, PFCCL
Shri Yatin Sharma, PFCCL



Order in Petition No. 344/TL/2023

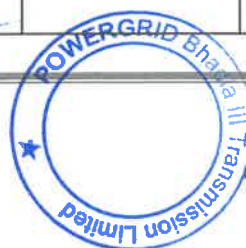
Page 2

Shri Deepak Kumar, PFCCL
Shri Dheeraj Kumar, PFCCL
Shri Venakatesh, CTUIL
Shri Ranjeet S. Rajput, CTUIL
Shri Akshyvat Kislav, CTUIL

ORDER

The Petitioner, Bhadla III Transmission Limited (now known as POWERGRID Bhadla III Transmission Limited), has filed the present Petition for the grant of a transmission licence under Sections 14 and 15 of the Electricity Act, 2003 (hereinafter referred to as "the Act") read with the Central Electricity Regulatory Commission (Procedure, Terms and Conditions for grant of Transmission Licence and other related matters) Regulations, 2009 (hereinafter referred to as " the Transmission Licence Regulations") to establish the Inter-State transmission system for "Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part B1" on Build, Own, Operate and Transfer (BOOT) basis (hereinafter referred to as "the Project") consisting of the following elements:

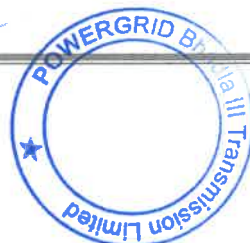
| S. No. | Name of the Transmission Element | Scheduled COD in months from Effective Date | Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element |
|---------------|--|--|--|
| 1. | Establishment of 2x1500 MVA 765/400kV & 3x500 MVA 400/220 kV pooling station at Bhadla-3 along with 2x330 MVA (765kV) Bus Reactor & 2x125 MVA (420kV) Bus Reactor · 765/400kV 1500 MVA ICTs: 2 nos. (7x500 MVA including one spare unit) · 765kV ICT bays - 2 nos. · 400/220 kV, 500 MVA ICT – 3 nos. | 18 months | Elements marked at Sl. No. 1, 2 & 3 are required to be commissioned simultaneously as their utilization is dependent on commissioning of each other. |



| | | | |
|----|---|--|--|
| | <ul style="list-style-type: none"> · 765kV line bays - 2 nos. · 400 kV ICT bays – 5 nos. · 220 kV ICT bays - 3 nos. · 220 kV line bays: 5 nos. · 330 MVAr Bus Reactor-2 nos. (7x110 MVAr, including one spare unit) · 765kV reactor bay - 2 nos. · 125 MVAr, 420kV bus reactor - 2 nos. · 420 kV reactor bay - 2 nos. <p>Future provisions: Space for</p> <ul style="list-style-type: none"> · 765/400kV ICTs along with bays: 2 nos. · 765kV line bay along with switchable line reactor: 6 nos. · 765kV line bay: 4 nos. · 765kV Bus Reactor along with bays: 2 nos. · 400/220 kV ICTs along with bays: 10 nos. · 400 kV line bays: 8 nos. · 400 kV line bays along with switchable line reactor: 8 Nos. · 400kV Bus Reactor along with bays: 2 nos. · 400kV Sectionalization bay: 2 sets · 220 kV line bays: 12 nos. · 220kV sectionalization bay: 2 sets | | |
| 2. | <p>Bhadla -3 PS- Sikar - II S/s 765 kV D/c line along with 330 MVAr Switchable line reactor for each circuit at each end of Bhadla -3 PS- Sikar -II S/s 765 kV D/c line</p> <ul style="list-style-type: none"> · Switching equipment for 765 kV 330 MVAR switchable line reactor – 4 nos. · 765 kV, 330 MVAr Switchable line reactor - 4 nos. | | |
| 3. | <p>765 kV line bays at Sikar -II</p> <ul style="list-style-type: none"> · 765 kV line bays – 2 nos. | | |

Note:

- i. Provision of suitable sectionalization shall be kept at Bhadla-3 at 400 kV & 220 kV level to limit short circuit level.
- ii. Developer of Sikar-II S/s to provide space for 2 nos. of 765 kV line bays at Sikar-II S/s along with space for switchable line reactors.
- iii. Space provision for future 2 nos. 220kV Bus Coupler bay and 2 nos. Transfer Bus Coupler Bay shall be kept for bus switching scheme requirements.



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2. Based on the competitive bidding carried out by the PFC Consulting Limited (PFCCL), in its capacity as the Bid Process Coordinator (BPC), in accordance with the Guidelines issued by the Ministry of Power, Government of India under Section 63 of the Act, Power Grid Corporation of India Limited was declared a successful bidder with the lowest quoted annual transmission charges of Rs. 2124.08 million per annum.

3. The Commission, after considering the application of the Petitioner in light of the provisions of the Act and the Transmission Licence Regulations, in its order dated 27.1.2024, *prima facie* proposed to grant a transmission licence to the Petitioner. The relevant extracts of the order dated 27.1.2024 are extracted as under:

"25. Considering the material on record, we are prima facie of the view that the Petitioner satisfies the conditions for the grant of an inter-state transmission licence under Section 15 of the Act read with the Transmission Licence Regulations 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 the grant of transmission licence aforesaid. The objections or suggestions, if any, be filed by any person before the Commission, by 15.2.2024."

