BEFORE
THE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION FOR

APPROVAL OF TRANSMISSION TARIFF

For

"2 nos of 400kV line bays at Ananthapuram PS for Connectivity to M/s Renew Vikram Shakti Pvt. Ltd and 1 no. of 400kv line bay at Ananthapuram PS for Connectivity to M/s ABC Cleantech Pvt Ltd." under
"Implementation of 03 Nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects"

Implemented by

POWERGRID KHAVDA II-C TRANSMISSION LIMITED

For

TARIFF BLOCK: 2024-29

PETITION NO…….

POWERGRID KHAVDA II-C 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 122 001 (HARYANA)

BIPIN BIHARI RATH
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BEFORE

THE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

PETITION NO.: …/TT/2026

IN THE MATTER OF: Petition for determination of transmission tariff for 2024-29 tariff block for **2 nos of 400kV line bays at Ananthapuram PS for Connectivity to M/s Renew Vikram Shakti Pvt. Ltd and 1 no. of 400kv line bay at Ananthapuram PS for Connectivity to M/s ABC Cleantech Pvt Ltd."** under "**Implementation of 03 Nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects"** in Southern Region under Section 62 read with Section 79(1)(d) of the Electricity Act, 2003, Regulation 15(1)(a) & Regulation 23 of Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2024.

Powergrid Khavda II-C Transmission Limited
Registered office: B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi-110 016
Address for Correspondence: C/O ED (TBCB), "SAUDAMINI", Plot No.-2, Sector-29, Gurgaon-122 001 (Haryana)

…..PETITIONER

vs

Tamil Nadu Generation and Distribution Corporation Ltd.
(*Now known as* **Tamil Nadu Power Distribution Corporation Limited)**
NPKRR Maaligai, 800, Anna Salai,
Chennai – 600 002
Represented by its Chairman & Managing Director
And others

…..RESPONDENT(S)

Place: Gurugram

Date:03.09.2026

Petitioner

BIPIN BIHARI RATH
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Project-in-Charge
Powergrid Khavda II-C Transmission Limited

BEFORE

THE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

PETITION NO.: …/TT/2026

IN THE MATTER OF: Petition for determination of transmission tariff for 2024-29 tariff block for **2 nos of 400kV line bays at Ananthapuram PS for Connectivity to M/s Renew Vikram Shakti Pvt. Ltd and 1 no. of 400kv line bay at Ananthapuram PS for Connectivity to M/s ABC Cleantech Pvt Ltd."** under "**Implementation of 03 Nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects"** in Southern Region under Section 62 read with Section 79(1)(d) of the Electricity Act, 2003, Regulation 15(1)(a) & Regulation 23 of Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2024.

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Address for Correspondence: C/O ED (TBCB), "SAUDAMINI", Plot No.-2, Sector-29, Gurgaon-122 001 (Haryana)

…..PETITIONER

Vs

Tamil Nadu Generation and Distribution Corporation Ltd.
(*Now known as* **Tamil Nadu Power Distribution Corporation Limited)**
NPKRR Maaligai, 800, Anna Salai,
Chennai – 600 002
Represented by its Chairman & Managing Director

…..RESPONDENT(S)

And others

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FILED BY

Powergrid Khavda II-C Transmission Limited

Place: Gurugram

REPRESENTED BY

DATED:03.09.2026

(**Bipin Bihari Rath)**

Project In-Charge

BIPIN BIHARI RATH

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Date: 2026.09.04 17:28:47 +05'30'

BEFORE

THE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

PETITION NO.: …/TT/2026

IN THE MATTER OF: Petition for determination of transmission tariff for 2024-29 tariff block for **2 nos of 400kV line bays at Ananthapuram PS for Connectivity to M/s Renew Vikram Shakti Pvt. Ltd and 1 no. of 400kv line bay at Ananthapuram PS for Connectivity to M/s ABC Cleantech Pvt Ltd."** under "**Implementation of 03 Nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects"** in Southern Region under Section 62 read with Section 79(1)(d) of the Electricity Act, 2003, Regulation 15(1)(a) & Regulation 23 of Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2024.

Powergrid Khavda II-C Transmission Limited **…..PETITIONER**

Tamil Nadu Generation and Distribution Corporation Ltd.
(*Now known as* **Tamil Nadu Power Distribution Corporation Limited)** **…..RESPONDENTS**

To,
The Secretary,
Central Electricity Regulatory Commission,
New Delhi-110001

Sir,

The present tariff Petition is being filed under Section 62 read with Section 79 (1) (d) of the Electricity Act, 2003 and under Regulation 15 (1) (a) & Regulation 23 of Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Central Electricity Regulatory Commission (Terms and Condition of Tariff Regulations), 2024 and the same

may be pleased to be registered and taken on record by the Hon'ble Commission.

FILED BY

Powergrid Khavda II-C Transmission Limited

Place: Gurugram

DATED: 03.09.2026

BIPIN BIHARI RATH

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Date: 2026.09.04 17:32:28 +05'30'

REPRESENTED BY

(Bipin Bihari Rath)

Project In-Charge

BEFORE

THE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

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Katwaria Sarai, New Delhi-110 016
Address for Correspondence: C/O ED (TBCB),
"SAUDAMINI", Plot No.-2, Sector-29, Gurgaon-122 001
(Haryana) **…..PETITIONER**

Vs

Tamil Nadu Generation and Distribution Corporation Ltd.
(*Now known as* **Tamil Nadu Power Distribution Corporation Limited)**
NPKRR Maaligai, 800, Anna Salai, **…..RESPONDENT(S)**
Chennai – 600 002
Represented by its Chairman & Managing Director
And others

MEMO OF PARTIES

1. Tamil Nadu Power Distribution Corporation Limited (TNPDCL)
(Formerly TANGEDCO)
NPKRR Maaligai, 800, Anna Salai,
Chennai – 600 002
Represented by its Chairman & Managing Director

2. Kerala State Electricity Board Ltd (KSEBL)

Vaidyuthi Bhavanam

Pattom, Thiruvananthapuram – 695 004

Represented by its Chairman

3. Eastern Power Distribution Company of Andhra Pradesh Limited (APEPDCL)

P&T Colony, Seethmadhara, VISHAKHAPATNAM, Andhra Pradesh,

Represented by its Chairman & Managing Director

4. Andhra Pradesh Central Power Distribution Company Limited (APCPDCL)

Corporate Office, Beside Polytechnic College, ITI Road

Vijayawada - 520 008, Krishna District, Andhra Pradesh

Represented by Its Chairman & Managing Director

5. Southern Power Distribution Company of Andhra Pradesh Ltd (APSPDCL)

#19-13-65/A, Srinivasapuram, Tiruchanoor Road

Tirupati – 517503, Andhra Pradesh

Represented by Its Chairman & Managing Director

6. Southern Power Distribution Company of Telangana Limited (TSSPDCL)

6-1-50, Corporate Office, Mint Compound,

HYDERABAD – 500 063, Telangana

Represented by Its Chairman & Managing Director

7. Northern Power Distribution Company of Telangana Limited (TSNPDCL)

H.No 2-5-3 1/2, Vidyut Bhawan, Corporate Office,

Nakkal Gutta, Hanamkonda, WARANGAL – 506 001, Telangana

Represented by Its Chairman & Managing Director

08. Chamundeswari Electricity Supply Corporation Ltd. (CESC)

Corporate Office, #29, Vijayanagara 2nd Stage,

Hinkal, Mysuru-570017, KARNATAKA

Represented by Its Managing Director

09. Bangalore Electricity Supply Company Ltd., (BESCOM)

Corporate Office, K.R.Circle,

BANGALORE – 560 001, Karanataka

Represented by Its Managing Director

10. Gulbarga Electricity Supply Company Ltd. (GESCOM)

Corporate Office, Station Main Road, Opp. Parivar Hotel,

Gulbarga (Kalburgi), KARNATAKA - 585102

Represented by Its Managing Director

11. Hubli Electricity Supply Company Ltd. (HESCOM)

Navanagar, PB Road, HUBLI, Karnataka- 580025

Represented by Its Managing Director

12. Mangalore Electricity Supply Company Ltd. (MESCOM)

Corporate Office,1st Floor, MESCOM Bhavan,

Kavoor Cross Road, Bejai, Mangalore – 575 004, Karnataka

Represented by Its Managing Director

13. Electricity Department, Govt. of Pondicherry

137, Netaji Subash Chandra Bose Salai

Pondicherry - 605001

Represented by its Chief Secretary

14.Electricity Department, Government of Goa

Vidyuti Bhawan, Panaji, Goa 403001

Represented by Chief Engineer (Electrical)

15.Central Transmission Utility of India Ltd.

Saudamini, Plot No. 02,

Sector 29, Gurugram – 122001

Represented by Its Chief Operating Officer

16. M/s Renew Vikram Shakti Pvt. Ltd Renew.Hub, Commercial Block-1, Zone-6, Golf Course Road, DLF City Phase V, Haryana Email: mohit.jain@renew.com, amit.kumar1@renew.com
17. M/s ABC Cleantech Pvt Ltd. 6-3-680/8/3,P.NO-03, 2nd Floor, PMR Plaza, Thakur M Lane Somajiguda Hyderabad, Telangana 500082 Email: powerapprovals@axisenergy.in pkanaujia@brookfieldrenewable.in

FILED BY

Powergrid Khavda II-C Transmission Limited

Place: Gurugram

REPRESENTED BY

DATED: 03.09.2026

BIPIN BIHARI RATH

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Date: 2026.09.04 17:33:14 +05'30'

(Bipin Bihari Rath)

Project In-Charge

BEFORE

THE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

PETITION NO.: …/TT/2026

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Powergrid Khavda II-C Transmission Limited **…..PETITIONER**

Vs

Tamil Nadu Generation and Distribution Corporation Ltd. **…..RESPONDENT(S)**

(*Now known as* **Tamil Nadu Power Distribution Corporation Limited)**

MEMO OF APPEARANCE

Powergrid Khavda II-C Transmission Limited **-- PETITIONER**

1. Sh Bipin Bihari Rath, Project In-Charge, Powergrid Khavda II-C Transmission Limited

I, Bipin Bihari Rath, Project-in-Charge above named do hereby nominate to act, plead and appear on my behalf in the aforesaid matter.

IN WITNESS WHEREOF I have set and subscribed my hands to this writing on this **3rd day of September' 2026.**

PETITIONER
Powergrid Khavda II-C Transmission Limited

Place: Gurugram
DATED:03.09.2026

BIPIN BIHARI RATH
Digitally signed by BIPIN BIHARI RATH
Date: 2026.09.04 17:34:11 +05'30'

(Bipin Bihari Rath)
Project In-Charge

BEFORE

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Vs

Tamil Nadu Generation and Distribution Corporation Ltd.
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…..RESPONDENT(S)

NPKRR Maaligai, 800, Anna Salai,
Chennai – 600 002
Represented by its Chairman & Managing Director
And others

A. Executive Summary of the Petition:

(i) Brief Background of the Petitioner

The Petitioner herein, Powergrid Khavda II-C Transmission Limited (hereinafter referred to as "Petitioner") is a Government Company within the meaning of the

Companies Act, 2013. The Petitioner is a 100% wholly owned subsidiary of Power Grid Corporation of India Limited. The petitioner was granted a transmission license by this Hon'ble Central Electricity Regulatory Commission (hereinafter referred to as "Hon'ble Commission") vide its order dated 29.02.2024 in Petition No. 340/TL/2023 for 'POWERGRID Ananthpuram Kurnool Transmission Limited- under TBCB mode on Build, Own, Operate, and Transfer ("BOOT") basis.

Additionally, another transmission scheme was awarded to the Petitioner by CTUIL under RTM mode and therefore Petitioner approached Hon'ble Commission through petition 172/TL/2024 for grant of RTM transmission license. Hon'ble Commission vide order dated 30.09.2024 in Petition No. 172/TL/2024 granted a separate transmission license to the petitioner for "**Implementation of 03 Nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects**" under Regulated Tariff Mechanism (RTM) mode.

The petitioner operates and functions within the Regulatory control of Hon'ble Central Commission. Tariff for the transmission system in the present petition established by the petitioner is required to be determined by this Hon'ble Central Commission in accordance with the Tariff Regulations as notified by this Hon'ble Central Commission in exercise of its powers under Section 178 of the Electricity Act, 2003.

The Hon'ble Commission vide order dated 30.5.2025 in Petition No. 439/MP/2024 has approved the merger of 12 no. TBCB SPVs inter alia including POWERGRID Ananthpuram Kurnool Transmission Limited into POWERGRID Khavda II-C Transmission Limited. Subsequently, MCA vide order dated 27.1.2026 has approved the merger scheme and the Merger Approval Order has been filed with the Registrar of Companies, NCT of Delhi-I on 1.3.2026. Therefore, POWERGRID Ananthpuram Kurnool Transmission Limited has been merged with POWERGRID Khavda II-C Transmission Limited. Copy of order dated 30.5.2025 in Petition No. 439/MP/2024 are enclosed as **Encl-1**.

(ii) Brief background of the Respondent(s):

POWERGRID Khavda II-C Transmission Limited has impleaded distribution licensees and Government departments of the respective states which are engaged

in distribution of electricity in Southern Region of India. The respondents are also 'Designated Inter State Transmission Customer' (hereinafter referred to as 'DICS') in terms of the 2020 Sharing Regulations from Southern region. Petitioners have also impleaded CTUIL, M/s Renew Vikram Shakti Pvt. Ltd and M/s ABC Cleantech Pvt Ltd.

(iii) Background of Transmission Assets:

POWERGRID Khavda II-C Transmission Limited is filing the present petition for determination of tariff for the following Asset which has been implemented under **"Implementation of 03 Nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects"** in Southern Region:

Asset No	Asset Name	SCOD	DOCO
Asset-1	2 nos of 400kV line bays at Ananthapuram PS for Connectivity to M/s Renew Vikram Shakti Pvt. Ltd and 1 no. of 400kv line bay at Ananthapuram PS for Connectivity to M/s ABC Cleantech Pvt Ltd.	31.03.2026	09.06.2026 (Proposed)

(iv)Brief description of important events relevant to the Petition:

Sl. No	Event	Date
1.	CTUIL vide Office Memorandum Ref No: C/CTU/AI/00/17th/CCTP 22.03.2024 communicated the approval of the Scheme for implementation under RTM mode by POWERGRID Khavda II-C Transmission Limited (implementing agency)	22.03.2024
2.	Final order issued by Hon'ble Commission for RTM transmission license	30.09.2024
3.	Investment Approval	05.11.2024
4.	SCOD	31.03.2026
5.	Proposed COD	09.06.2026

(v) Summary of Claims:

POWERGRID Khavda II-C Transmission Limited is seeking determination of tariff for aforesaid transmission asset on estimated capital cost comprising of capital cost incurred upto Commercial Operation Date (**"COD**") and projected additional capital expenditure in accordance with terms of Regulation 24 & 25 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 (**"Tariff Regulations, 2024"**).

The details of FR approved cost vis-à-vis claimed capital cost as on COD and additional capital expenditure during 2024-29 tariff block is as under:

(₹ in lakhs)

Asset No.	Approved Cost as per FR	Expenditure Up to COD	Estimated expenditure during 2024-29 tariff block as per Auditor certificate			Estimated completion Cost as on 31.03.2029
			2026-27	2027-28	2028-29	
Asset-1	2986	1000.34	1137.03	222.19	0	2359.56

** Includes notional IDC of ₹ 0.20 lakhs claimed in accordance with the provisions of Regulation 19(2)(b) and 21(1) of CERC Tariff Regulations,2024.*

Details of Time- Overrun: It is respectfully submitted that the Scheduled Commercial Operation Date (SCOD) was 31.03.2026, whereas the instant assets achieved Date of Commercial Operation (DOCO) on 09.06.2026 and therefore, time overrun of 70 Days has occurred in the execution of the instant assets. A detailed justification with regard to time over run is being dealt with in the subsequent paragraphs.

Details of tariff claimed for 2024-29 tariff block:

(₹ in Lakhs)

Name of the asset	2024-25	2025-26	2026-27	2027-28	2028-29
Asset-1	-	-	279.29	438.93	450.78

It is prayed to Hon'ble commission to reimburse expenditure of petition filing fee, license fee, newspaper publication expenses and RLDC fee & charges, insurance expenses, security expenses and capital spares, etc.

B. Detailed Petition:

MOST RESPECTFULLY SHOWETH:

Issue wise submission(s):

1. The Petitioner herein, Powergrid Khavda II-C Transmission Limited (hereinafter referred to as **"Petitioner"**) is a Government Company within the meaning of the Companies Act, 2013. The Petitioner is a 100% wholly owned subsidiary of Power Grid Corporation of India Limited.

2. That the Hon'ble Commission have notified CERC (Terms and Conditions of Tariff) Regulations, 2024, vide notification dated 15.03.2024 for a period of 5 years w.e.f. 01.04.2024. The tariff for the said transmission systems shall be determined by the Hon'ble Central Commission in accordance with the Tariff Regulations, 2024.

3. That Petitioner is an Inter-State Transmission Licensee which has implemented **"Transmission Scheme for Solar Energy Zone in Ananthpuram (Ananthapur) (2500 MW) and Kurnool (1000 MW), Andhra Pradesh"** through Tariff Based Competitive Bidding (TBCB) process on the Build, Own, Operate and Transfer (BOOT) basis.

Subsequently, instant transmission scheme was awarded to the Petitioner by CTUIL under RTM mode and therefore Petitioner approached Hon'ble Commission through petition 172/TL/2024 for grant of RTM transmission license. Hon'ble Commission vide order dated 30.09.2024 in Petition No. 172/TL/2024 granted a separate transmission license to the petitioner for "**Implementation of 03 Nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects**" under Regulated Tariff Mechanism" (RTM) mode.

Transmission License order dated 30.09.2024 in Petition No. 172/TL/2024 is enclosed herewith as **Encl-2.**

Approval of the Scheme

4. CTUIL vide their OM dated 22.03.2024 (**Encl-3**), allocated "**Implementation of 03 Nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects**" under Regulatory Tariff Mechanism (RTM) with POWERGRID Khavda II-C Transmission Limited as the implementing agency. The scope of the scheme is detailed below:

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

5. Accordingly, application was filed for grant of separate transmission license to the petitioner for implementation of the above schemes. The Hon'ble commission has granted transmission license vide order no: 172/TL/2024 dated 30.09.2024 to the petitioner.

6. That the investment approval of the project was accorded by Board of Directors of the petitioner in its 26th meeting held on 05.11.2024 at an estimated cost of ₹ 29.86 crore including Interest During Construction (IDC) of ₹ 1.54 crore at June 2024 price level. with commissioning schedule of 31st March, 2026, a copy whereof is attached hereto as **Encl.-4.**

SCOPE OF WORK:

7. The scope of work covered under **"2 nos of 400kV line bays at Ananthapuram PS for Connectivity to M/s Renew Vikram Shakti Pvt. Ltd and 1 no. of 400kv line**

bay at Ananthapuram PS for Connectivity to M/s ABC Cleantech Pvt Ltd." is as follows:

400KV

- 400 kV Line bay - 03 Nos.

The SLD and DPR extract of the scheme is attached hereto as **Encl.-5.**

The details of the assets covered under the subject project and those assets filed under the instant petition is given as hereunder:

Asset No	Asset Name	SCOD	DOCO
Asset-1	2 nos of 400kV line bays at Ananthapuram PS for Connectivity to M/s Renew Vikram Shakti Pvt. Ltd and 1 no. of 400kv line bay at Ananthapuram PS for Connectivity to M/s ABC Cleantech Pvt Ltd.	31.03.2026	09.06.2026 (Proposed)

The entire scope of the project is complete and is covered under instant petition.

CEA Energization clearances, CTU Completion certificate and CMD certificate for the instant asset is enclosed as **Encl.-6.**

8. It is submitted that as per Regulation 9 of the CERC (Terms and Conditions of Tariff) Regulations, 2024, the following condition has to be fulfilled while filing the Tariff petition for 2024-29 tariff block: -

Quote

"Provided that where the transmission system comprises various elements, the transmission licensee shall file an application for determination of tariff for a group of elements on incurring of expenditure of not less than ₹ 100 Crore or 70% of the cost envisaged in the Investment Approval, whichever is lower, as on the actual date of commercial operation."

Unquote

The estimated completion cost of the subject assets is ₹2359.56 lakhs. Accordingly, the instant petition is being filed in compliance with Regulation 9 of the CERC Regulations, 2024

9. Approval of DOCO:

As mentioned in Para 3 above, Asset-1 covered under the present petition qualifies as a case of mismatch between the transmission asset of the Petitioner and interconnecting generators. It is submitted that as per Regulation 5 of Tariff Regulations,2024, the following provision is applicable for approval of DOCO by Hon'ble Commission in case of non-readiness of associated transmission system or generators.

CERC (Terms and Conditions of Tariff) Regulations,2024 :-

"5. Date of Commercial Operation: (1) *The date of commercial operation of a generating station or unit thereof or a transmission system or element thereof and associated communication system shall be determined in accordance with the provisions of the Grid Code. In the event of mismatch of COD between associated transmission and/or generating stations, the liability for the transmission charges shall be in accordance with the provisions of the Sharing Regulations, 2020 as amended from time to time."*

Relevant extract of **CERC (Indian Electricity Grid Code) Regulations,2023 :-**

"27.(1)(c) Transmission System

(i) ……..

Provided also that in case a transmission system or an element thereof executed under regulated tariff mechanism is prevented from regular service on or after the scheduled COD for reasons not attributable to the transmission licensee or its supplier or its contractors but is on account of the delay in commissioning of the concerned generating station or in commissioning of the upstream or downstream transmission system of other transmission licensee, the transmission licensee shall approach the Commission through an appropriate petition along with a certificate from the CTU to the effect that the transmission system is complete as per the applicable CEA Standards, for approval of the commercial operation date of such transmission system or an element thereof: " (Fourth Proviso)

The instant asset was planned for evacuation from generation station. However, power flow in the scope of the petitioner could not be achieved due to non-readiness of the generators. The said asset has been charged under no load conditions and proposed to be put under commercial operation w.e.f. 09.06.2026. Therefore, the instant case qualifies to be declared as deemed COD and approval of DOCO has

been sought in accordance with Regulation 5 of Tariff Regulations,2024 and Regulation 27 of IEGC,2023.

Notice issued under Regulation 21(2) of IEGC Regulations,2023 for the asset covered under instant petition are attached hereto as **Encl.-6.**

It is hereby prayed that the Hon'ble Commission may approve the Proposed DOCO as 09.06.2026 for subject Asset as claimed under Clause 5 of Tariff Regulations,2024 and Clause 27 of IEGC Regulations, 2023 and allow full tariff as claimed under instant petition.

10. Implementation Schedule

As per the investment approval dated 05.11.2024, subject project was scheduled to be commissioned by 31.03.2026 against which the subject asset was put under commercial operation as per following:

Asset	SCOD	DOCO	Delay (in days)
Asset-1	31.03.2026	09.06.2026 (proposed)	70

It is respectfully submitted that a time overrun of 70 days has occurred in the execution of the instant asset. The Petitioner seeks condonation of the said delay, which has arisen on account of factors beyond its reasonable control despite its continuous efforts to ensure timely implementation of the project. The detailed reasons for the time overrun are set out hereunder for the kind consideration of this Hon'ble Commission:

Reasons for delay:

The delay in commissioning of the instant asset is attributable to the following factors, which were beyond the control of the Petitioner:

1. Delay in Grant of Transmission License.
2. Severe rainfall during Cyclone Montha
3. Force Majeure due to War in West Asia

The reasons for the delay are elaborated below: -

1) **Delay in Grant of Transmission License.**

Pursuant to the CTUIL Office Memorandum dated 22.03.2024, PAKTL filed an application before the Hon'ble Commission on 15.04.2024 for grant of Transmission Licence. In terms of Section 15(6) of the Electricity Act, 2003, the Commission is required to dispose of an application for grant of licence within ninety days from the date of filing i.e. by 14.07.2024. However, the Transmission Licence was granted only on 30.09.2024, i.e., after 168 days from the date of filing.

It is submitted that the grant of the Transmission Licence was a prerequisite for commencement of various project implementation activities. Therefore, the delay in issuance of the Transmission Licence had a direct bearing on the project schedule and consequently impacted the progress of the project.

In regard to above, it is submitted that the Hon'ble Commission, vide its Order in Petition No. 185/TT/2024, has recognized the impact of the delay in grant of the Transmission Licence and condoned the period of delay beyond the statutory period of ninety days.

Accordingly, out of the total period of 168 days taken for grant of the Transmission Licence, the delay beyond the statutory period of ninety days, amounting to 78 days (168 days minus 90 days), is attributable to the delayed grant of the Transmission Licence and is beyond the control of the Petitioner.

2) **Delay due to Severe rainfall during Cyclone Montha**

During 27-28 October 2025, the project area in Ananthapuram District experienced exceptionally heavy rainfall associated with Cyclone Montha.

The adverse weather conditions rendered construction activities unsafe and inaccessible, necessitating complete suspension of site works during the affected period. Consequently, all the activities remained halted for 2 days, resulting in unavoidable delay beyond the control of the Petitioner.

3) **Force Majeure due to War in West Asia**

The prevailing war situation in West Asia resulted in severe disruption of international supply chains and shortage of petroleum products and gas, adversely affecting execution of projects across the country.

Recognising the extraordinary nature of the event, the Ministry of Finance, Government of India, vide Office Memorandum dated 29.04.2026, declared the prevailing war situation in West Asia as a Force Majeure event. The Office Memorandum further provided that all projects having contractual obligations falling on or after 28.02.2026 shall be granted an extension of not less than two months.

Since the scheduled completion date of the present project was 31.03.2026, the project squarely falls within the scope of the aforesaid Office Memorandum. Accordingly, the Petitioner may be granted an extension of 60 days on account of the Force Majeure event arising from the war in West Asia.

Despite the aforesaid unforeseen circumstances and Force Majeure events, the Petitioner took all reasonable and prudent measures to mitigate their impact and expedite the implementation of the project. As a result of its continuous efforts and effective project coordination, the subject asset was commissioned with a time overrun of only 70 days.

In view of the foregoing facts and circumstances, it is prayed before the Hon'ble Commission to condone the delay of 70 days in completion of subject asset as the said delay was beyond the control of the Petitioner. It is submitted that all supporting documents for the above reasons of time over run are enclosed at **Encl.-7.**

11. Estimated Completion Cost:

The present Petition for determination of tariff is filed in line with provision 9(1) of tariff Regulation 2024 applicable for 2024-29 period. The capital cost incurred upto DOCO and additional capital expenditure projected to be incurred for 2024-29 is duly certified by the Auditor. Copy of Auditor Certificates for the assets in the instant petition are attached at **Encl-8.**

(₹ in Lakhs)

Asset No.	Approved Cost as per FR	Expenditure Up to COD	Estimated expenditure during 2024-29 tariff block as per Auditor certificate			Estimated completion Cost as on 31.03.2029
			2026-27	2027-28	2028-29	
Asset-1	2986	1000.34	1137.03	222.19	0	2359.56

** Includes notional IDC of ₹ 0.20 lakhs claimed in accordance with the provisions of Regulation 19(2)(b) and 21(1) of CERC Tariff Regulations,2024.*

It may be seen from the above table that against the approved cost of ₹2986 Lakh as per FR, the estimated completion cost of Asset-1 is ₹2359.56 Lakh. Thus, there is no cost overrun w.r.t. FR approved cost for Asset-1.

Cost variation:

The variation between estimated completion cost vis-à-vis approved cost for the Assets covered under instant petition are given as hereunder:

₹ in Lakhs

Asset No.	Approved Cost as per FR (a)	Estimated Completion Cost (b)	Cost Variation (c=b-a)
Asset-1	2986	2359.56	-626.44

The item-wise cost variation between FR approved cost and estimated completion cost have been given in Form-5.

Further, salient reasons of Cost Variation w.r.t. FR for is given here as under:

Cost variation in the Substation equipment including civil works (Decrease of ₹342.71 Lakhs): It is submitted that through open competitive bidding process, most competitive market prices for required product/services/as per detailed designing is obtained and contracts are awarded on the basis of lowest evaluated responsive bidder on overall basis. The best competitive bid prices against tenders may vary as compared to the cost estimate depending upon prevailing market conditions, design and site requirements, whereas the estimates are prepared by the petitioner as per well-defined procedures for cost estimate. The FR cost estimate is broad indicative cost worked out

generally on the basis of average unit rates of recently awarded contracts as a general practice. It is submitted that the cost estimate of the project is on the basis of June 2024 price level.

Further, regarding variation in cost of individual item in Substation packages, it is submitted that the packages under subject scope of works comprise of a large no. of items and the same are awarded through open competitive bidding. In the said bidding process, bids are received from multiple parties quoting different rates for various BOQ items under the said package. Further, the lowest bidder can be arrived at/ evaluated on overall basis only. Hence, item-wise unit prices in contracts and its variation over unit rate considered in FR estimates are beyond the control of the petitioner.

Variation in IDC (Decrease of ₹ 142.78 Lakhs):

Variation in IDC is attributable to variation in the rate of interest considered in FR vs Actual interest rates and deployment of funds based on actuals. The actual IDC accrued up to DOCO has been considered in the Auditor Certificate.

Variation in IEDC (Decrease of ₹ 140.95 Lakhs):

In the Investment approval, IEDC and Contingency have been considered @ 10.75% and 3% respectively, whereas based on the actual expenditure under the subject head, IEDC has been considered in the Auditor Certificate.

Tariff for the instant asset has been claimed on the basis of Capital Cost as on actual DOCO and projected expenditure during 2024-29. Hence, it is humbly prayed that Tariff may be allowed on the completion cost for the asset covered under instant Petition.

12. DETAILS OF THE INITIAL SPARES:

The Initial spares for the Assets have been calculated as per Regulation 23(d) of the Tariff Regulations, 2024 which provides as under:

"23. Initial Spares: Initial spares shall be capitalised as a percentage of the Plant and Machinery cost, subject to following ceiling norms: ……..

(d) Transmission system

(i) Transmission line - 1.00%

(ii) Transmission Sub-station

- Green Field- 4.00%

- Brown Field- 6.00%

(iii)Series Compensation devices and HVDC Station- 4.00%

(iv)Gas Insulated Sub-station (GIS)

- Green Field-5.00%

- Brown Field-7.00%

(v) Communication system - 3.50%

(vi) Static Synchronous Compensator - 6.00% ……...

Provided that:

Plant and Machinery cost shall be considered as the original project cost excluding IDC, IEDC, Land Cost and Cost of Civil Works. The generating company and the transmission licensee, for the purpose of estimating Plant and Machinery Costs, shall submit the break-up of head-wise IDC and IEDC in its tariff application ……

Considering the aforesaid Regulation, the initial spares are calculated as under:

(₹ in Lakhs)

Asset No.	Particulars	Allowable % Spares (X)	Total Cap. Cost for calculation of initial Spares (A)	Initial Spares Claimed (B)	Allowable Initial Spares C= (A-B)*X/(100-X)	Excess Initial Spares () [If B>C]
Asset 1	Sub-station (GIS) Brown Field	6	2221.86	46.80	138.83	Nil

It is submitted that the Initial spares for the instant asset are within the specified limit under Regulation 23 of the Tariff Regulations, 2024.

Further, it may be mentioned that in the Auditor Certificate, initial spares discharged upto DOCO are included in DOCO cost, whereas initial spares discharged after DOCO are included in the ADD-CAP expenditure of the respective year.

Details of Spare Discharge

(₹ in Lakhs)

Asset	Initial Spares Claimed	Year-wise discharge of Spare			
		As on DOCO	2026-27 (i.e. DOCO to 31.03.2027)	2027-28	2028-29
Asset-1	46.80	23.40	23.40	0	0

Therefore, it is prayed to this Hon'ble Central Commission to allow the initial spares as claimed in the present petition.