4. A public notice under Sub-section (5) of Section 15 of the Act was published on 10.2.2024 in all editions of the Hindustan Times (English) and Rashtriya Sahara (Hindi). No suggestions/ objections have been received from members of the public in response to the public notice.

5. The case was called out for the hearing on 23.2.2024. It was submitted by the learned counsel for the Petitioner that, in response to a public notice published by the Commission, no objection has been received. The representative of the CTUIL submitted the present transmission system has been conceived through competitive bidding process and CTUIL has already recommended for the grant of the transmission licence to the subject transmission system. With regard to the approval



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of the Central Government as required under the Electricity (Transmission System Planning, Development and Recovery of Inter-state Transmission Charges) Rules, 2021 (Planning Rules) notified by the Ministry of Power on 1.10.2021, the representative of the CTUIL submitted the Ministry of Power vide Gazette Notification dated 24.1.2020 has notified the scheme. As per Rule 3(5), Planning Rules, all Inter-State transmission projects, along with their timeline for implementation, are required to be approved by the Central Government. Subsequently, the National Committee on Transmission (NCT) was reconstituted *vide* Ministry of Power Office Order dated 28.10.2021 as per the decision taken in a meeting held under the Chairmanship of the Minister of Power & NRE on 5.10.2021 to discuss the transmission related issues for renewable energy. In the above order dated 28.10.2021, it was decided that (a) for the ISTS Projects costing more than Rs. 500 crore, NCT shall recommend to the Ministry of Power for the implementation of such projects along with their mode of implementation, (b) for ISTS Projects costing between Rs. 100 crore to Rs. 500 crore, NCT shall approve such projects along with their mode of implementation under intimation to the Ministry of Power, and (c) for ISTS Projects costing less than or equal to Rs. 100 crore, CTUIL will approve such projects along with their mode of implementation under intimation to NCT and the Ministry of Power. In line with the above decision, for the ISTS Projects costing more than Rs. 500 crore, the Central Government approves these transmission projects through various Gazette Notifications. The Central Government also appoints Bid Process Coordinators for the approved transmission projects in the same Gazette. Accordingly, the appointment of BPC by the Ministry of Power's Gazette Notifications may be considered as approval of the transmission project.



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

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

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

7. In our order dated 27.1.2024, we had proposed to grant a transmission licence to the Petitioner company and directed the issue of a public notice. In response to the public notice, no suggestions/objections have been received. CTUIL, in its letter dated 1.12.2023, has recommended the grant of a transmission licence to the Petitioner. We find that the Petitioner company meets the requirements of the Act and the Transmission Licence Regulations for the grant of a transmission licence for the subject Transmission System mentioned at paragraph 1 of this order. Accordingly, we direct that a transmission licence be granted to the Petitioner, 'POWERGRID Bhadla III Transmission Limited' for the grant of an inter-State transmission licence for the establishment of the Inter-State Transmission System for the “Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part B1” on Build, Own, Operate and Transfer (BOOT) basis as per the details given in paragraph 1 above.

8. The grant of the transmission licence to the Petitioner (hereinafter referred to as “the licensee”) is subject to the fulfilment of the following conditions throughout the period of licence:



Signature

- (a) The transmission licence shall, unless revoked earlier, remain in force for a period of 25 years from the date of issue;
- (b) The transmission licensee shall comply with the provisions of the Transmission Licence Regulations or any subsequent enactment thereof during the period of subsistence of the licence;
- (c) The licensee may make an application, two years before the expiry of the initial licence period, for the grant of the transmission licence for another term in accordance with Regulation 13 (2) of the Transmission Licence Regulations, which shall be considered by the Commission in accordance with law;
- (d) The licensee shall not enter into any contract for or otherwise engage in the business of trading in electricity during the period of subsistence of the transmission licence;
- (e) The licensee shall have the liability to pay the license fee in accordance with the provisions of the Central Electricity Regulatory Commission (Payment of Fees) Regulations, 2012, as amended from time to time or any subsequent enactment thereof. Delay in payment or non-payment of licence fee or a part thereof for a period exceeding sixty days shall be construed as a breach of the terms and conditions of the licence;
- (f) The licensee shall comply with the directions of the National Load Despatch Centre under Section 26 of the Act, or the Regional Load Despatch Centre under sub-section (3) of Section 28 or sub-section (1) of Section 29 of the Act,



as may be issued from time to time for maintaining the availability of the transmission system;

(g) The licensee shall remain bound by the provisions of Central Electricity Regulatory Commission (Standard of Performance of inter-State transmission licensees) Regulations, 2012 or subsequent enactment thereof;

(h) The licensee shall provide the non-discriminatory open access to its Transmission System for use by any other licensee, including a distribution licensee or an electricity trader, or generating company or any other person in accordance with the Act; the Central Electricity Regulatory Commission (Open Access in inter-State Transmission) Regulations, 2008; the Central Electricity Regulatory Commission (Connectivity and General Network Access to the inter-State Transmission System) Regulations, 2023; the Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2023, as amended from time to time or any subsequent re-enactments thereof;