13. DETAILS OF ADDITIONAL CAPITALIZATION

The details of additional capitalization (Add Cap) claimed during 2024-29 tariff block is given as hereunder:

The admissibility of additional capital expenditure (Add Cap) incurred after the DOCO is to be dealt with in accordance with the provisions of Regulation 24 of CERC Tariff Regulations, 2024. The extract of Regulation 24 of the Tariff Regulations, 2024 is reproduced as under:

"Additional Capitalization"

(1) The additional capital expenditure in respect of a new project or an existing project incurred or projected to be incurred, on the following counts within the original scope of work, after the date of commercial operation and up to the cut-off date may be admitted by the Commission, subject to prudence check:

(a) Payment made towards admitted liabilities for works executed up to the cut-off date;
(b) Works deferred for execution;
(c) Procurement of initial capital spares within the original scope of work, in accordance with the provisions of Regulation 23 of these regulations;
(d) Payment against the award of arbitration or for compliance with the directions or order of any statutory authority or order or decree of any court of law;
(e) Change in law or compliance with any existing law which is not provided for in the original scope of work;
(f) For uninterrupted and timely development of Hydro projects, expenditure incurred

towards developing local infrastructure in the vicinity of the power plant not exceeding ₹ 10 lakh/MW shall be considered as part of capital cost and in case the same work is covered under budgetary support provided by Government of India, the funding of such works shall be adjusted on receipt of such funds;

Provided that such expenditure shall be allowed only if the expenditure is incurred through Indian Governmental Instrumentality; and

(g) Force Majeure events:

Provided that in case of any replacement of the assets, the additional capitalization shall be worked out after adjusting the gross fixed assets and cumulative depreciation of the assets replaced on account of de-capitalization.

Cutoff date:

Sl. No.	Asset	DOCO date	Cutoff date
1	Asset-1	09.06.2026	31.03.2030

14. Add cap for 2024-29 block:

Asset	Add cap detail (₹ Lakhs)				
	2024-25	**2025-26**	**2026-27**	**2027-28**	**2028-29**
Asset-1	-	-	1137.03	222.19	-
	Applicable regulation (Tariff Regulations, 2024)				
	-	-	24(1)(a) & 24(1)(b)	24(1)(a)	-

15. The additional Capitalization incurred/projected to be incurred in the contextual assets is on account of Balance/Retention Payments for undischarged liabilities and payment towards unexecuted works before cut-off date. hence, the same may be allowed by the Hon'ble Commission under Regulation 24(1)(a) & 24(1)(b) of Tariff Regulations, 2024. That the liability flow statement is enclosed as **Encl-9.**

16. TRANSMISSION TARIFF FOR 2024-29 BLOCK:

That as per regulation 8(1) (i) & (ii), 14 (5) and regulation 15 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024, the tariff for transmission of electricity on Inter-State transmission system (ISTS) shall comprise

transmission charges for recovery of annual fixed cost consisting of (a) Return on Equity, (b) Interest on Loan Capital, (c) Depreciation, (d) Interest on Working Capital and (e) Operation and maintenance expenses.

The tariff for block 2024-29 has been worked out as per Regulation 10 of the CERC (Terms and Conditions of Tariff) Regulations, 2024. In the present petition the transmission tariff has been calculated taking actual Expenditure upto DOCO and Actual/estimated expenditure from DOCO to 31.03.2029. The tariff Formats for block 2024-29 has been worked out as per Annexure-I, Part III of the tariff regulations for period 2024-29.

Further, for the instant assets, details of accrual IDC as considered under add-cap during the year of discharge for tariff blocks 2024-29 are tabulated below.

Asset-1:

(₹ in lakhs)

Expenditure	Sub-station	Communication system excl. OPGW	IT Equipment	Total
As per Auditor Certificate (Upto DOCO) i.e. as on 08.06.2026	741.92	122.38	135.84	**1000.14**
Less : Accrual IDC, to be discharged after DOCO	5.69	0.94	1.04	**7.67**
Add: Notional IDC	0.15	0.02	0.03	**0.20**
Expenditure upto DOCO excluding Accrual IDC and including notional IDC	**736.38**	**121.46**	**134.83**	**992.67**
Expenditure from DOCO to 31.03.2027 (As per auditor certificate)	1085.33	24.5	27.2	**1137.03**
Add: Accrual IDC to be discharged in FY 2026-27	5.69	0.94	1.04	**7.67**
Estimated Expenditure in FY 2026-27 (Including Accrual IDC)	**1091.02**	**25.44**	**28.24**	**1144.70**
Estimated Expenditure in FY 2027-28	222.19	0	0	**222.19**
Estimated Expenditure in FY 2028-29	0	0	0	**0.00**
Total Estimated Completion Cost	**2049.59**	**146.90**	**163.07**	**2359.56**

17. It is submitted that out of total IDC of ₹ 10.84 lakhs claimed in the instant petition, ₹3.17 Lakhs has been discharged upto DOCO, and the balance IDC of ₹7.67 Lakhs is likely to be discharged after DOCO during FY 2026-27. It is submitted that expenditure other than the above accrued IDC has been considered on cash basis in the Auditor's certificate. Further, the entire amount of IEDC for the instant asset has been discharged as on DOCO. The Hon'ble Commission is requested to kindly allow the IDC on the basis of cash out flow. Further, a statement of cash IDC is enclosed at **Encl-10.**

18. Notional IDC: It is submitted that the petitioner has claimed notional IDC of ₹ 0.20 Lakhs for Asset-1. The same has been claimed in accordance with the provisions of Regulation 19(2)(b) and Regulation 21(1) of CERC Tariff Regulations, 2024. The calculation of the same is enclosed as **Encl – 11**.

19. The transmission tariff has been calculated based on audited cost and considering IDC discharged & notional IDC. Calculations for working out the tariff along with supporting documentation are enclosed as Encl.**-12.**

The annual transmission tariff for the tariff period 2024-29 is summarized as below:

(₹ In Lakhs)

Sl. No.	Project	2024-25	2025-26	2026-27	2027-28	2028-29
1	Asset-1	-	-	279.29	438.93	450.78

20. It is submitted that the petitioner has opted to pay income tax under Section 115BAA of Income-tax Act, 1961. Nil Tax rate has been considered and therefore, ROE has been calculated @ 15% as per Regulation 31 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024. Any under-recovery or over-recovery of grossed up rate on ROE after truing up shall be recovered or refunded to beneficiaries or the long-term customers, as the case may be on year-to-year basis. It is further submitted that adjustment due to any additional tax demand including interest duly adjusted for any refund of tax including interest received from IT authorities shall be recoverable /adjustable during the tariff period 2024-29 on year-to-year basis on receipt of Income Tax assessment order.

21. Under CGST Act, 2017 implemented w.e.f. 01.07.2017, the Govt. of India has exempted the charges of transmission of electricity vide notification no. 12/2017 - Central Tax (Rate) dated 28.06.2017 at serial no. 25 under the heading 9969 "Transmission or distribution of electricity by an electric transmission or distribution utility" by giving applicable GST rate as NIL. Hence, the Transmission Charges as indicated at instant petition is exclusive of GST. Further, if GST is levied at any rate and at any point of time in future on Charges of Transmission of Electricity, the same shall be borne and additionally paid by the respondent(s) to the petitioner and the same shall be charged & billed separately by the petitioner. Further additional taxes, if any, are to be paid by the petitioner on account of demand from Govt. / Statutory authorities, the same may be allowed to be recovered from the beneficiaries.

22. In the tariff calculation for 2024-29 period, Interest on Loan has been calculated on the basis of rate prevailing as on DOCO / 09.06.2026 for respective loans. The change in Interest rate due to floating rate of interest applicable, if any, for the project needs to be claimed / adjusted over the tariff block of 05 years directly from / with the beneficiaries.

23. The transmission charges at para-19 above is inclusive of O&M expenses derived for the subject asset based on the norms for O&M expenditure for Transmission System as specified under regulation 36 (3) (a, b, d & e) of the tariff regulations for block 2024-29 but excludes security expenses, Insurance and capital spares as provided in the Regulation.

24. That as per Regulation 36(3)(d) of CERC Tariff Regulations, 2024, the Security Expenses, Insurance and Capital Spares more than 10 Lakh for transmission system shall be allowed separately after prudence check.

Security Expanses:

In this regard, it is submitted that liberty may kindly be granted for filing separate petition for recovery of security expenses from 01.04.2024 to 31.03.2029 and consequential Interest on Working Capital (IOWC) on the same under the Regulation 36 (3) (d) of Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2024.

Insurance:

In this regard, it is submitted that liberty may kindly be granted for separate petition shall be filed before Hon'ble Commission for claiming the overall Insurance Expenses and consequential Interest on Working Capital (IOWC) on the same considering actual Insurance Expense incurred by the Petitioner for the F/Y 2023-24 after escalating the same at 5.25% per annum for arriving at the Estimated Insurance Expense for the year 2024-25, 2025-26, 2026-27, 2027-28 and 2028-29.

Capital Spares:

With regard to Capital Spares, as per Tariff Regulations, 2024, Capital spares consumed and consequential Interest on Working Capital (IOWC) on the same shall be claimed by the Petitioner as per actual through a separate petition.

25. The application filing fee, expenses incurred on publication of Notices in Newspapers and License fee may be allowed to be recovered separately from the respondents in terms of Regulation 94(1) of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024. The fees and charges to be paid by the petitioner as ISTS licensee (deemed ISTS licensee) under CERC (Fees and Charges of RLDC and other matters) Regulations as amended from time to time shall also be recoverable from the DICs as provided under clause 94 (3) of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024.

26. The Transmission Charges and other related Charges indicated at para 19 above, is exclusive of incentive, late payment surcharge, FERV, any statutory taxes, levies, duties, cess, filing fees, license fee, RLDC fees and charges, capital spares, security expenses, insurance expenses or any other kind of imposition (s) and/ or other surcharges etc. whatsoever imposed / charged by any Government (Central/State) and / or any other local bodies/authorities/regulatory authorities in relation to transmission of electricity, environmental protection, and/or in respect of any of its installation associated with the Transmission System and the same shall be borne and additionally paid by the respondent(s) to the petitioner and the same shall be charged, billed separately by the petitioner on the respondents.

Sharing of Transmission Charges

27. Tariff for Transmission of Electricity (Annual Fixed Cost) for 2024-29 as per para 19 above shall be recovered on monthly basis in accordance with Regulation 78 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 and shall be shared by the beneficiaries and long-term transmission customers in accordance with the Central Electricity Regulatory Commission (Sharing of Inter State Transmission Charges and Losses) Regulations, 2020 or as amended from time to time.

28. In the circumstances mentioned above, it will be just and proper that the transmission tariff for the asset covered under this petition be allowed to be charged from the beneficiaries on the basis set out above. The Petitioner submits that the **Encl-1 to 13** may please be treated as integral part of this petition.

PRAYER

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

a) Admit the petition filed in compliance with Regulation 9 of CERC Regulations

b) Condone the delay in completion of subject assets on merit of the same being out of the control of Petitioner.

c) Approve the Date of Commercial Operation (DOCO) for subject Assets

d) Admit the capital cost as claimed in the Petition and approve the Additional Capitalization incurred / projected to be incurred.

e) Allow the Notional IDC claimed in accordance with the provisions of Regulation 19(2)(b) and 21(1) of CERC Tariff Regulations, 2024.

f) Approve the initial spares as claimed in the instant petition.

g) Approve the Transmission Tariff for the tariff block 2024-29 block for the asset covered under this petition.

h) Allow the petitioner to recover the shortfall or refund the excess Annual Fixed Charges, on account of Return on Equity due to change in applicable Minimum Alternate/Corporate Income Tax rate as per the Income Tax Act, 1961 (as

amended from time to time) of the respective financial year directly without making any application before the Commission as provided in Tariff Regulation 2024 as per para -19 above for respective block.

i) Approve the reimbursement of expenditure by the beneficiaries towards petition filing fee, and expenditure on publishing of notices in newspapers in terms of Regulation 94 (1) Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024, and other expenditure (if any) in relation to the filing of petition.

j) Allow the petitioner to bill and recover Licensee fee and RLDC fees and charges, separately from the respondents in terms of Regulation 94 (3) and (4) Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024.

k) Allow the petitioner to bill and adjust impact on Interest on Loan due to change in Interest rate on account of floating rate of interest applicable during 2024-29 period, if any, from the beneficiaries.

l) Grant Liberty to file a separate petition before Hon'ble Commission for claiming the overall security expenses and consequential IOWC on that security expenses as mentioned at Para 24 above.

m) Grant Liberty to claim the overall insurance expenses and consequential IOWC on that insurance expenses separately as mentioned at Para 24 above.

n) Grant Liberty to file a separate petition before Hon'ble Commission for claiming the overall capital spares as per actual as mentioned at Para 24 above.

o) Allow the Petitioner to bill and recover GST on Transmission Charges separately from the respondents, if GST on transmission is levied at any rate in future. Further, any taxes including GST and duties including cess etc. imposed by any statutory/Govt./municipal authorities shall be allowed to be recovered from the beneficiaries.

p) Allow interim tariff in accordance with Regulation 10 (3) of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for purpose of inclusion in the PoC charges.

and pass such other relief as Hon'ble Commission deems fit and appropriate under

the circumstances of the case and in the interest of justice.

FILED BY

Place: Secunderabad

Powergrid Khavda II-C Transmission Limited

DATED:03.09.2026

BIPIN BIHARI RATH

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Date: 2026.09.04 17:35:03 +05'30'

REPRESENTED BY

Project In-Charge

Powergrid Khavda II-C Transmission Limited

BEFORE

THE CENTRAL ELECTRICITY REGULATORY COMMISSION,

NEW DELHI

PETITION NO.: .../TT/2026

IN THE MATTER OF: Petition for determination of transmission tariff for 2024-29 tariff block for **2 nos of 400kV line bays at Ananthapuram PS for Connectivity to M/s Renew Vikram Shakti Pvt. Ltd and 1 no. of 400kv line bay at Ananthapuram PS for Connectivity to M/s ABC Cleantech Pvt Ltd."** under **"Implementation of 03 Nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects"** in Southern Region under Section 62 read with Section 79(1)(d) of the Electricity Act, 2003, Regulation 15(1)(a) & Regulation 23 of Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2024.

Powergrid Khavda II-C Transmission Limited
Registered office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110 016
Address for Correspondence: C/O ED (TBCB), "SAUDAMINI", Plot No.-2, Sector-29, Gurgaon-122 001 (Haryana)

---PETITIONER

Vs

Tamil Nadu Generation and Distribution Corporation Ltd.
(Now known as **Tamil Nadu Power Distribution Corporation Limited)**
NPKRR Maaligai, 800, Anna Salai,
Chennai – 600 002
Represented by its Chairman & Managing Director
And others

---RESPONDENTS

AFFIDAVIT VERIFYING THE PETITION

I, Bipin Bihari Rath, S/o Gobinda Chandra Rath working as Project-in-Charge in the **Powergrid Khavda II-C Transmission Limited**, having its registered Office at B-9, Institutional Area, Katwaria Sarai, New Delhi-110 016, do hereby solemnly affirm and state as under: -

BIPIN BIHARI RATH
Digitally signed by BIPIN BIHARI RATH
Date: 2026.09.04 17:36:22 +05'30'

NOTARY ATTESTED
03/09/26
GUDURU RAVINDRA KUMAR
B.A., LL.B.
ADVOCATE
No: 18-4-386, Aliyabad, Hyderabad-53

GUDURU RAVINDRA KUMAR NOTARY Appointed by Govt. of A.P. GO Ms No:896

बिपिन बिहारी रथ / Bipin Bihari Rath
परियोजना प्रभारी (प्रोजेक्ट-ए9)
Project In-Charge (Project-A9)
पावरग्रिड खावड़ा - II सी ट्रांसमिशन लिमिटेड
Powergrid Khavda - II C Transmission Ltd.

1. That the deponent is the Project-in-Charge of Petitioner and is well conversant with the facts and the circumstances of the case and therefore competent to swear this affidavit.

2. That the accompanying Petition under Section 62 of the Electricity Act, 2003, has been filed by my authorised representative/nominated counsel under my instruction and the contents of the same are true and correct to the best of my knowledge and belief.

3. That the contents of Para 01 to 28 of the facts as mentioned in the Petition are true and correct based on my personal knowledge, belief and records maintained in the office and the contents of Para 01 to 28 of the Petition are believed to be true on the basis of the legal advice received.

4. That the annexures annexed to the Petition are correct and true copies of the respective originals.

5. That the Deponent has not filed any other Petition or Appeal before any other forum or court of law with respect to the subject matter of the dispute

BIPIN BIHARI RATH

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Date: 2026.09.04 17:36:50 +05'30'

बिपिन बिहारी रथ (DEPONENT)
परियोजना प्रभारी (प्रोजेक्ट-ए9)
Project In-Charge (Project-A9)
पावरग्रिड खावड़ा - II सी ट्रांसमिशन लिमिटेड
Powergrid Khavda - II C Transmission Ltd.