(i) The licensee shall not undertake any other business for optimum utilization of the Transmission System without prior intimation to the Commission and shall comply with the provisions of the Central Electricity Regulatory Commission (Sharing of Revenue Derived from Utilization of Transmission Assets for other business) Regulations, 2020;

(j) The licensee shall remain bound by provisions of the Central Electricity Regulatory Commission (Sharing of inter-State Transmission Charges and Losses) Regulations, 2020 as amended from time to time;



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- (k) The licensee shall remain bound by the provisions of the Act, the Rules and Regulations framed thereunder, in particular the Transmission Licence Regulations, the Grid Code, the Standards specified by the Central Electricity Authority, orders and directions of the Commission issued from time to time;
- (l) The licensee shall ensure the execution of the Project as per the Technical Standards and Grid Standards of CEA;
- (m) The licensee shall submit all such report or information as may be required under Transmission Licence Regulations, Standard of Performance Regulations or any other regulation of the Commission or as per the directions of the Commission as may be issued from time to time.
- (n) The licensee shall ensure that the EPC contract for the execution of work under the scope of the project is awarded through a competitive bidding process.

9. CTUIL / its appointed Independent Engineer and the Central Electricity Authority shall monitor the execution of the Project and bring to the 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 Transmission Service Agreement executed between the licensee & Nodal Agency, the Act and the Transmission Licence Regulations.

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



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

12. Petition No. 344/TL/2023 is allowed in terms of the above.

**Sd/-
(P.K. Singh)
Member**

**Sd/-
(Arun Goyal)
Member**





सेंट्रल ट्रान्समिशन यूटिलिटी ऑफ इंडिया लिमिटेड

(पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड के स्वामित्व में)

(भारत सरकार का उद्यम)

CENTRAL TRANSMISSION UTILITY OF INDIA LTD.

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

(A Government of India Enterprise)

Ref. No.: C/CTU/AI/00/18th CCTP

14th June 2024

OFFICE MEMORANDUM

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

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

| Sl. No. | Name of Transmission Scheme | Implementing Agency |
|-----------------------------|---|---|
| Northern Region | | |
| 1. | Augmentation of Transformation Capacity at 400/220kV Bassi (PG) S/s in Rajasthan by 400/220kV, 1x500 MVA ICT (4th) | Power Grid Corporation of India Ltd. |
| 2. | Augmentation of Transformation Capacity at 400/220kV Malerkotla(PG) S/s in Punjab by 400/220kV, 1x500MVA ICT (4th) | Power Grid Corporation of India Ltd. |
| 3. | Implementation of 1 no. of 400 kV line bay at 765/400/220kV Bhadla-III PS for interconnection of M/s ReNew Solar (Shakti Six) Pvt. Ltd. | POWERGRID Bhadla III Transmission Ltd. (a subsidiary of Power Grid Corporation of India Ltd.) |
| Western Region | | |
| 4. | Augmentation of Transformation Capacity at 765/400/220kV Vadodara (GIS) S/s in Gujarat by 400/220kV, 1x500MVA ICT (3rd) | Power Grid Corporation of India Ltd. |
| Southern Region | | |
| 5. | Reconductoring of Somanahalli – Bidadi 400kV kV D/c line with HTLS conductor | Power Grid Corporation of India Ltd. |
| 6. | Reconductoring of Maheshwaram (PG) – Hyderabad 400kV S/c line with HTLS conductor | Power Grid Corporation of India Ltd. |
| Eastern Region | | |
| 7. | Eastern Region Bay Scheme-I (ERBS-I) | Power Grid Corporation of India Ltd. |
| 8. | Eastern Region Bay Scheme-II (ERBS-II) | Power Grid Corporation of India Ltd. |
| North Eastern Region | | |
| 9. | North Eastern Region Expansion Scheme-XXIII (NERES-XXIII) | Power Grid Corporation of India Ltd. |
| 10. | North Eastern Region Expansion Scheme-XXVI (NERES-XXVI) | Power Grid Corporation of India Ltd. |
| 11. | North Eastern Region Expansion Scheme-XXVII (NERES-XXVII) | Power Grid Corporation of India Ltd. |

संस्थापित - पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड, 29 मुम्बई रोड, मुंबई-400001, महाराष्ट्र, भारत

सेंट्रल ट्रान्समिशन यूटिलिटी ऑफ इंडिया लिमिटेड, 29 मुम्बई रोड, मुंबई-400001, महाराष्ट्र, भारत

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



| | | |
|-----|---|--------------------------------------|
| 12. | North Eastern Region Expansion Scheme-XXVIII (NERES-XXVIII) | Power Grid Corporation of India Ltd. |
|-----|---|--------------------------------------|

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

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

This issues with the approval of Competent Authority.



(Partha Sarathi Das)
Sr. General Manager



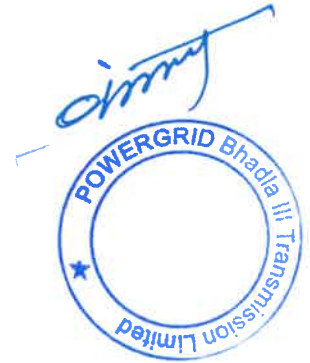
Encl: as stated.

To:

| | |
|--|---|
| 1. The Chairman & Managing Director Power Grid Corporation of India Ltd., Saudamini, Plot No. 2, Sector-29, Gurgaon- 122 001 | 2. POWERGRID Bhadla III Transmission Ltd. (a subsidiary of Power Grid Corporation of India Ltd.) Saudamini, Plot No. 2, Sector-29, Gurgaon – 122009. |
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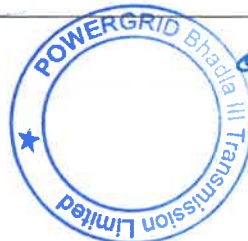
Copy to:

| | |
|--|---|
| 1. Shri Rakesh Goyal 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 |
|--|---|



CC:

| | |
|---|--|
| 1. Shri Amit Kumar Vice President ReNew Solar (Shakti Six) Pvt. Ltd Renew.Hub, Commercial Block-1, Zone-6, Golf Course Road, DLF City Phase V, Gurugram, Haryana 122009 amit.kumar1@renew.com rohith.Singh@renew.com | <i>With a request to take up implementation of DTL in matching timeframe of 1 no. 400kV line bay at Bhadla-III PS as per transmission scheme mentioned at sl. no. 3.</i> |
| 2. Director (Technical) Rajasthan Rajya Vidyut Prasaran Nigam Ltd. Vidyut Bhawan, Jaipur, Rajasthan-302005. dir.tech@rvpn.co.in se.pp@rvpn.co.in | <i>For kind information, please.</i> |
| 3. Director (Technical) Punjab State Transmission Corporation Ltd. Head Office, The Mall, Patiala 147001, Punjab dir-tech@pstcl.org se-planning@pstcl.org | <i>For kind information, please.</i> |
| 4. Managing Director Gujarat Energy Transmission Corporation Ltd. Sardar Patel Vidhyut Bhawan, Race Course, Vadodara – 390 007 md.getco@gebmail.com ; stu.getco@gebmail.com ; | <i>With a request to take up implementation of Vadodara (PG) – Waghodia 220kV D/c line in matching timeframe of 2 no. 220kV line bays at Vadodara (GIS) S/s as per transmission scheme mentioned at sl. no. 4.</i> |
| 5. Sh. Ravi Addl. GM PE Electrical NTPC Limited NTPC Bhawan, Scope Complex, 7 Institutional Area, Lodhi Road, Delhi Email: kuraravikumar@ntpc.co.in ; abhishekkhanna@ntpc.co.in ; | <i>With a request to take up implementation of DTL in matching timeframe of 2 nos. 400kV GIS line bays at Pandiabili (POWERGRID) GIS S/s as per transmission scheme mentioned at sl. no. 7.</i> <i>With a request to take up implementation of DTL in matching timeframe of 2 nos. 132kV GIS line bays at Rangpo (POWERGRID) GIS S/s as per transmission scheme mentioned at sl. no. 8.</i> |
| 6. Chief Engineer (Power) Vidyut Bhawan, Department of Power Zero Point Tinali Itanagar (Arunachal Pradesh) – 791111 Email: tktara@hotmail.com ; cmetsarp@gmail.com ; vidyutarunachal@rediffmail.com ; vidyutarunachal@gmail.com | <i>With a request to provide space for 1 no. 132kV AIS line bay at Pasighat (DoP, Arunachal Pradesh) S/s to the ISTS licensee at no cost.</i> |
| 7. Chief Engineer (T&G) Department of Power, Electricity House, A.G. Colony, Kohima, Nagaland- 797001 Email: eedmtrans@gmail.com ; asang.dcare1@gmail.com ; sldc.ngl@gmail.com ; tiaquenger@gmail.com ; | <i>With a request to take up implementation of scope of works under DoP, Nagaland in matching time-frame of North Eastern Region Expansion Scheme-XXVII (NERES-XXVII).</i> |



Northern Region**1. Augmentation of Transformation Capacity at 400/220kV Bassi (PG) S/s in Rajasthan by 400/220kV, 1x500 MVA ICT (4th)**

| Sl. No. | Scope of the Transmission Scheme | Item Description | Implementation Timeframe. |
|------------------------------|---|--|---|
| 1. | Augmentation of Transformation Capacity at 400/220kV Bassi (PG) S/s in Rajasthan by 400/220kV 1x500MVA ICT(4 th) along with associated transformer bays | <ul style="list-style-type: none"> 500 MVA, 400/220 kV ICT-1 no. 400 kV ICT bay – 1no. 220 kV ICT bay – 1 no. | 18 months from the date of issuance of CTUIL OM i.e. 14.12.2025 |
| Total Estimated Cost: | | | ₹ 49.87 Crore |