VERIFICATION

Solemnly affirmed at Gurugram on this day of 03rd **September 2026** that the contents of the above affidavit are true to my knowledge and belief and no part of it is false and nothing material has been concealed there from.

BIPIN BIHARI RATH

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Date: 2026.09.04 17:37:21 +05'30'

(DEPONENT)

बिपिन बिहारी रथ / Bipin Bihari Rath
परियोजना प्रभारी (प्रोजेक्ट-ए9)
Project In-Charge (Project-A9)
पावरग्रिड खावड़ा - II सी ट्रांसमिशन लिमिटेड
Powergrid Khavda - II C Transmission Ltd.

GUDURU RAVINDRA KUMAR NOTARY Appointed by Govt. of A.P. GO Ms No:896 TEN RUPEES NOTARIAL

NOTARY ATTESTED

03/09/26

GUDURU RAVINDRA KUMAR
B.A., LL.B.
ADVOCATE
No: 18-4-386, Aliyabad, Hyderabad-53

Certified true copy of the resolution passed at the 37th Meeting of Board of Directors of POWERGRID Khavda II-C Transmission Limited held at shorter notice on Sunday, 10th May 2026 at 10:00 a.m. at POWERGRID's Corporate Office: "Saudamini", Plot No. 2, Sector-29, Gurgaon- 122001, Haryana.

Item No. 37.2.4: -

Appointment of Shri Bipin Bihari Rath, Chief GM (Projects & PESM), SR-I, RHQ, Sec-bad POWERGRID as Project In-charge Project A9: Ananthpuram Kurnool TBCB Transmission System Project

X X X X

After deliberation, the Board approved the proposal and passed the following resolution:

"Resolved that Shri Bipin Bihari Rath (Emp. No. 60000533), Chief GM (Projects & PESM), SR-I, RHQ, Sec-bad, POWERGRID, be and is hereby appointed as Project In-charge of the Company.

Resolved further that any Director of the Company be and is hereby authorized to execute General Power of Attorney empowering Project In-charge to undertake activities on behalf of the Company including filing Application before the Central Electricity Regulatory Commission (CERC) for grant of transmission license, represent the Company before CERC or any other Authority, execute necessary documents on behalf of it and to discharge the legal / statutory matters of the Company and take all necessary steps for this purpose.

Resolved further that Project-In-charge be and is hereby authorised to sub-delegate any or all powers to any executive of POWERGRID not below the rank of chief manager, subject to his ultimate control and supervision."

*****

Certified to be true copy
For POWERGRID Khavda II-C Transmission Limited

BIPIN BIHARI RATH
Digitally signed by BIPIN BIHARI RATH
Date: 2026.09.04 17:37:56 +05'30'

Kritika

(Kritika Sharma)
Company Secretary
M. No. – A66362
Address: "SAUDAMINI", Plot No.2, Sector-29, Gurgaon, Haryana – 122001

CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

Petition No. 439/MP/2024

Coram:

Shri Jishnu Barua, Chairperson
Shri Ramesh Babu V., Member
Shri Harish Dudani, Member
Shri Ravinder Singh Dhillon, Member

Date of order: 30th May, 2025

In the matter of:

Petition under Section 17 (1) and 17(3) of Electricity Act, 2003 ('the Act') for amalgamation/merger of Powergrid Khavda II-B Transmission Limited, Powergrid Khavda RE Transmission System Limited, Powergrid KPS2 Transmission System Limited, Powergrid KPS3 Transmission Limited, Powergrid ERWR Power Transmission Limited, Powergrid Raipur Pool Dhamtari Transmission Limited, Powergrid Dharamjaigarh Transmission Limited, Powergrid Bhadla Sikar Transmission Limited, Powergrid Ananthpuram Kurnool Transmission Limited, Powergrid Neemrana Bareilly Transmission Limited, Powergrid Koppal Gadag Transmission Limited, Powergrid Bidar Transmission Limited and Powergrid Khavda II-C Transmission Limited and assignment/ transfer of Transmission Licences pursuant to amalgamation/merger.

And
In the matter of

1. POWERGRID KHAVDA II-B Transmission Limited,
at B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi–110016.

2. POWERGRID KHAVDA RE Transmission System Limited,
B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi–110016.

3. POWERGRID KPS2 Transmission System Limited,
B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi–110016.

4. POWERGRID KPS3 Transmission Limited,
B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi–110016.

5. POWERGRID ERWR Power Transmission Limited,
B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi–110016.

6. POWERGRID Raipur Pool Dhamtari Transmission Limited,
B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi–110016

7. POWERGRID Dharamjaigarh Transmission Limited,
B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi–110016.

8. POWERGRID Bhadla Sikar Transmission Limited,
B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi–110016.

9. POWERGRID Ananthpuram Kurnool Transmission Limited,
B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi – 110016.

10. POWERGRID Neemrana Bareilly Transmission Limited,
B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi – 110016.

11. POWERGRID Koppal Gadag Transmission Limited,
B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi – 110016.

12. POWERGRID Bidar Transmission Limited,
B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi – 110016.

13. POWERGRID KHAVDA II-C Transmission Limited,
B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi – 110016. **…Petitioners**

VERSUS

1. Central Transmission Utility of India Limited,
Floors No. 5-10, Tower 1,
Plot No. 16, IRCON International Tower,
Institutional Area, Sector 32,
Gurugram, Haryana–122001.

2. Power Grid Corporation of India Limited
B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi.

3.Central Electricity Authority,
Sewa Bhawan, Rama Krishna Puram,
Sector-1, New Delhi-110066.

4. ACME Solar Holdings Private Limited,
Plot 152, Sector-44,
Gurgaon-122002, Haryana. **...Respondents**

Parties present:

Ms. Pooja Mahajan, Advocate, POWERGRID
Shri Savar Mahajan, Advocate, POWERGRID
Shri Nishant Sogani, Advocate, POWERGRID
Shri Srivatsava Beerapalli, Advocate, POWERGRID
Shri V C Sekhar, POWERGRID
Shri Prashant Kumar, POWERGRID
Shri Swapnil Verma, CTUIL
Shri Siddharth Sharma, CTUIL

ORDER

The present petition has been filed by Petitioner No. 1 to Petitioner No. 13 (hereinafter referred to as "the Petitioners") invoking the regulatory jurisdiction of the Central Electricity Regulatory Commission under Section 17(1) and 17(3) of the Electricity Act, 2003 ("the Act") and other applicable laws seeking appropriate directions with respect to amalgamation/ merger of the companies of Petitioner No. 1 to Petitioner No. 12 (hereinafter collectively referred to as "Transferor Companies") with Petitioner No.13 (hereinafter referred to as "Transferee Company") and their respective shareholders and creditors pursuant to a Scheme of Arrangement under Sections 230 – 232 of the Companies Act, 2013 read with the rules and regulations made thereunder (hereinafter referred to as "the Scheme") and assignment/ transfer of transmission licences pursuant

thereto. The Petitioners have made the following prayers:

i. *Allow the present Application;*

ii. *Approve the amalgamation/ merger of Petitioner No. 1 to Petitioner No. 12 with Petitioner No. 13 pursuant to the Scheme of Arrangement under Section 230-232 of the Companies Act along with the assignment/ transfer of transmission licenses granted to Transferor Companies in favour of Petitioner No. 13 in terms of the Scheme;*

iii. *Condone any inadvertent omissions / errors / shortcomings and permit to add, change, modify alter this filing and make further submissions as may be required at a future date; and*

iv. *Pass such other order(s) as are deemed necessary in the facts and circumstances of the case.*

2. The Petitioners have mainly submitted as under:

(a) The Petitioners, wholly owned subsidiaries of POWERGRID Corporation of India Limited (POWERGRID) have set up as project based Special Purpose Vehicle by the Bid Process Coordinator (BPC) and acquired by POWERGRID pursuant to tariff-based competitive bidding (TBCB) mechanism, wherein POWERGRID emerged as a successful bidder to execute a power transmission project on a Build, Operate, Own and Transfer (BOOT)/ Build, Operate, Own and Maintain (BOOM) basis. The Petitioners are engaged in a similar nature of business, i.e., operation and management of the power transmission systems spread over various parts of the country. POWERGRID is the major creditor for these companies in which credit facility is extended through Inter Corporate Loans.

(b) In addition, the Petitioners cater to distinct geographical locations across India, the proposed amalgamation/ merger *vide* the Scheme, envisages to consolidate the business for creation of a single larger unified entity, and reduce the

number of entities within the group to achieve optimal and efficient utilisation of capital, enhance operational and management efficiencies, have simplified organisational structure and at the same time maintaining the TBCB business model distinct from POWERGRID's Regulated Tariff Mechanism (RTM) business. Further, the amalgamation, pursuant to the Scheme, would *inter alia* have following advantages:

(a) Consolidation of business would achieve simplification of administrative tasks, improve management efficiencies, streamline the decision-making process, and at the same time maintaining POWERGRID's TBCB business distinct from its Regulated Tariff Mechanism (RTM) business;

(b) reduction in the number of companies within the group, as well as achieving a reduction in the multiplicity of legal and regulatory compliance.

(c) The Scheme of amalgamation/ merger and assignment/transfer/amendment of transmission licences of the Transferor Companies in favour of the Transferee Company that forms the subject matter of the present Petition was approved by the Board of Directors of all the Transferor Companies and the Transferee Company on following dates:

Company	Date of Board Meeting
POWERGRID ERWR Power Transmission Limited	12-08-2024
POWERGRID Khavda RE Transmission System Limited	14-08-2024
Powergrid Khavda II- B Transmission Limited	20-08-2024
POWERGRID Khavda II-C Transmission Limited	21-08-2024
POWERGRID KPS2 Transmission System Limited	20-08-2024
POWERGRID Raipur Pool Dhamtari Transmission Limited	12-08-2024
POWERGRID Dharamjaigarh Transmission Limited	12-08-2024

POWERGRID KPS3 Transmission Limited	12-08-2024
POWERGRID Bhadla Sikar Transmission Limited	12-08-2024
POWERGRID Ananthpuram Kurnool Transmission Limited	12-08-2024
POWERGRID Neemrana Bareilly Transmission Limited	12-08-2024
POWERGRID Koppal Gadag Transmission Limited	12-08-2024
POWERGRID Bidar Transmission Limited	12-08-2024

(d) The Scheme provides for the amalgamation/ merger of the Transferor Companies into the Transferee Company. The Scheme has been filed before the Ministry of Corporate Affairs (hereinafter referred to as "MCA") on 23rd September 2024 in terms of the Notification G.S.R. 582 (E) dated 13th June, 2017 read with G.S.R. 463 (E) dated 5th June, 2015 of the Ministry of Corporate Affairs for sanction and approval under relevant provisions of the Companies Act, 2013.

(e) As per clause 1.1 (v) of the Scheme, the effectiveness of the Scheme is conditional upon the grant of approval by this Commission. The Petitioners have also placed on record a copy of the Petition filed before the MCA for sanction and approval of the amalgamation/merger of the Transferor Companies into the Transferee Company.

(f) The salient features of the Scheme are as follows:

A. The Appointed Date (hereinafter referred to as "Appointed Date") under the Scheme is 1st April, 2024;

B. The Effective Date (hereinafter referred to as "Effective Date") will mean the date of filing of the certified copy of the order passed by the MCA approving the Scheme with the Registrar of Companies ("RoC") or the date on which all the Conditions Precedent are completed, whichever is later. Notably, the grant of

approval by this Commission under this Petition is a Condition Precedent for the effectiveness of the Scheme.

C. The Business Undertaking (hereinafter referred to as “Business Undertaking”/ “Undertaking”) under the Scheme shall mean the Transferor Companies and all undertakings and entire business of each Transferor Company, as a going concern, and shall include as of the Appointed Date (without limitation):

i. all assets and property wherever situated, whether movable or immovable, tangible or intangible, real or personal, in possession or reversion, corporeal or incorporeal of whatever nature, including land (whether freehold or leasehold), transmission assets viz; transmission towers, plant and machinery, building, offices (including liaison offices), any interest in properties co-owned, premises, capital, work-in-progress, current assets (including inventories, sundry debtors, bills of exchange, loans and advances), vehicles, godowns, stocks and stores, warehouses, furniture, fixtures, office equipment, appliances accessories, water pipelines, all contingent rights and entitlements, trade mark, patents, copyrights, all other intellectual property share of any joint assets, subsidiaries, associates, investments, and other facilities and all cash and bank balance;

ii. all permits, quotas, rights, entitlements, industrial and other licences, bids, tenders, letters of intent, memorandum of undertaking expression of interest, permissions, approvals, consents, clearances, authorizations, orders for adoption of annual transmission charges from various Governmental Authorities including municipal (whether granted or pending), subsidies, receivables, benefit of any deposits, financial assets including investments of all kinds, funds belonging to or utilised by the Transferor Companies, bank accounts, privileges and all other rights and benefits including tax, direct or indirect including advance tax paid or any tax deducted in respect of any income received, sales tax deferrals and exemptions and other benefits, lease, rights, membership, power and facilities of every kind, nature and description whatsoever, rights to use and avail of telephones, telexes, facsimile connections and installations, utilities, electricity and other services, provisions, funds, benefits of any agreements, contracts and arrangements and all other interest in connection with or relating to the Transferor Companies;

iii. all earnest money and/or security deposits paid by the Transferor Companies;

iv. all employees of the Transferor Companies immediately preceding the Appointed Date;

v. all records, files, papers, engineering and process information, websites, domain names, software licences, manuals data, catalogues, quotations, sales and advertisement materials, lists of present and former customers and suppliers, customer credit information, customer pricing information, and other records whether in physical or electronic form in connection with or relating to the Transferor Companies; and

vi. all legal proceedings, including quasi-judicial, arbitral and other administrative proceedings of whatsoever nature involving the Transferor Companies.

D. The Scheme provides that after the Effective Date, but with effect from the Appointed Date, subject to the provisions of this Scheme, the Business Undertakings shall stand transferred to and vest in Petitioner No. 13/ Transferee Company, as a going concern, together with all the respective estates, properties, assets, contracts, employees, records, approvals (including Governmental Approvals), rights, claims, title and authorities, benefits, liabilities and interest therein, subject to existing charges thereon in favour of banks and financial institutions or otherwise, as the case may be, without any further act, instrument, deed, matter or thing being made, done or executed, so as to become, as and from the Appointed Date, the estate, properties, assets, rights, claims, entitlements, title and authorities, benefits, liabilities and interest of the Transferee Company by virtue of and in the manner provided in the Scheme pursuant to the sanction of the Scheme by the MCA and the provisions of Sections 230 to 232 and other applicable provisions of the Companies Act.

E. Upon the Scheme becoming effective, each of the Transferor Companies shall be dissolved without being wound up, without any further act or deed.

(g) The Scheme provides that in consideration of the transfer and vesting of the Undertakings of the Transferor Companies in the Transferee Company in terms of the Scheme, the Transferee Company shall, without any further application or deed, shall allot to the shareholders of the Transferor Company fully paid-up equity shares of Rs. 10 (Rupees Ten) each in proportion to the ratio of net asset value of the Transferor Company in the merged entity. Further, pursuant to the Scheme, the equity shares of the Transferor Companies shall stand cancelled and extinguished. The consideration to be paid to the shareholder of the Transferor Companies is determined as per the Share Exchange Ratio Report dated 12th July 2024, issued by CA Vijay Deep Singh (Registered Valuer), IBBI Registration No: IBBI/RV/06/2018/10139, and RVO Membership No: ICAIRVO/06/RV-P00027/2018-19, recommending the aforesaid share exchange ratio in respect of the Scheme.

(h) The auditors of each of the Petitioners have certified that the accounting treatment in the Scheme is in conformity with the accounting standard prescribed under Section 133 of the Companies Act. The Petitioners have also placed on record a copy of the Auditors' Certificate(s) with respect to the accounting treatment proposed in the Scheme as issued to each of the Transferor Companies and Transferee Company.