2. Augmentation of Transformation Capacity at 400/220kV Malerkotla(PG) S/s in Punjab by 400/220kV, 1x500MVA ICT (4th)

| Sl. No. | Scope of the Transmission Scheme | Item Description | Implementation Timeframe. |
|------------------------------|--|---|---|
| 1. | Augmentation of Transformation Capacity at 400/220kV Malerkotla(PG) S/s in Punjab by 400/220kV, 1x500MVA ICT (4 th) along with associated transformer bays* <i>*incl. extension of 400kV & 220 kV side of ICT through Cable/GIB. 400kV side bay equipment shall be GIS type</i> | <ul style="list-style-type: none"> 500 MVA, 400/220 kV ICT - 1 no. 400 kV ICT bays (GIS) – 1 no. (in new diameter with 1 no. additional bay for diameter completion) (refer note a) 220 kV ICT bay – 1 no. 400kV GIS duct (1ph) – 100m approx. 220kV Cable (1ph) – 3200m approx. 220 kV Cable Termination Kit: 8 nos. | 21 months from the date of issuance of OM by CTUIL i.e. 14.03.2026 (refer note b) |
| Total Estimated Cost: | | | ₹ 88 Crore |

Note:

- In view of GIS substation, one complete 400kV diameter with three Circuit Breakers (one and half switching scheme) shall be implemented at 400kV level for interconnection of ICT in one 400kV bay. Utilization of another 400kV bay of the diameter shall be identified in future.
- Best efforts shall be carried out to implement the transmission scheme within 18 months from the issuance of OM by CTUIL i.e. 14.12.2025.
- PSTCL to provide space to ISTS licensee for implementation of 1 no. 220kV ICT bay (AIS) at 220kV Malerkotla(PSTCL) switchyard for termination of the above 400/220kV, 1x500MVA ICT (4th) ICT at 220kV side.

3. Implementation of 1 no. of 400 kV line bay at 765/400/220kV Bhadla-III PS for interconnection of M/s ReNew Solar (Shakti Six) Pvt. Ltd.

| Sl. No. | Scope of the Transmission Scheme | Item Description | Implementation Timeframe. |
|------------------------------|---|---------------------------|---------------------------|
| 1. | 1 no. of 400 kV line bay at 765/400/220 kV Bhadla-III PS for interconnection of RE project (M/s ReNew Solar (Shakti Six) Pvt. Ltd.) | • 400 kV line bay – 1 no. | 31.03.2026 |
| Total Estimated Cost: | | | ₹ 13.37 Crore |

Western Region

4. Augmentation of Transformation Capacity at 765/400/220kV Vadodara (GIS) S/s in Gujarat by 400/220kV, 1x500MVA ICT (3rd)

| Sl. No. | Scope of the Transmission Scheme | Item Description | Implementation Timeframe. |
|------------------------------|--|---|---------------------------|
| 1. | Augmentation of Transformation Capacity at 765/400/220kV Vadodara (GIS) S/s in Gujarat by 400/220kV, 1x500MVA ICT (3 rd) | <ul style="list-style-type: none"> • 400/220kV, 1x500MVA ICT – 1 No. • 400kV ICT bay (GIS) – 1 no. • 220kV ICT bay GIS) – 1 No. • 400kV GIS Bus duct (m) – 250m. approx. • 220 kV GIS Bus duct (m) – 450m. approx. | 31.03.2026 |
| 2. | 2 nos. 220kV bays at Vadodara S/s (for Vadodara (PG) – Waghodia D/c line) | <ul style="list-style-type: none"> • 220kV line bays (GIS): 2 Nos. • 220kV GIS Bus duct (m) – 300m. approx. | |
| Total Estimated Cost: | | | ₹ 85.79 Crore |

Note:

- a. Implementation Timeframe has been aligned with the time-frame for implementation of Vadodara (PG) – Waghodia 220kV D/c line as confirmed by GETCO.

Southern Region

5. Reconductoring of Somanahalli – Bidadi 400kV kV D/c line with HTLS conductor

| Sl. No. | Scope of the Transmission Scheme | Item Description | Implementation Timeframe. |
|------------------------------|---|-----------------------------------|--|
| 1. | Reconductoring of Somanahalli – Bidadi 400kV kV D/c line with HTLS conductor (2100 MVA/ckt) | • Line Length ~17 km | 24 months from the date of issuance of OM by CTUIL i.e. 14.06.2026 |
| 2. | Upgradation of 400kV bay equipment at Somanahalli end | • Commensurate with line capacity | |
| 3. | Upgradation of 400kV bay equipment at Bidadi (GIS) end | • Commensurate with line capacity | |
| Total Estimated Cost: | | | ₹ 43.76 Crore |

6. Reconductoring of Maheshwaram (PG) – Hyderabad 400kV S/c line with HTLS conductor



| Sl. No. | Scope of the Transmission Scheme | Item Description | Implementation Timeframe. |
|------------------------------|--|-----------------------------------|--|
| 1. | Reconductoring of Maheshwaram (PG) – Hyderabad 400kV S/c line with HTLS conductor (2100 MVA/ckt) | • Line length ~56 km | 24 months from the date of issuance of OM by CTUIL i.e. 14.06.2026 |
| 2. | Upgradation of 400kV bay equipment at Maheshwaram (PG) GIS end | • Commensurate with line capacity | |
| 3. | Upgradation of 400kV bay equipment at Hyderabad AIS end | • Commensurate with line capacity | |
| Total Estimated Cost: | | | ₹ 64.83 Crore |

Eastern Region

7. Eastern Region Bay Scheme-I (ERBS-I)

| Sl. No. | Scope of the Transmission Scheme | Item Description | Implementation Timeframe |
|------------------------------|--|---|--------------------------|
| 1. | Extension at Pandiabili 400/220kV GIS substation | <ul style="list-style-type: none"> • 400kV GIS line bays: 2 nos. (i.e. one full diameter 413-414-415) [Bay no. 415 shall be used for termination of one circuit of Talcher-III – Pandiabili 400kV D/c dedicated transmission line (line under the scope of NTPC Ltd.)] • 400kV GIB: 600m approx. [for termination of one circuit of Talcher-III – Pandiabili 400kV D/c dedicated transmission line (line under the scope of NTPC Ltd.) in existing bay no. 410] | 30-09-2026 |
| Total Estimated Cost: | | | ₹ 46.34 Crore |

Note:

- a. Pandiabili (POWERGRID) S/s is GIS having one and half breaker switching scheme. One circuit of Talcher-III – Pandiabili 400kV D/c dedicated transmission line (line under the scope of NTPC Ltd.) shall be terminated in bay no. 410 using GIB and other circuit shall be terminated in bay no. 415. Other bay i.e. 413 of diameter 413-414-415 shall be used in future for ICT termination.

8. Eastern Region Bay Scheme-II (ERBS-II)

| Sl. No. | Scope of the Transmission Scheme | Item Description | Implementation Timeframe |
|------------------------------|--|---|--------------------------|
| 1. | Extension at Rangpo 400/220/132kV GIS substation | <ul style="list-style-type: none"> • 132kV GIS Line bays: 2 nos. (bay no. 117 & 118) [for termination of Rammam – Rangpo (POWERGRID) 132kV D/c (minimum 680A per circuit) dedicated transmission line (line under the scope of NTPC Ltd.)] • 145kV GIB: 150m approx.. | 30-07-2026 |
| Total Estimated Cost: | | | ₹ 17.47 Crore |



Note:

- a. ISTS licensee should build 132kV line bays of rating commensurate with rating of the dedicated transmission line (DTL).

North-Eastern Region

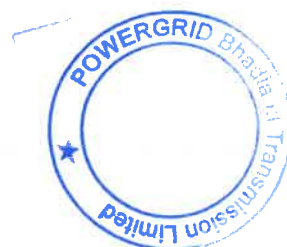
9. North Eastern Region Expansion Scheme-XXIII (NERES-XXIII)

| Sl. No. | Scope of the Transmission Scheme | Item Description | Implementation Timeframe |
|------------------------------|---|-----------------------------|--|
| 1. | Stringing of 2 nd circuit of Pasighat (Arunachal Pradesh) – Roing (POWERGRID) 132kV S/c on D/c line with ACSR Panther conductor commensurate with rating and maximum operating temperature of 1 st circuit | • 103km | 30 months from the date of issuance of OM by CTUIL i.e. 14.12.2026 |
| 2. | Stringing of 2 nd circuit of Roing (POWERGRID) – Tezu (POWERGRID) 132kV S/c on D/c line with ACSR Panther conductor commensurate with rating and maximum operating temperature of 1 st circuit | • 73km | |
| 3. | Stringing of 2 nd circuit of Tezu (POWERGRID) – Namsai (POWERGRID) 132kV S/c on D/c line with ACSR Panther conductor commensurate with rating and maximum operating temperature of 1 st circuit | • 95.24km | |
| 4. | Extension at Pasighat (DoP, Arunachal Pradesh) (refer note a): 1 no. 132kV AIS line bay for termination of 2 nd circuit of Pasighat (Arunachal Pradesh) – Roing (POWERGRID) 132kV D/c line | • 132kV AIS line bay: 1 no. | |
| 5. | Extension at Roing (POWERGRID) S/s: 2 no. 132kV AIS line bay for termination of 2 nd circuit of Pasighat (Arunachal Pradesh) – Roing (POWERGRID) 132kV D/c line and 2 nd circuit of Roing (POWERGRID) – Tezu (POWERGRID) 132kV D/c line | • 132kV AIS line bay: 2 no. | |
| 6. | Extension at Tezu (POWERGRID) S/s: 2 no. 132kV AIS line bay for termination of 2 nd circuit of Roing (POWERGRID) – Tezu (POWERGRID) 132kV D/c line and 2 nd circuit of Tezu (POWERGRID) – Namsai (POWERGRID) 132kV D/c line | • 132kV AIS line bay: 2 no. | |
| 7. | Extension at Namsai (POWERGRID) S/s: 1 no. 132kV AIS line bay for termination of 2 nd circuit of Tezu (POWERGRID) – Namsai (POWERGRID) 132kV D/c line | • 132kV AIS line bay: 1 no. | |
| Total Estimated Cost: | | | ₹ 73.47 Crore |

Note:

- a. DoP, Arunachal Pradesh shall provide space for 1 no. 132kV AIS line bay at Pasighat (DoP, Arunachal Pradesh) S/s to the ISTS licensee at no cost.