(i) The present Petition has also been filed to seek prior approval for the transfer/assignment of transmission licences of the Transferor Companies in favor of the Transferee Company, pursuant to the Scheme. In view of Section 17 of the Act, the approval of the Commission is sought for the assignment/transfer of the

transmission licences granted to the Transferor Companies in favour of Petitioner No. 13/Transferee Company as a consequence of the Scheme.

(j) Pursuant to the Scheme, all orders passed by the Governmental Authority in favour of the Transferor Companies with respect to adoption of annual transmission charges, under any applicable law including the Act and the rules and regulations made thereunder, shall, pursuant to the MCA Approval Order, continue to apply to the respective projects for which such orders have been passed, and shall accrue to the benefit of the Transferee Company with respect to such projects without any further act, instrument or deed. Further, separate accounts will be maintained for all the respective projects of the Petitioners after the Scheme becomes effective. In light of the aforesaid and given that the transfer of the Business Undertaking is on a going concern basis, no separate prayer or direction is being sought for the adoption of annual transmission charges for the respective projects of the Petitioners.

(k) The Petitioners have submitted that the arrangement as proposed in the Scheme is in the interest of the shareholders, creditors and all other stakeholders of the Transferor Companies and Transferee Company and is not prejudicial to the interests of any of the concerned shareholders, creditors, or the public at large.

Hearing dated 30.12.2024

3. The matter was admitted, and notices were issued to the Respondents to file their respective replies. During the course of the hearing, the learned counsel for the Petitioners mainly reiterated the submissions made in the Petition. The learned counsel further

submitted that since the Transferor Companies and the Transferee Company involved in the said Scheme, are government companies, the Scheme has been filed before the Ministry of Corporate Affairs in terms of the Notification G.S.R. 582 (E) dated 13.6.2017 read with G.S.R. 463 (E) dated 5.6.2015 of MCA for sanction and approval under relevant provisions of the Companies Act, 2013. However, the said application is currently pending before the MCA, and the Petitioners have also furnished certain additional information pursuant to the queries raised by the MCA.

4. In response to a specific query of the Commission as to why the Petitioners and POWERGRID have opted for two separate schemes for the merger/amalgamation, one as covered in the present Petition and the other in Petition No. 500/MP/2024, the learned counsel and the representative of the Petitioners submitted that two separate schemes have been considered keeping in view the equity investment ceilings for the CPSEs in the JVs and Subsidiaries as prescribed by the Department of Public Enterprises, Government of India. In addition, certain other aspects, such as the Projects being primarily located in the States of Gujarat and Rajasthan, all Projects being at the initial stages of construction, Transferee Companies having high land requirements, etc., have also been taken into consideration.

5. Vide Record of proceedings dated 30.12.2024, the Petitioners were directed to furnish the following information/clarification:

a. Status of compliance with the requirement of notice under Section 17(2) of the Act;

b. Whether the proposed Scheme contravenes any of the provisions of the

TSAs, including the requirement of Equity Lock-in Commitment therein; and

c. A copy of the Scheme of Arrangement approved by the MCA in terms of the provisions of the Companies Act 2013.

6. The Petitioners, in compliance with the RoP dated 30.12.2024, vide affidavit dated 24.1.2025, have submitted as under:

a. With respect to compliance with the requirement of notice under Section 17(2) of the Act, a notice under the said provision was issued on 21st January 2025.

b. The scheme does not contravene any of the provisions of the Transmission Services Agreements ("TSAs"), including the requirement of Equity Lock-in. Upon amalgamation, the entire shareholding of the Transferee Company (i.e., the merged company) will continue to be held by POWERGRID along with its nominees, and therefore, the Proposed Scheme is in compliance with the requirement of Equity Lock-in Commitment of POWERGRID. Further, the terms of the TSAs executed by all the Petitioner Companies (including Transferor Companies), including with respect to Equity Lock-In Commitment, will be applicable *mutatis mutandis* to the Transferee Company.

c. The TSAs for all the BOOT projects, i.e., all Petitioner Companies except Petitioner No. 8 (POWERGRID Bhadla Sikar Transmission Limited), have been executed with CTUIL, and on 12th November 2024, a no-objection certificate was issued by CTUIL in favour of such Petitioner Companies in terms of the provisions of the TSAs. The Petitioners have placed on record a copy of the NOC received from CTUIL**.**

d. As regards the BOOM project, i.e., Petitioner No. 8 (POWERGRID Bhadla Sikar Transmission Limited), the TSA has been executed with ACME Solar Holdings Private Limited (hereinafter referred to as "ACME"), which is Respondent No. 4 under this Petition. As per the TSA executed with ACME, the

TSP, i.e., Petitioner No. 8, can transfer its rights and obligations under the TSA with the prior approval of the Appropriate Commission.

e. The application for approval of the Scheme of Arrangement filed before the MCA is pending adjudication.

Hearing dated 25.2.2025

7. During the course of the hearing, the learned counsel for the Petitioners submitted that no reply has been filed by the Respondents despite notice. He further submitted that pursuant to the directions issued vide Record of Proceedings for the hearing dated 30.12.2024, the Petitioners have filed their compliance affidavit dated 24.1.2025. Learned counsel added that the CTUIL has also submitted its no-objection in relation to the amalgamation of the SPVs with the Transferee Company. The representative of CTUIL confirmed that CTUIL has issued its no-objection for the amalgamation/ merger of the Petitioner companies.

8. In response to a specific query of the Commission regarding the issuance of notice by the concerned licensee(s) under Section 17(2) of the Act, the learned counsel for the Petitioners submitted that a common notice under Section 17(2) of the Act has been served on behalf of POWERGRID, the Holding company and its 19 Wholly Owned Subsidiary (WOS) i.e., TBCB SPVs. The learned counsel further clarified that the said notice had been issued by a common Company Secretary, acting on behalf of the Holding company as well as its Wholly Owned Subsidiaries.

9. Considering the submissions made by the learned counsel for the parties, the Commission reserved the matter for order. Notices were issued to the Respondents to file

their replies; however, none of the other Respondents has filed any reply.

Analysis and decision

10. We have considered the submissions of the Petitioners. The present Petition has been filed invoking the sub-sections (1) and (3) of the Section 17 of the Act seeking the approval of the Commission to the amalgamation/merger of Petitioner Nos. 1 to 12 (Transferor Companies) with Petitioner No.13 (Transferee Company) pursuant to the Scheme of Arrangement under Section 230-232 of the Companies Act along with assignment/transfer of the transmission licences granted to the Transferor Companies in the favour of the Transferee Company in terms of the Scheme.

11. The rationale of the Scheme, as submitted by the Petitioners, is to consolidate the business for the creation of a single larger unified entity and reduce the number of entities within the group to achieve operational and management efficiencies, simplification of administrative tasks, and a simplified organizational structure. It has also been submitted that the amalgamation, pursuant to the Scheme, would *inter alia,* have the advantages of (i) consolidation of business would achieve simplification of administrative tasks, improve management efficiencies, streamline the decision making process, and at the same time maintaining the POWERGRID's TBCB business distinct from its RTM business; and (ii) reduction in the number of companies within the group as well as achieving reduction multiplicity of legal and regulatory compliances. The salient features of the Scheme as pointed out by the Petitioners have already been noted at paragraph 7 of this order.

12. The Petitioners have prayed for the approval of the Commission under sub-sections

(1) and (3) of the Section 17 of the Act. Section 17 of the Act reads as under:

> *"**Section 17. (Licensee not to do certain things):** --- (1) No licensee shall, without prior approval of the Appropriate Commission, -*
>
> *(a) undertake any transaction to acquire by purchase or takeover or otherwise, the utility of any other licensee; or*
>
> *(b) merge his utility with the utility of any other licensee:*
>
> *Provided that nothing contained in this sub-section shall apply if the utility of the licensee is situate in a State other than the State in which the utility referred to in clause (a) or clause (b) is situate.*
>
> *(2) Every licensee shall, before obtaining the approval under sub-section (1), give not less than one month's notice to every other licensee who transmits or distributes, electricity in the area of such licensee who applies for such approval.*
>
> *(3) No licensee shall at any time assign his licence or transfer his utility, or any part thereof, by sale, lease, exchange or otherwise without the prior approval of the Appropriate Commission.*
>
> *(4) Any agreement, relating to any transaction specified in sub-section (1) or sub-section (3), unless made with the prior approval of the Appropriate Commission, shall be void."*

13. Sub-section (1) of Section 17 provides that no licensee shall, without the prior approval of the Appropriate Commission, (i) undertake any transaction to acquire by purchase or takeover or otherwise, the utility of any other licensee, or (ii) merge its utility with the utility of any other licensees. However, the proviso to the said sub-section further clarifies that the said sub-section shall not apply if the utility of the licensee is situated in a State other than the State in which the utility referred to in (i) or (ii) above is situated. Sub-section (2) of Section 17 requires every licensee, before obtaining the approval under sub-section (1), to give not less than one month's notice to every other licensee who transmits or distributes, electricity in the area of such licensee who applies for such approval. Further,

sub-section (3) of Section 17 provides that no licensee shall at any time assign its licence or transfer its utility, or any part thereof, by sale, lease, exchange, or otherwise without the prior approval of the Appropriate Commission. Whereas, sub-section (4) of Section 17 stipulates that any agreement, relating to any transaction specified in sub-section (1) or sub-section (3), unless made with the prior approval of the Appropriate Commission, shall be void.

14. The brief details of the Transferee Companies (Petitioner Nos. 1-12) and Transferor Company (Petitioner No.13) are as under:

Sr.	Transferors/ Transferee Company	Name of Company	Project Name	Location of Licensee's Utilities/Project	Order by which Licence was granted
1	Transferors	POWERGRID Khavda II-B Transmission Limited	"Transmission Scheme for Evacuation of 4.5 GW RE Injection at Khavda PS under Phase II – Part B" (BOOT Basis)	Gujarat	Order dated 22.8.2023 in Petition No. 141/TL/2023
2	Transferors	POWERGRID Khavda RE Transmission System Limited	Transmission Network Expansion in Gujarat associated with integration of RE Projects from Khavda Potential RE Zone (BOOT Basis)	Gujarat	Order dated 17.8.2023 in Petition No. 143/TL/2023
3	Transferors	POWERGRID KPS 2 Transmission System Limited	(i) Establishment of Khavda Pooling Station (KPS 2) in Khavda RE Park (BOOT Basis) (ii) Interconnection of RE Developers' Dedicated Transmission Line at Khavda Pooling Station -2 (KPS) 2 (RTM Mode)	Gujarat	(i) Order dated 4.8.2023 in Petition No. 126/TL/2023, and (ii) Order dated 17.10.2024 in Petition No. 168/TL/2024
4	Transferors	POWERGRID KPS3 Transmission Limited	(i) Khavda Pooling Station-3 (KPS3) in Khavda RE Park (BOOT Basis) (ii) Transmission System for evacuation of power from potential renewable energy zone in Khavda area of Gujarat under Phase IV (7 GW) : Part E3 (RTM Mode)	Gujarat	(i) Order dated 31.8.2023 in Petition No. 145/TL/2023, and (ii) Order dated 3.5.2024 in Petition No.58/TL/2024
5	Transferors	POWERGRID ERWR Power Transmission Limited	Inter-regional ER-WR Interconnection (BOOT Basis)	Odisa & Chhattisgarh	Order dated 31.7.2023 in Petition No. 130/TL/2023
6	Transferors	POWERGRID Raipur Pool Dhamtari Transmission Limited	Western Region Expansion Scheme XXVII (BOOT Basis)	Chhattisgarh	Order dated 23.8.2023 in Petition No.147/TL/2023
7	Transferors	POWERGRID Dharamjaigarh Transmission Limited	Western Region Expansion Scheme XXVIII & XXIX (BOOT Basis)	Chhattisgarh	Order dated 31.7.2023 in Petition No. 139/TL/2023
8	Transferors	POWERGRID Bhadla Sikar Transmission Limited	Transmission System Strengthening Scheme for Evacuation of Power from Solar Energy Zones in Rajasthan (8.1	Rajasthan	Order dated 30.8.2023 in Petition No.

Sr.	Transferors/ Transferee Company	Name of Company	Project Name	Location of Licensee's Utilities/Project	Order by which Licence was granted
			GW) under Phase II Part E (BOOM Basis)		149/TL/2023
9	Transferors	POWERGRID Ananthpuram Kurnool Transmission Limited	(i) Transmission Scheme for Solar Energy Zones in Ananthpuram (2500 MW) and Kurnool (1000 MW), Andhra Pradesh (BOOT Basis) (ii) 3 Nos. of 400 kV Line bays at Ananthpuram PS for integration of RE Projects (RTM Mode)	Andhra Pradesh	(i) Order dated 29.2.2024 in Petition No.340/TL/2023 (ii) Order dated 30.9.2024 in Petition No. 172/TL/2024
10	Transferors	POWERGRID Neemrana Bareilly Transmission Limited	Transmission System for Evacuation of Power from Rajasthan REZ Phase IV (Part 1) Bikaner Complex Part D (BOOT Basis)	Rajasthan & Uttar Pradesh	Order dated 22.4.2024 in Petition No. 55/TL/2024.
11	Transferors	POWERGRID Koppal Gadag Transmission Limited	Transmission Scheme for integration of Renewable Energy Zone (Phase II) in Koppal II (Phase A & B) and Gadag II (Phase A) (BOOT Basis)	Karnataka	Order dated 26.7.2024 in Petition No. 52/TL/2024
12	Transferors	POWERGRID Bider Transmission Limited	Transmission Scheme for Solar Energy Zones in Bidar (2500 MW), Karnataka (BOOT Basis)	Karnataka & Telangana	Order dated 15.10.2024 in Petition No. 116/TL/2024
13	Transferee	POWERGRID Khavda II-C Transmission Limited	Transmission Scheme for evacuation of 4.5 GW RE Injection at Khavda PS under Phase II Part C (BOOT Basis)	Gujarat	Order dated 31.7.2023 in Petition No. 128/TL/2023

15. Given the Scheme provides for the merger/amalgamation of the Transferor Companies into the Transferee Company and since the utilities of some of the Transferee Companies and Transferor Companies are situated in the same State (Gujarat), the Petitioners were asked to confirm the compliance with the requirement of notice as envisaged in sub-section (2) of the Section 17 of the Act. Pursuant thereto, the Petitioners have submitted that a notice dated 21.1.2025 was issued to every other licensee who transmits or distributes electricity in the area of these licensees under Sub-Section (2) of Section 17 of the Act. We have gone through the notice dated 21.1.2025, and it is observed that a common notice under sub-section (2) of Section 17 of the Act has been served on behalf of Power Grid Corporation of India Limited, the Holding company and its Wholly owned Subsidiary (WOS) TBCB SPVs, i.e., Petitioners in the present case. It is also observed that the said notice has been issued by a common Company Secretary, acting

on behalf of the Holding company as well as its Wholly owned Subsidiaries. After perusal of the said notice, we are of the view that the Petitioners have complied with the provision of sub-section (2) of Section 17 of the Act.

16. Further, a Transmission Service Agreement (TSA) for all the BOOT Projects i.e., all Petitioner Companies expect Petitioner No. 8 (POWERGRID Bhadla Sikar Transmission Limited) have been executed with CTUIL and as per Article 15.3 of the TSA, the Petitioners are required to obtain a prior approval of CTUIL for assigning the transmission licence or transfer of the Project or Part thereof to any other person by sale, lease, exchange or otherwise. Article 15.3 of the TSA is reproduced below:

> *"15.3 Substitution Rights of the Lenders*
>
> *15.3.1 The TSP would need to operate and maintain the Project under the provisions of this Agreement and cannot assign the Transmission License or transfer the Project or part thereof to any person by sale, lease, exchange or otherwise, without the prior approval of the Nodal Agency."*

17. Regarding the prior approval of the Nodal Agency, i.e. CTUIL, in all BOOT Projects, the Petitioners have placed on record a copy of the no-objection certificate issued by CTUIL in favour of such Petitioner Companies in terms of the provisions of the TSAs, except Petitioner No. 8 (POWERGRID Bhadla Sikar Transmission Limited), who is implementing the TBCB project under BOOM mode and not required to obtain from CTUIL a no objection certificate. Accordingly, CTUIL has also granted its approval for the assignment of the transmission license or the transfer of the Project or part thereof to any person by sale, lease, exchange, or otherwise.

18. As regards the BOOM project, i.e., Petitioner No. 8 (POWERGRID Bhadla Sikar

Transmission Limited), the TSA has been executed with ACME Solar Holdings Private Limited (ACME), which is Respondent No. 4 under this Petition. As per the TSA executed with ACME, the TSP, i.e., Petitioner No. 8, can transfer its rights and obligations under the TSA with the prior approval of the Appropriate Commission, i.e., this Commission.

19. Further, the Petitioners have also submitted that the Scheme does not contravene any of the provisions of the TSAs, including the requirement of Equity Lock-in. The Petitioners have submitted that upon amalgamation, the entire shareholding of the Transferee Company (i.e., the merged company) will continue to be held by POWERGRID along with its nominees, and therefore, the Proposed Scheme is in compliance with the requirement of Equity Lock-in Commitment of POWERGRID. Further, the terms of the TSAs executed by all the Petitioner Companies (including Transferor Companies), including with respect to Equity Lock-In Commitment, will be applicable *mutatis mutandis* to the Transferee Company.

20. Also, the Scheme that forms the subject matter of the present Petition has also been approved by the Board of Directors of all the Transferor Companies and the Transferee Company, and the Petitioners have placed on record a copy of the Resolutions passed at the respective Meetings of the Board of Directors.

21. The Petitioners have submitted that as per the Scheme, after the effective date, but with effect from the Appointed Date, the Business Undertakings shall stand transferred to and vest in Petitioner No. 13/ Transferee Company, as a going concern, together with all the respective estates, properties, assets, contracts, employees, records, approvals (including Governmental Approvals), rights, claims, title and authorities, benefits, liabilities

and interest therein, subject to existing charges thereon in favour of the banks and financial institutions or otherwise, as the case may be, without any further act, instrument, deed, matter or thing being made, done or executed, so as to become, as and from the Appointed Date, the estate, properties, assets, rights, claims, entitlements, title and authorities, benefits, liabilities and interest of the Transferee Company by virtue of and in the manner provided in the Scheme pursuant to the sanction of the Scheme by the MCA and the provisions of Sections 230 to 232 and other applicable provisions of the Companies Act. Upon the Scheme becoming effective, each of the Transferor Companies shall be dissolved without being wound up, without any further act or deed.

22. The Petitioners have further submitted that, under the Scheme, the undertakings of the Transferor Companies shall vest in the Transferee Company, which, in turn, shall allot fully paid-up equity shares of Rs. 10 each to the shareholders of the Transferor Companies in proportion to their net asset value in the merged entity. Upon the Scheme taking effect, the equity shares of the Transferor Companies shall stand cancelled and extinguished. The share exchange ratio has been determined as per the report dated 12th July 2024, issued by CA Vijay Deep Singh, a Registered Valuer. The Petitioners have also submitted that the Scheme's accounting treatment conforms to Section 133 of the Companies Act, as certified by the respective auditors. Additionally, all orders passed by the governmental authorities regarding the adoption of annual transmission charges under the Electricity Act shall continue to apply to the respective projects and shall benefit the Transferee Company without requiring further action. It has also been submitted that separate accounts will be maintained for each project post-merger. Since the transfer is on a going-concern basis, no

separate direction is sought for the adoption of annual transmission charges. The Petitioners have, accordingly, emphasized that the arrangement as proposed in the Scheme is in the interest of the shareholders, creditors, and all other stakeholders of the Transferor Companies and Transferee Company and is not prejudicial to the interest of any of the concerned shareholders, creditors, or public at large.

23. Regulation 12 of the Transmission Licence Regulations *inter alia* requires a licensee to maintain the separate accounts for each business, including the business undertaken in terms of the Central Electricity Regulatory Commission (Sharing of Revenue Derived from Utilization of Transmission Assets for Other Business) Regulations, 2020, in such form and containing such particulars as may be specified by the Commission and till such time these are specified by the Commission, the accounts shall be maintained in accordance with the Companies Act, 2013, as amended from time to time. Further, Regulation 16(5) of the Transmission Licence Regulations also provides that when there is an addition/modification of the licence, the licensee shall be required to maintain separate accounts for such additional elements. Since the arrangement under the proposed Scheme not only includes the merger of various TBCB (BOOT & BOOM) Projects but also the RTM Projects, the Transferee Company shall maintain separate accounts for all the respective Projects after the Scheme becomes effective.

24. Further, since the assets and liabilities of Petitioner Nos. 1 to 12 would be valued and shown in the books of Petitioner No. 13 at the same value which are reflected in the present balance sheets of Petitioner Nos. 1 to 12, the question of any premium or its distribution would not and does not arise. Taking note of the submission of the Petitioners, we direct

that Petitioner No. 13 after the merger will reflect the assets and liabilities of Petitioner Nos. 1 to 12 at the same value as are reflected in the present balance sheet of Petitioner Nos. 1 to 12 and not at any discount/premium as it will disturb the debt-equity ratio of Petitioner Nos. 1 to 12 which are regulated entities.

25. In view of the above, we find that the Petitioners have complied with the requirement stipulated under the Act, TSA regarding amalgamation/ merger of Petitioner No. 1 to Petitioner No. 12 with Petitioner No. 13 pursuant to the Scheme of Arrangement under Sections 230-232 of the Companies Act. Accordingly, we approve the amalgamation/ merger of Petitioner No. 1 to Petitioner No. 12 with Petitioner No. 13 pursuant to the Scheme of Arrangement under Section 230-232 of the Companies Act under sub-sections (1) & (3) of Section 17 of the Act.

26. The Petitioners have sought assignment/ transfer of licences granted to Petitioner No. 1 to Petitioner No. 12 in favour of Petitioner No. 13 pursuant to and as an effect of the Scheme in terms of sub-section 17(3) of the Act. Given that we have already accorded our approval to the amalgamation/merger of the Petitioner Nos. 1 to 12 with the Petitioner No.13 in terms of the Scheme of Arrangement under Section 230-232 of the Companies Act, we also accord *in-principle* approval the consequent assignment of the transmission licences granted to Petitioner Nos. 1 to 12 in favour of Petitioner No. 13. Needless to add, consequent to the assignment of licences, all rights, assets, liabilities and obligations of these licensees in respect of the transmission business shall vest in Petitioner No. 13 i.e. POWERGRID Khavda II-C Transmission Limited. POWERGRID Khavda II-C Transmission Limited shall also remain bound by the terms and conditions of licences

granted to Petitioner Nos. 1 to 12.

27. However, as noted above, the Scheme of Arrangement under Section 230-232 of the Companies has been filed before the Ministry of Corporate Affairs (MCA) for its sanction and approval under the relevant provisions of the Companies Act, read with the Ministry of Corporate Affairs' Notification No. GSR 582(E) dated 13.6.2017 and Notification No. G.S.R 463(E) dated 5.6.2015 and the approval of the MCA thereof is currently pending. Accordingly, the approval of the amalgamation/merger as well as the consequent assignment of the transmission licence(s) of the Petitioner Nos.1 to 12 with Petitioner No.13, as accorded by us in the foregoing paragraphs, shall be subject to the MCA's sanction and approval of the Scheme. Further, upon the receipt of the MCA's sanction and approval of the Scheme, the Petitioners shall also place on record a copy of such sanction and approval in the file of the present case.

28. Further, pursuant to MCA's sanction and approval to the Scheme and the Petitioners having furnished such sanction and approval as directed in paragraph 27 above, the necessary endorsements to this effect shall be made to the transmission license(s) issued to the Petitioner Nos. 1 to 12 herein.

29. Petition No. 439/MP/2024 is disposed of in terms of the above findings.

Sd/-	sd/-	sd/-	sd/-
(Ravinder Singh Dhillon)	**(Harish Dudani)**	**(Ramesh Babu V.)**	**(Jishnu Barua)**
Member	**Member**	**Member**	**Chairperson**

BIPIN BIHARI RATH

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CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

Petition No. 172/TL/2024

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

Date of order: 30th September, 2024

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 Licence and other related matters) Regulations, 2009 for grant of separate Transmission Licence to POWERGRID Ananthpuram Kurnool Transmission Limited for Implementation of 3 nos. of 400kV line bays at Ananthpuram PS for integration of RE generation projects under "Regulated Tariff Mechanism" (RTM) mode.

And
In the matter of

POWERGRID Ananthpuram Kurnool Transmission Limited,
B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi – 110016.

Address for correspondence:
ED(TBCB), Power Grid Corporation of India Limited,
Saudamini, Plot no.2, Sector-29,
Gurgaon-122001, Haryana. **……Petitioner**

Vs.

1. Central Transmission Utility of India Limited,
Saudamini, Plot no.2, Sector -29,
Gurgaon-122001, Haryana.

2. PFC Consulting Limited,
9th Floor,A-Wing, Statesman House,
Connaught Place, New Delhi- 110001.

3. Andhra Pradesh Power Purchase Coordination Committee,
Andhra Pradesh Power Co-ordination Committee,

Vidyut Soudha, Gunadala,
Vijayawada-520004, Andhra Pradesh.

4. **Bangalore Electricity Supply Company,**
Corporate Office, BESCOM K.R.Circle,
Bangalore-560001.

5. Gulbarga Electricity Supply Company,
Gulbarga Electricity Supply Company,
Gulbarga-585102.

6. Hubli Electricity Supply Company,
HESCOM, Navanagar, P.B Road,
Hubballi-580025.

7. Mangalore Electricity Supply Company,
3rd Floor, MESCOM Bhavan, Corporate Office,
MESCOM, Kavoor Cross Road, Bejai,
Mangalore- 575004.

8. Chamundeswari Elect. Supply Company Limited,
CESC Mysore, Corporate Office,
#29, Vijayanagara 2nd Stage, Hinkal,
Mysuru-570017.

9. KSEB Limited,
Kerala Electricity Board, Vydyuthi Bhavanam,
Pattom, Thiruvananthapuram-695004, Kerala.

10. Tamil Nadu Generation and Distribution Company Limited,
Chief Financial Controller/Revenue / Eastern Wing,
7th Floor, NPKRR Maaligai,144,
Anna Salai, Chennai - 600 002

11. Telangana State PC Committee,
Vidyut Soudha, Khairathabad,
Hyderabad-500082, Telangana.

12. Puducherry Electricity Department,
1st Floor, Main Building, Electricity Department,
Govt of Puducherry, Puducherry-605001.

13. Goa Electricity Department-SR,
Electricity Department, Division No: III,
Curti, Ponda- 403401, Goa.

14. HVDC, Kolar, Power Grid Corporation of India Limited,

SRTS# II, Pragati Mahalakshmi,
South Block, (2nd & 3rd Floor),
No.62, Bangalore, 560001, Karnataka.

15. Thermal Powertech Corporation India,
Door No. 6-3-1090, 2nd Floor, C Block,
Tsr Towers, Raj Bhavan Road,
Somajiguda, Hyderabad - 500082
(Opposite Villae Marie College).

16. SAIL-Salem Steel Plant,
Salem Steel Plant,
Steel Authority of India Limited,
Salem- 636013.

17. Sembcorp Gayatri Power Limited,
6-3-1090, 5th Floor, A Block,
TSR Towers, Raj Bhavan Road,
Somajiguda, Hyderabad.

18. South Western Railway,
Office of Senior Divisional Electrical Engineer,
Divisional Railway Manager Building,
Traction Distribution Branch, Ground Floor,
Adjacent to City Railway Station, Bengaluru- 560023.

19. Pugalur HVDC Station, POWERGRID,
HVDC-Pugalur Nochipalayam Post,
Sirukinar Village Dharmapuram Taluk,
Tiruppur -638706, Tamil Nadu.

20. Thrissur HVDC Station, POWERGRID,
HVDC-THRISSUR sub-station,
Power Grid Corporation of India Limited,
Near Cashew Research Station,
Mannuthy Thannikudem Road,
Madakathara, Thrissur-680651, Kerala.

…Respondents

The following were present:
Shri Prashant Kumar, AKTL
Shri V. C. Sekhar, AKTL
Shri S. Vallinayagam, Advocate, TANGEDCO
Shri M. Sethuraman, TANGEDCO
Dr. R. Kathiravan, TANGEDCO
Shri Ranjeet Rajput, CTUIL
Shri Siddharth Sharma, CTUIL

Ms. Priyansi Jadiya, CTUIL
Ms. Kavya Bharadwaj, CTUIL

ORDER

The Petitioner, POWERGRID Ananthpuram Kurnool Transmission Limited, (in Short 'PAKTL'), has filed the present Petition under Section 14 of the Electricity Act, 2003 (hereinafter referred to as 'the Act') read with the provisions of the Central Electricity Regulatory Commission (Terms and Conditions for grant of Transmission Licence and other related matters) Regulations, 2009 (hereinafter referred to as 'the Transmission Licence Regulations') for the grant of a separate transmission licence for the implementation of transmission system for implementation of 3 nos. of 400kV line bays at Ananthpuram PS for integration of RE generation projects through "Regulated Tariff Mechanism" (RTM) mode (hereinafter referred to as the 'transmission scheme/project'). The scope of the project for which a transmission licence has been sought is as follows:

Sl. No.	Name of the scheme and Implementation timeframe	Estimated Cost (₹ crore)	Remark
1	2nos. of 400 kV line bays at Ananthpuram PS for Connectivity to M/s Renew Vikram Shakti Pvt. Ltd. Implementation timeframe: 31.3.2026	45.64 crores	400kV line bays- 2 Nos.
2	1no. of 400 kV line bay at Ananthpuram PS for Connectivity to M/s ABC Cleantech Pvt. Ltd. Implementation timeframe: 31.3.2026		400kV line bays- 1No.

2. The Petitioner, POWERGRID Ananthpuram Kurnool Transmission Limited (a 100% wholly owned subsidiary of Power Grid Corporation of India Limited) is an Inter-State

Transmission Licensee implementing the "Transmission Scheme for Solar Energy Zone in Ananthpuram (Ananthapur) (2500 MW) and Kurnool (1000 MW), Andhra Pradesh “on a Build, Own, Operate and Transfer (BOOT) basis through TBCB route (hereinafter referred to as "TBCB Project"). The Commission, vide its order dated 29.2.2024 in Petition No. 340/TL/2023, granted a transmission licence to POWERGRID Ananthpuram Kurnool Transmission Limited for aforesaid TBCB Project consisting of the following elements:

S.No.	Project elements	Scheduled COD
1.	*Establishment of 400/220 kV, 7x500 MVA pooling station at a suitable border location between Ananthpuram & Kurnool Distt with 400kV (2x125 MVAR) bus reactor* ***A. 400kV*** *i ICT: 7x500MVA, 400/220kV* *ii ICT bay: 7 nos.* *iii Line bay: 4 nos.* *iv Bus Reactor: 2×125 MVAR, 420kV* *v Bus Reactor bay: 2 nos.* *vi Line Reactor: 2x80 MVAR, 420kV* *vii Switchable line reactor bay: 2 nos.* *viii Space for future line bays along with switchable line* *reactor: 12 nos.* *ix Space for future 400/220kV ICTs along with associated bay: 4 nos.* ***B. 220Kv*** *i ICT bay: 7 nos.* *ii Line bay: 12 nos.* *iii Bus sectionalizer: 2 sets* *iv Bus coupler bay: 3 nos.* *v Transfer Bus coupler bay: 3 nos.* *vi Space for future 400/220kV ICTs along with associated bays: 4 nos.* *vii Space for future line bays: 8 nos.* *viii Space for additional future 220kV Bus* *Sectionalizer:* *1set*	24 months from SPV Transfer.

S.No.	Project elements	Scheduled COD
	ix Space for additional future 220kV TBC bay: 1 nos. x Space for additional future 220kV BC bay: 1 nos	
2.	*Ananthpuram PS-Kurnool-III PS 400 kV (Quad moose) D/c Line*	24 months from SPV Transfer.
3.	*2 Nos 400 kV line bays at Kurnool-III PS for Ananthpuram PS-Kurnool-III PS 400 kV D/c line*	24 months from SPV Transfer.
4.	*Ananthpuram PS-Cuddapah-400kV (Quad moose) D/c Line*	24 months from SPV Transfer.
5.	*2 Nos 400 kV line bays at Cuddapah PS for Ananthpuram PS-Cuddapah 400 kV D/c line*	24 months from SPV Transfer.
6.	*80 MVAr, 420 KV switchable line reactor at Ananthpuram PS for each circuit of Ananthpuram PS Cuddapah 400 kV D/c line, along with associated switching equipment*	24 months from SPV Transfer.