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



| Sl. No. | Scope of the Transmission Scheme | Item Description | Implementation Timeframe |
|------------------------------|---|---|--|
| 1. | Decommissioning of existing 420kV, 50MVAR (Bus Reactor-1) and installation of new 420kV, 125MVAR bus reactor in its place along with replacement of associated main and tie bay equipment at Balipara (POWERGRID) S/s | <ul style="list-style-type: none"> 420kV, 1x125MVAR Bus Reactor: 1 no. Replacement of 400kV main & tie bay equipment of bus reactor bay | 18 months from the date of issuance of OM by CTUIL i.e. 14.12.2025 |
| Total Estimated Cost: | | | ₹ 35.79 Crore |

11. North Eastern Region Expansion Scheme-XXVII (NERES-XXVII)

| Sl. No. | Scope of the Transmission Scheme | Item Description | Implementation Timeframe |
|------------------------------|--|----------------------|--|
| 1. | Reconductoring of ISTS portion of Dimapur (POWERGRID) – Dimapur (DoP, Nagaland) 132kV (ckt-2) ACSR Panther S/c line with Single HTLS conductor of 800A | Line length: 0.335km | 15 months from the date of issuance of OM by CTUIL i.e. 14.09.2025 |
| 2. | Reconductoring of ISTS portion of Dimapur (POWERGRID) – Kohima (DoP, Nagaland) 132kV ACSR Panther S/c line with Single HTLS conductor of 800A | Line length: 0.335km | |
| Total Estimated Cost: | | | ₹ 0.3 Crore |

12. North Eastern Region Expansion Scheme-XXVIII (NERES-XXVIII)

| Sl. No. | Scope of the Transmission Scheme | Item Description | Implementation Timeframe |
|------------------------------|---|---|--|
| 1. | Installation of new 420 kV, 1x125 MVAR, 3-Ph Variable Shunt Reactor (VSR) having variable range from 63MVAR to 125MVAR (with at least 25 tap positions) along with associated GIS bay at Misa (POWERGRID) S/s | <ul style="list-style-type: none"> 420 kV, 1x125 MVAR VSR (having variable range from 63MVAR to 125MVAR with at least 25 tap positions): 1 No. 400 kV VSR bay (GIS): 1 No. (with two circuit breakers) (refer note a) 400kV GIB: 1000m (approx.) | 21 months from the date of issuance of OM by CTUIL i.e. 14.03.2026 |
| Total Estimated Cost: | | | ₹ 52.71 Crore (refer note c) |

Note:

- In view of space constraints for GIS extension and space constraint towards usage of other bay of one and half breaker scheme, VSR is planned to be installed in double bus scheme with two circuit breakers.
- As discussed in the 31st CMETS-NER, POWERGRID shall claim the cost of installation of a new 420kV, 1x125 MVAR bus reactor along with associated GIS bay at Misa (POWERGRID) S/s under this scheme. The difference in cost between a new 420kV, 1x125MVAR bus reactor and a new 420kV, 1x125MVAR VSR shall be booked by POWERGRID under its R&D Budget head as informed by POWERGRID.
- The project cost has been estimated considering 420 kV, 1x125 MVAR Bus Reactor along with associated GIS bay and GIB. However, as intimated by POWERGRID, implementation of the VSR shall incur additional cost of about 8.5 Cr. approx. (incl. GST)



Chimney

Form-I

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

1. Particulars of the Applicant

| SI No | Particulars | Particulars |
|-------|---|---|
| I | Name of the Applicant | POWERGRID Bhadla III Transmission Limited |
| II | Status | Public Limited Company |
| III | Subject Matter | Petition under Section 14 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission License and other related matters) Regulations, 2024 for grant of separate RTM Transmission License to POWERGRID Bhadla III Transmission Limited. |
| IV | Address of the Petitioner | B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi 110 016 |
| | Name, Designation & Address of the contact person | K. K. Choudhary Project Incharge, POWERGRID Bhadla III Transmission Limited (100% wholly owned subsidiary of Power Grid Corporation of India Limited) C/o ED (TBCB) Power Grid Corporation of India Limited Saudamini, Plot no.2, Sector -29, Gurgaon 122001 |
| V | Contact Tele. No. | 9560690612 |
| VI | Fax No. | 0124-2822062 |
| VII | Email ID | kanchan@powergrid.in |
| VIII | Place of Incorporation / Registration | New Delhi, India |
| IX | Year of Incorporation / Registration | 2022 |
| X | Copies of the following documents are enclosed: | |
| a. | Certificate of Registration | Enclosure 1 |
| b. | Copy of Power of Attorney | Enclosure 2 |

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

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



emmy

As per the CTUIL OM C/CTU/AI/00/18th CCTP dated 14.06.2024:

Project - Implementation of 01 no. of 400 kV line bay at 765/400kV/220 kV Bhadla-III PS for interconnection of M/s ReNew Solar (Shakti Six) Pvt. Ltd.

(a) Transmission lines" NIL

(b) Sub-stations :

| S.No | Name of substation | Voltage Level | Transformer | Reactive Compensation | No of bays | Remarks |
|------|--------------------|---------------|-------------|-----------------------|-------------------------|---------|
| 1 | Bhadla-3 PS | 400 kV | NIL | NIL | 400 kV line bay – 1 no. | |

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

b) Scheduled COD: 31.03.2026

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

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

Estimated completion cost – Rs 13.37 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:
Place:

Signature of the Petitioner





सत्यमेव जयते

GOVERNMENT OF INDIA
MINISTRY OF CORPORATE AFFAIRS

Central Registration Centre

Certificate of Incorporation

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

I hereby certify that BHADLA III TRANSMISSION LIMITED is incorporated on this Twenty seventh day of May Two thousand twenty-two under the Companies Act, 2013 (18 of 2013) and that the company is limited by shares.

The Corporate Identity Number of the company is U74999DL2022GOI399208.

The Permanent Account Number (PAN) of the company is AAKCB7906R *

The Tax Deduction and Collection Account Number (TAN) of the company is DELB25235A *

Given under my hand at Manesar this Twenty seventh day of May Two thousand twenty-two



Digital Signature Certificate
KAMAL HARJANI

For and on behalf of the Jurisdictional Registrar of Companies
Registrar of Companies
Central Registration Centre

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

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

BHADLA III TRANSMISSION LIMITED

Urjanidhi, First Floor, 1, Barakhamba Lane, Connaught Place, NewDelhi,
Central Delhi, Delhi, India, 110001

* as issued by the Income Tax Department





सत्यमेव जयते

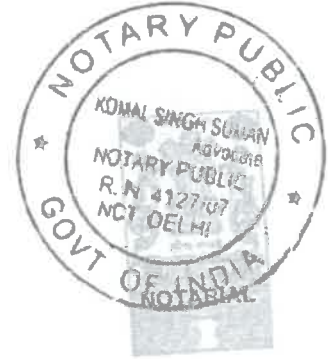
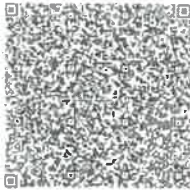
Enclosure-II

INDIA NON JUDICIAL

Government of National Capital Territory of Delhi

e-Stamp

| | |
|---------------------------|---|
| Certificate No. | : IN-DL62220465083863W |
| Certificate Issued Date | : 21-Mar-2024 05:39 PM |
| Account Reference | : IMPACC (IV)/ dl732103/ DELHI/ DL-DLH |
| Unique Doc. Reference | : SUBIN-DL73210384086724244823W |
| Purchased by | : Powergrid Bhadla III Transmission Limited |
| Description of Document | : Article 48(c) Power of attorney - GPA |
| Property Description | : Not Applicable |
| Consideration Price (Rs.) | : 0 (Zero) |
| First Party | : Powergrid Bhadla III Transmission Limited |
| Second Party | : Not Applicable |
| Stamp Duty Paid By | : Powergrid Bhadla III Transmission Limited |
| Stamp Duty Amount(Rs.) | : 100 (One Hundred only) |



Please write or type below this line

General Power of Attorney

Know all men by these presents, we **POWERGRID Bhadla III Transmission Limited** (hereinafter referred to as PBIITL which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, and assigns) having its Registered Office at B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi – 110016 do hereby constitute, appoint and authorize Shri K .K. Choudhary, Project In-charge of PBIITL residing at PWO C-5/603, Sector 43, Gurugram, Haryana – 122009, as our true and lawful attorney, to do in our name and our behalf, all of the acts or things hereinafter mentioned, that is to say :-



[Signature]

[Signature: Shri K.K. Choudhary]

Statutory Alert: This Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding Company of India. Any discrepancy in the details on this Certificate and as available on the website / mobile App renders it invalid. For checking the legitimacy is on the users of the certificate. In case of any discrepancy please inform the Competent Authority.

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POWERGRID BHADLA III TRANSMISSION LIMITED POWERGRID BHADLA III TRANSMISSION LIMITED POWERGRID BHADLA III TRANSMISSION LIMITED POWERGRID BHADLA III TRANSMISSION LIMITED POWERGRID BHADLA III TRANSMISSION LIMITED

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



Ommy

Abhay Choudhary

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

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

Abhay Choudhary

Signed by the within named

POWERGRID Bhadla III Transmission Limited

through the hand of **Shri Abhay Choudhary, Chairman (Part-time)**

Duly authorized by the Board to issue such Power of Attorney

Dated this day of 2024

Accepted

Shri K. K. Choudhary

Signature of Attorney

Name: Shri K. K. Choudhary

Designation: Project In-Charge, **POWERGRID Bhadla III Transmission Limited**

Address: PWO C-5/603, Sector 43, Gurugram, Haryana – 122009.

Shri Abhay Choudhary

Attested

Abhay Choudhary

(Signature of the Executant)

Name: Shri Abhay Choudhary

Designation: Chairman (Part-time)

Address: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110016.

.....
 Signature and Stamp of Notary of the place of execution

I identify that Executant/Deponent has signed before me

ROHIT
 M-9255231696



ATTESTED
[Signature]
 NOTARY PUBLIC, DELHI

15 APR 2024