Note:
i. Developer of Kurnool-III PS shall provide space for 2 no. of 400 kV line bays at Kurnool-III PS for termination of Ananthpuram PS-Kurnool-III PS 400 kV (Quad Moose) D/c Line.
ii. Powergrid shall provide space for 2 no. of 400 kV line bays at Cuddapah PS for termination of Ananthpuram PS-Cuddapah 400 kV (Quad Moose) D/c Line."

3. The Central Transmission Utility of India Limited (CTUIL) has issued an Office Memorandum dated 22.3.2024 to the Petitioner wherein it has approved and nominated the Petitioner company to implement the transmission scheme through the "Regulated Tariff Mechanism" (RTM) mode.

4. The Petitioner has submitted that after the grant of a separate transmission licence, the Petitioner shall proceed to implement the transmission scheme under the RTM mode. The estimated completion cost of the transmission scheme, as per CTUIL`s Office Memorandum (OM), is Rs. 45.64 crore. After completion of the transmission scheme, the Petitioner shall approach the Commission for the determination of the transmission

charges in accordance with the Transmission Licence Regulations.

5. The transmission scheme was agreed in the 28th Consultation Meeting of the Southern Region held on 29.2.2024. The relevant portion of the minutes of the meeting held on 29.2.2024 are extracted as under:

*"d. **…**The details of 400kV bays being implemented under ISTS are as below:*

S.No.	***Description of Transmission Element***	***Scope of work***	***Schedule***	***CMETS-SR***
1	*2 nos. of 400kV line bays at Ananthapuaram PS for Connectivity to M/s Renew Vikram Shakti Pvt. Ltd*	• *400kV line bays- 2 Nos.*	*31.03.2026*	*23rd held on 29.09.2023*
2	*1 nos. of 400kV line bay at Ananthapuaram PS for Connectivity to M/s ABC Cleantech Pvt. Ltd.*	• *400kV line bays- 1 Nos*	*31.03.2026*	*25th held on 28.11.2023*

6. Based on the above, CTUIL, vide its Office Memorandum dated 22.3.2024, approved the implementation of the "Implementation of 3 nos. of 400kV line bays at Ananthpuram PS for integration of RE generation projects" on RTM mode along with identifying the implementing agency and also addressing the same to the Ministry of Power, Government of India, and NCT.

7. The Commission, after considering the application of the Petitioner in light of the provisions of the Act and the Transmission Licence Regulations, vide its order dated 11.7.2024, *prima facie* proposed to grant a separate transmission licence to the Petitioner to implement the transmission projects detailed in paragraph 1 of the order. The relevant extracts of the order dated 11.7.2024 are extracted as under:

"*18. In the present case, the Petitioner does not fulfil any of the eligibility conditions*

for the grant of a transmission licence. However, the instant transmission scheme has been approved by CTUIL vide its OM dated 22.3.2024 and allocated to the Petitioner under RTM mode. The non-grant of a transmission licence to any agency nominated by CTUIL to implement a transmission scheme through a regulated tariff mechanism in view of the provisions of Regulation 6 defeats the purpose of the Policy decision of the Government. Considering the above, we are of the view that it is a fit case for a relaxation of the provisions of Regulation 6 by invoking the power vested under Regulation 24 of the Transmission Licence Regulations.

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

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

20. It is an established principle of law that the power to relax has to be strictly construed and is to be exercised judiciously and with caution. Further, the power to relax is to be exercised only when undue hardship is caused by the application of the rules or regulations. In the present case, the Petitioner is a transmission licensee who is already implementing the project defined under its scope through the TBCB mechanism. The present Petition is consequent to the office order 28.10.2021 notified by the Ministry of Power Government of India wherein CTUIL has been authorized to determine the mode of implementation of ISTS projects costing up to Rs. 100 crore. Pursuant to the direction of the Ministry of Power, CTUIL, vide its Office Memorandum dated 22.03.2024, has informed regarding a list of Projects to be implemented through a Regulated Tariff Mechanism, which also includes the transmission scheme of the present petition.

21. Since the Petitioner is already an inter-State transmission licensee and has been identified as an agency to implement the project as per RTM, the Commission, in the exercise of power under Regulation 24, hereby relaxes the provision of Regulation 6 of the Transmission Licence Regulations and holds that the Petitioner is eligible for the grant of a transmission licence. We, hereby, direct that a public notice under clause (a) of sub-section (5) of Section 15 of the Act be published to invite suggestions or objections to grant a transmission licence aforesaid. The objections or suggestions, if any, shall be filed by any person before the Commission by ***20.7.2024.***

……

24. We observe that the implementation of the time schedule of all three bays is 31.3.2026. Whereas for ABC CT RE Park (03) Pvt. Ltd., the start date of connectivity, as intimated by the CTUIL is 28.9.2025. CTUIL is directed to clarify on an affidavit within two weeks whether the scheduled commissioning of the bay on which ABC CT RE Park (03) Pvt. Ltd has been given an in-principle connectivity and needs any

alignment with the start date of connectivity for this applicant."

Hearing dated: 25.7.2024

8. During the course of the hearing, the representative of the Petitioner submitted that vide order dated 11.7.2024, the Commission had observed that the Petitioner is eligible for the grant of a separate transmission licence as prayed for and considering the submission made by the representative of the Petitioner, the Commission directed that the publication of public notice inviting the suggestions/objections to the grant of a transmission licence to the Petitioner company under Section 15(5)(a) of the Electricity Act, 2003 be issued. Accordingly, a public notice under Sub-section (5) of Section 15 of the Act was published in all editions of the Times of India (English) and Hindustan (Hindi). No suggestions/objections have been received from members of the public in response to the public notice.

9. In response to a specific query of the Commission regarding the purpose of the present implementation of the 3 nos. of 400kV bays at Ananthpuram PS when the 12 nos. of 220kV line bays are already there at Ananthpuram PS, the representative of the Respondent, CTUIL submitted that presently, Ananthapuram 400/220kV PS is under implementation by PGCIL through TBCB route and connectivity of about 1055 MW at 220kV and 2710 MW at 400kV have been granted at Ananthapuram to the various RE generation projects. The representative of CTUIL further submitted that the present Petition had been filed for the grant of a separate transmission licence for the upgradation of the Ananthpuram PS bays by the implementation of the 3 nos. of 400 kV line bays.

10. Vide Record of Proceedings for the hearing dated 25.7.2024, the CTUIL was directed to submit the following information:

a) The information called for by the Commission vide Order dated 11.7.2024 in Petition No.172/TL/2024.

b) The details of the connectivity granted/ under consideration at 220kV bays at Ananthapuram sub-station, if any, along with the start date of the connectivity.

c) The RE potential capacity for which the Anantapur 400/220 kV pooling station has been planned and is being implemented. With the grant of connectivity of about 2800 MW at 400 kV level, would the 12 nos. of 220 kV bays along with 3500 MVA ICTs be utilized on commissioning of the transmission scheme? In case of non-utilization, what are the mitigation measures for utilization and recovery of the transmission charges?

Hearing dated: 13.8.2024

11. During the course of the hearing, the representative of the CTUIL sought permission to comply with the directions issued by the Commission as outlined in the Record of Proceedings dated 25.7.2024. Consequently, the CTUIL was permitted to file the additional information/details in terms of the Record of Proceedings for the hearing dated 25.7.2024.

Additional Affidavit by Respondent No. 1, CTUIL

12. The Respondent No. 1, CTUIL, in compliance with the Record of Proceedings dated 25.7.2024 and 13.8.2024, vide its affidavit dated 19.8.2024, has mainly submitted as under:

I. In-principle connectivity and needs for any alignment with the start date of connectivity of M/s ABC CT RE Park (03) Pvt. Ltd.

(a) The Connectivity application of M/s ABC Cleantech Pvt. Ltd. (250 MW) was deliberated & agreed upon in the 25th CMETS-SR held on 28.11.2023 along with

Connectivity applications of M/s ABC CT RE Park (01) Pvt. Ltd. (250 MW), M/s ABC CT RE Park (02) Pvt. Ltd. (250 MW) and M/s ABC CT RE Park (03) Pvt. Ltd. (250 MW).

(b) As agreed during the meeting on request of the applicant, the connectivity was granted at 400kV level to M/s ABC Cleantech Pvt. Ltd. for 250 MW at Ananthapuram PS through 400kV S/C dedicated transmission line with allocation of 1 no. of 400kV bay for with start date of connectivity as 31.3.2026. Further, M/s ABC CT RE Park (01) Pvt. Ltd., M/s ABC CT RE Park (02) Pvt. Ltd. and M/s ABC CT RE Park (03) Pvt. Limited were also granted connectivity for the 250 MW each through sharing of the dedicated transmission infrastructure of M/s ABC Cleantech Pvt. Ltd.

(c) On request of the applicant, the implementation of a 400kV line bay at Ananthapuram PS has been considered under ISTS. In general, during the issuing of an in-principle grant of the connectivity, a tentative start date of the connectivity is provided wherever the identified transmission scheme for the connectivity is under approval/bidding/award. However, the firm start date of the connectivity will be communicated in the final grant of the connectivity.

(d) Accordingly, in this case, also, the firm start date of the connectivity shall be aligned with the SCoD of the terminal line bay (31.3.2026) in the final intimation for the grant of the connectivity.

II. The details of the Connectivity granted/under consideration at 220kV bays at Ananthapuram PS is as under:

S. No.	Name of Applicant	Connectivity granted/agreed @220kV	Connectivity granted/agreed @400kV	Start date of Connectivity as per in-principle grant
1	Project Nine Renewable Power	295	-	27.9.2025

	Pvt. Ltd.			
2	Ayana Renewable Power Four Pvt. Ltd.	50	-	28.9.2025
3	Renew Vikram Shakti Pvt. Ltd.	-	1710	31.3.2026
4	Acme Cleantech Solutions Pvt. Ltd.	400	-	31.5.2026
5	Seven Renewable Power Pvt. Ltd.160	150	-	28.9.2025
6	Renew Vikram Shakti Pvt. Ltd.	160	-	29.2.2028
7	ABC Cleantech Pvt. Ltd.	-	250	31.3.2026
8	ABC CT RE Park (03) Pvt. Ltd.	-	250	28.9.2025
9	ABC CT RE Park (02) Pvt. Ltd.	-	250	30.6.2026
10	ABC CT RE Park (01) Pvt. Ltd.	-	250	30.6.2026
11	Renew Vikram Shakti Pvt. Ltd.	140	-	29.2.2028
12	Amplus Cenedus Solar Pvt. Ltd.	350	-	31.12.2026 (Tentative)
		1545	2710	

The final grant of connectivity could not be issued at Ananthapuram PS due to the non-availability of allocation of bays and SLD by the TSP. Further, the firm start date of the connectivity shall be intimated in the final grant of the connectivity.

III. The RE potential capacity for which the Anantapur 400/220 kV pooling station has been planned and is being implemented. With the grant of connectivity of about 2800 MW at 400 kV level, would the 12 nos. of 220 kV bays along with 3500 MVA ICTs be utilized on commissioning of the transmission scheme? In case of non-utilization, what are the mitigation measures for utilization and recovery of the transmission charges?"

(a) The Ananthapuram PS has been awarded the establishment of the 7 nos. of 500 MVA, 400/220kV ICTs, 12 nos. of 220kV line bays, and two nos. of 400KV D/c lines to Cuddapah & Kurnool on RE potential basis declared by the MNER/SECI and the same has been awarded before receipt of any connectivity application. However, in due course, CTUIL has received a number of connectivity applications at 220kV & 400kV levels. The connectivity applications of about 1545 MW have been granted/agreed at 220kV level, and about 2710 MW have been granted/agreed at 400kV level.

(b) For the grant of connectivity for 1545 MW at 220kV level, 5 nos. of 500 MVA,

400/220kV ICTs are required considering N-1 contingency criteria. Further, 5 nos. of 220kV line bays have been allocated to various RE developers. The matter pertaining to the underutilization of balance ICTS and 220kV bays due to the receipt of a large application at 400 kV level has been informed to NCT. CTUIL is under discussion with TSP for suitable modification in the switchyard design for utilization of the balance ICTs & 220kV bays.

Hearing dated: 20.8.2024

13. During the course of the hearing, the representative of the Respondent, CTUIL, submitted that with respect to the issue of underutilization of the 220 kV bays, CTUIL has already raised the matter with the NCT. In addition, the learned counsel for the Respondent, TANGEDCO, sought liberty to file a reply in the matter if required.

14. Based on the request of the learned counsel for the Respondent, TANGEDCO, the Commission permitted it to file its reply. However, no reply has been filed by the Respondent, TANGEDCO, despite being given the opportunity.

15. We have noted the above submissions of the CTUIL and proceed to consider the application of the Petitioner for the grant of the transmission licence.

16. 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 longterm 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."

17. In our order dated 11.7.2024, we had proposed to grant a transmission licence to the Petitioner company and directed for the issuance of public notice. In response to the public notice, no suggestions/ objections have been received. CTUIL, vide its letter 19.4.2024, has recommended the grant of a transmission licence to the Petitioner company. The Commission, in its order dated 11.7.2024, had observed that the Petitioner does not fulfill the eligibility conditions for the grant of a transmission licence. Since, in the present case, the Petitioner is a transmission licensee that has already implemented the project defined under its scope through the TBCB mechanism, and the present Petition is consequent to the office order 28.10.2021 notified by the Ministry of Power Government of India, the Commission, vide said order dated 11.7.2024 relaxed the provision of Regulation 6 of the Transmission Licence Regulations and held that the Petitioner is eligible for the grant of a transmission licence. Considering the submissions of the Petitioner and CTUIL, we direct that the transmission licence be granted to the Petitioner, POWERGRID Ananthpuram Kurnool Transmission Limited, to establish the transmission scheme through the RTM route as per the details given in paragraph 1 above.

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

(a) The transmission licence shall, unless revoked earlier, remain in force for a period

of 25 years from the date of issue;

(b) The transmission licensee shall comply with the provisions of the Transmission Licence Regulations or any subsequent enactment thereof during the period of subsistence of the licence;

(c) The licensee may make an application, two years before the expiry of the initial licence period, for the grant of the transmission licence for another term in accordance with Regulation 13 (2) of the Transmission Licence Regulations, which shall be considered by the Commission in accordance with law;

(d)The licensee shall not enter into any contract for or otherwise engage in the business of trading in electricity during the period of subsistence of the transmission licence;

(e)The licensee shall have the liability to pay the license fee in accordance with the provisions of the Central Electricity Regulatory Commission (Payment of Fees) Regulations, 2012, as amended from time to time or any subsequent enactment thereof. Delay in payment or non-payment of licence fee or a part thereof for a period exceeding sixty days shall be construed as a breach of the terms and conditions of the licence;

(f) The licensee shall comply with the directions of the National Load Despatch Centre under Section 26 of the Act, or the Regional Load Despatch Centre under sub-section (3) of Section 28 or sub-section (1) of Section 29 of the Act, as may be issued from time to time for maintaining the availability of the transmission system;

(g)The licensee shall remain bound by the provisions of the Central Electricity

Regulatory Commission (Standard of Performance of inter-State transmission licensees) Regulations, 2012 or subsequent enactment thereof;

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

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

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

(k) The licensee shall remain bound by the provisions of the Act, the Rules and Regulations framed thereunder, in particular, the Transmission Licence Regulations, the Grid Code, the Standards specified by the Central Electricity Authority, orders,

and directions of the Commission issued from time to time;

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

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

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

21. Petition No. 172/TL/2024 is allowed in terms of the above.

Sd/-	**Sd/-**	**Sd/-**
(Harish Dudani)	**(Ramesh Babu.V)**	**(Jishnu Barua)**
Member	**Member**	**Chairperson**

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सेंट्रल ट्रांसमिशन 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/00/17th CCTP

22nd March 2024

OFFICE MEMORANDUM

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

The undersigned is directed to inform that CTU has approved the implementation of the following ISTS costing less than or equal to Rs.100 Cr. in line with the MoP office order dated 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 Kankroli (PG) S/s in Rajasthan by 400/220kV, 1x500 MVA ICT (4th)	Power Grid Corporation of India Ltd.
2.	Replacement of 400/220kV, 315 MVA ICT-3 with 400/220kV, 500 MVA ICT at 400/220/66 kV Bawana (DTL) substation	Power Grid Corporation of India Ltd.
3.	Augmentation of Transformation Capacity at 400/220kV New Wanpoh (PG) S/s in Jammu & Kashmir by 400/220kV, 1x315 (3x105MVA) MVA ICT (3rd)	Power Grid Corporation of India Ltd.
4.	Implementation of 1 no. of 220 kV line bay at 400/220 kV Fatehgarh-III PS (Sec-1) for interconnection of BESS of JSW Renew Energy Five Ltd.	POWERGRID Ramgarh Transmission Ltd. (a subsidiary of Power Grid Corporation of India Ltd.)
Western Region		
5.	Augmentation of Transformation Capacity at 400/220 kV Boisar substation in Maharashtra by 400/220 kV, 1x500 MVA (5th) ICT	Power Grid Corporation of India Ltd.
Southern Region		
6.	Augmentation of transformation capacity at 400/230kV Tuticorin-II GIS PS in Tamil Nadu by 500 MVA, 400/230kV ICT (6th) to meet N-1 reliability of RE Pooling Station	Power Grid Corporation of India Ltd.
7.	Augmentation of transformation capacity at 400/220kV NP Kunta PS in Andhra Pradesh by 1x500 MVA, 400/220kV ICT (5th) and implementation of common facility works for providing connectivity to RE generation projects	Power Grid Corporation of India Ltd.
8.	Implementation of 3 nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects	Ananthapuram Kurnool Transmission Ltd. (a subsidiary of Power Grid Corporation of India Ltd.)

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

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

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

This issues with the approval of Competent Authority.

(Partha Sarathi Das)
Sr. General Manager

Encl: as stated.

To:

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

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. **Director (Operations)** Delhi Transco Ltd. Shakti Sadan, Kotla Road, New Delhi-110 002 dir.opr@dtl.gov.in; pramod@dtl.gov.in;;	For kind information, please.
2. **Chief Engineer** JKPTCL, Kashmir PDD Complex, Bemina Srinagar-190010 jkptcl-mdjkptcl1@gmail.com; Sesandocr1jmu@gmail.com	For kind information, please.
3. **Director (Technical)** Rajasthan Rajya Vidyut Prasaran Nigam Ltd., Vidyut Bhawan, Jaipur, Rajasthan-302005. rvpnl-dir.tech@rvpn.co.in; xen2.pp@rvpn.co.in; se.pp@ rvpn.co.in;	For kind information, please.
4. **Managing Director** Assam Electricity Grid Corporation Limited Bijulee Bhawan, Paltan Bazar Guwahati (Assam) – 781001 managing.director@aegcl.co.in	With a request to take up implementation of AEGCL scope in matching time-frame of North Eastern Region Expansion Scheme-XXIV (NERES-XXIV).

Northern Region

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

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Augmentation of Transformation Capacity at 400/220kV Kankroli (PG) S/s in Rajasthan by 400/220kV 1x500MVA ICT(4th) along with associated 220 kV transformer bay* **incl. extension of 220 kV side of ICT through 220 kV Cable/GIB*	• 500 MVA, 400/220 kV ICT- 1 no. • 220 kV ICT bay – 1 no. • 220kV GIS Bus duct – 850m approx.	18 months from date of issuance of OM by CTUIL
2.	Shifting of existing 50 MVAr Bus reactor [so as to accommodate 4th ICT] and development of 400kV bay for reactor.	• 400kV bay for existing 50MVAr Bus Reactor – 1 no.	
		Total Estimated Cost:	**₹ 59.55 Crore**

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

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Replacement of 400/220kV, 315 MVA ICT-3 with 400/220kV, 500 MVA ICT at 400/220/66 kV Bawana (DTL) substation	500 MVA, 400/220 kV ICT - 1 no.	18 months from the date of issuance of OM by CTUIL
		Total Estimated Cost:	**₹ 40.6 Crore**

Note:

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

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

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

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

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

Note:

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

Western Region

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

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

Southern Region

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

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Augmentation of transformation capacity at 400/230kV Tuticorin-II GIS PS in Tamil Nadu by 500 MVA, 400/230kV ICT (6th)	• 500 MVA, 400/230 kV ICT – 1 No. • 400kV ICT bays (GIS): 1 No. for ICT bay (in new dia. with 1 no. additional bay for diameter completion) *(refer note a)* • 230kV ICT bay (Hybrid MTS) – 1 No. • 400 kV GIS duct (m) – 280m approx.	21 months from the date of issuance of OM by CTUIL
		Total Estimated Cost:	**₹ 79 Crore**

Note:

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

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

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Augmentation of transformation capacity at 400/220kV NP Kunta PS by 1x500 MVA, 400/220kV ICT (5th)	• 500 MVA, 400/220 kV ICT – 1 No. • 400kV ICT bay- 1 No. • 220kV ICT bay- 1 No.	18 months from the date of issuance of OM by CTUIL
2.	Implementation of common facility works at NP Kunta for providing connectivity to RE generation projects	• 220kV bus works for 6 nos. bays – 1 set	12 months from the date of issuance of OM by CTUIL
		Total Estimated Cost:	**₹ 52.24 Crore**

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

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

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

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

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

North-Eastern Region

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

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

Note:

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

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POWERGRID Ananthpuram Kurnool Transmission Limited

Formerly known as Ananthpuram Kurnool Transmission Limited
(A wholly owned subsidiary of Power Grid Corporation of India Limited)

CERTIFIED TRUE COPY OF THE RESOLUTION PASSED AT THE 26th MEETING OF BOARD OF DIRECTORS OF POWERGRID ANANTHPURAM KURNOOL TRANSMISSION LIMITED HELD ON TUESDAY, 5H DAY OF NOVEMBER, 2024, AT 2:00 P.M. AT POWERGRID'S CORPORATE OFFICE: 'SAUDAMINI" PLOT NO.2, SECTOR-29, GURGAON, HARYANA-122001 THROUGH VIDEO CONFERENCING.

Item No. 26.2.1.:

Investment Approval for "Implementation of 3 nos of 400kV line bays at Ananthpuram PS for integration of RE generation" by PAKTL under RTM mode:

x x x x

After deliberations, the Board approved the proposal and passed the following resolution:

"RESOLVED THAT proposal for "Implementation of 3nos of 400kV line bays at Ananthpuram PS for integration of RE generation projects" at an estimated cost of ₹29.86 Crore including IDC of ₹1.54 Crore based on June, 2024 price level, with commissioning schedule of 31st March, 2026, be and is hereby approved, as per the memorandum submitted before the Board of Directors.

RESOLVED FURTHER THAT approval of the Board be and is hereby accorded under section 188 of the Companies Act, 2013 and other applicable provisions, if any of Companies Act, 2013, for borrowing up to ₹20.90 Crore through entering one or more Inter corporate Loan Agreement with POWERGRID.

RESOLVED FURTHER THAT approval of the Board be and is hereby accorded under applicable provisions of the Companies Act, 2013 for infusion of equity up to ₹8.96 Crore by POWERGRID.

RESOLVED FURTHER THAT approval of the Board be and is hereby accorded under section 188 of the Companies Act, 2013 and other applicable provisions, if any of Companies Act, 2013, for consultancy fees of 5% of the actual Project Cost (excl. IDC and IEDC) plus GST payable to POWERGRID for rendering their services for completion of the scope works mentioned in the background note.

RESOLVED FURTHER THAT for the purpose of giving effect to the above resolutions, Directors, Project In-charge or Finance In-charge of the Company be and are hereby severally authorized to execute the agreements, to do all such acts, deeds and things as may be necessary, proper, expedient or incidental for the purpose of giving effect to the aforesaid resolution."

******

Certified to be True Copy
For POWERGRID Ananthpuram Kurnool Transmission Limited

BIPIN BIHARI RATH

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Date: 2026.09.04 17:41:22 +05'30'

Satyaprakash Dash
Company Secretary - POWERGRID
(Authorised Signatory)

Registered Office
B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110016
Tel: 011-26560112, Email ID: companysecretary@powergrid.in
CIN: U40106DL2020GOI363683

डेटा वर्गीकरण : प्रतिबंधित/RESTRICTED

DETAILED PROJECT REPORT FOR IMPLEMENTATION OF 3 NOS. OF 400KV LINE BAYS AT ANANTHAPURAM PS FOR INTEGRATION OF RE GENERATION PROJECTS [TB-202130]

1.0 CONTEXT / BACKGROUND

Ananthapuram Kurnool Transmission Limited (AKTL), a 100% wholly owned subsidiary of POWERGRID was incorporated for the development of transmission system associated with "Transmission scheme for Solar Energy Zone in Ananthapuram (Ananthapur) (2500 MW) and Kurnool (1000 MW), Andhra Pradesh" under Tariff based competitive bidding (TBCB) which inter-alia includes Establishment of Ananthapuram Pooling Station.

In the 23rd meeting of Consultation Meeting for Evolving Transmission Schemes in Southern Region (CMETS-SR) held on 29.09.2023 and 25th CMETS-SR held on 28.11.2023 (Minutes attached as **Annexure-8.0**), it was agreed to grant connectivity to M/s Renew Vikram Shakti Private Limited (02 nos. of 400 kV line bays) and M/s ABC Cleantech Pvt. Ltd. (01 no. of 400 kV line bay) respectively at 400 kV level of Ananthapuram PS.

In view of the above, **"Implementation of 3 nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects"** scheme was agreed to be implemented under ISTS and CTUIL vide their OM dated 22.03.2024 allocated the same under Regulatory Tariff Mechanism (RTM) with AKTL as the implementing agency.

Accordingly, it is proposed that AKTL shall implement the subject scheme through POWERGRID under consultancy. As mentioned in the OM, CTUIL is to enter into a concession agreement with the implementing agency (AKTL) for the implementation of this scheme.

The proposal for Related Party Transaction between POWERGRID and AKTL for carrying out additional scope of work shall be put up to the AKTL Board.

2.0 SCOPE OF WORK

The present project report covers the following scope of work:

Substation:

1. 2 nos. of 400kV line bays at Ananthapuaram PS for Connectivity to M/s Renew Vikram Shakti Pvt. Ltd.

• 400kV line bays – 2 Nos.

2. 1 no. of 400kV line bays at Ananthapuaram PS for Connectivity to M/s ABC Cleantech Pvt. Ltd.

• 400kV line bay – 1 No.

3.0 PROJECT HIGHLIGHTS

a)	Project	Implementation of 3 nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects.
b)	Location of the Project	Southern Region
c)	Project Cost	**Rs. 31.83 Crores** at December 2023 Price Level (including IDC of **Rs. 1.83 Crores**) including consultancy charges#
d)	Monthly Fixed Charges	**Rs. 56.51 Lakhs** on Base Cost **Rs. 57.09 Lakhs** on Projected Completed Cost
e)	Commissioning schedule	The project is scheduled to be commissioned by 31.03.2026.

Note#: Consultancy charges and GST thereon is included under IEDC of project cost.

4.0 PROJECT APPROVAL BY CONSTITUENTS / SHARING OF TRANSMISISION CHARGES

4.1. The subject scope of works was discussed and agreed for implementation under ISTS through RTM in the 23rd and 25th CMETS-SR held on 29.09.2023 ans 28.11.2023 respectively (minutes attached as **Annexure-8.0**). Subsequently, CTUIL vide their OM dated 22.03.2024 (attached as **Annexure-9.0**), has allocated the subject project under RTM to with AKTL as the implementing agency. As mentioned in the OM, CTUIL has to enter into a concession agreement with the implementing agency (ATL) for the implementation of this scheme.

4.2. Since, the subject scheme does not involve any overhead line, prior approval of Government of India under Section 68(1) of Electricity Act, 2003 is not required.

SHARING OF TRANSMISSION CHARGES

The transmission charges for this project shall be shared by the beneficiaries in line with the Sharing Regulations notified by CERC from time to time.

5.0 PROJECT STRATEGY

The various elements of this transmission scheme have been evolved by CTU and other stakeholders. The implementation of the scheme has been assigned to AKTL under RTM by CTUIL vide office memorandum dated 22.03.2024. AKTL shall implement the subject project through POWERGRID under consultancy.

6.0 LEGAL FRAMEWORK

It is proposed to execute the above entire transmission scheme as per provisions contained in the Indian Electricity Act, 2003 and the rules made there-under and the Electricity (Supply) Act, 1910 and 1948, in so far as these are applicable.

7.0 EQUIPMENT SELECTION PHILOSOPHY

The system and equipment parameters are chosen keeping in view the present trend in technology. The bus bar materials and the clamps and connectors are chosen meeting the stringent international requirements so that there is least loss of energy in them. Other switchgears are also suitably selected and evaluated before award itself for most efficient operation from thermal and loss efficiency point of view. The energy thus saved is energy transmitted to the beneficiaries. This is a major step in energy conservation as the energy saved on account of losses is construed as energy generated.

8.0 TECHNOLOGY ISSUES

8.1 Salient features of 400/220 kV Substation Equipment and facilities

The design and specification of substation equipment are to be governed by the following factors:

8.1.1 Insulation Coordination

400 kV System would be designed to limit the switching overvoltage to 2.5 pu and power frequency overvoltage of 1.5 p.u. In the case of a 420kV system, the initial value of temporary overvoltage could be 2 p.u for 1-2 cycles. Consistent with these values and protective levels provided by lightning arrestors, the following insulation levels are proposed to be adopted for 400 kV system:

	Property	**400 kV**
a	Impulse withstand voltage for - Transformer and reactors - for Other Equipment	 1300 kVP 1550 kVP
b	Switching surge withstand voltage	1050kVP
c	Minimum creepage distance	10500 mm
d	Max. fault current	63 kA
e	Duration of fault	1 Sec
f	Corona extinction voltage	320kV rms

To control the steady state, transient and dynamic overvoltage to specified levels, compensation equipment shall be provided.

8.1.2 Steady State Stability

Steady State Stability is the ability of a system to return/remain in the state of equilibrium when subjected to small or gradual changes of disturbances. The steady state stability limit is the maximum power that can flow through some lines in the system when the entire or part of the system to which the stability limit refers is subjected to a small disturbance without loss of its stability.

The steady state stability is usually quantified by measuring the relative angular displacement (also called swing curve) between the two buses (nodes) in a network when a small disturbance is applied somewhere into the system.

In an integrated power system consisting of large number of generators, load and line etc., a maximum relative angular separation of about 30 deg. between the two buses may be assumed to be acceptable (safest) limit for maintaining the steady state stability of the system.

8.1.3 Switching Schemes

It is essential that the system should remain secure even under conditions of major equipment or bus-bar failure. Sub-stations being the main connection points have a large influence on the security of the system as a whole. The selection of the bus switching scheme is governed by the various technical and other related factors. One & Half breaker bus scheme has been considered for 400 kV side due to their merits in terms of reliability, security, operational flexibility, and ease of maintenance of equipment.

The following switching schemes have been considered in substation:

Substation	400kV side
400/220kV Ananthapuram Pooling Station	One & half breaker

8.1.4 400/220 kV Substation equipment:

The switchgear shall be designed and specified to withstand operating conditions and duty requirements. Further, switchgear for all voltage levels shall be generally of conventional type air insulated switchgear due to economy, subject to availability of suitable land.

8.1.4.1 Circuit Breakers

Circuit breakers shall in general comply to IEC 62271-100 & IEC-60694 and shall be of SF6 Type. The rated break time shall not exceed 60ms for 220 kV and 40 ms for 400 kV circuit breakers. Circuit breakers shall be provided with single phase and three phase auto reclosing. The short line fault capacity shall be same as the rated capacity and this is proposed to be achieved without use of opening resistors.

8.1.4.2 Isolators

The isolators shall comply to IEC 62271-102 in general. Isolators shall be horizontal/ double/ vertical break/ pantograph type keeping in view the bus switching schemes proposed. Isolators shall be motor operated. Earth switches are provided at various locations to facilitate maintenance. Main blades and earth blades shall be interlocked and interlock shall be fail safe type. All earth switches shall be motor operated type.

8.1.4.3 Current Transformers

Current Transformers shall comply with IEC 60044-1 in general. All ratios shall be obtained by secondary taps. They shall have six secondaries for 400 kV out of which four shall be used for protection and 2 shall be used for metering. For 220 kV system, it shall have 5 secondaries out of which four shall be used for protection and 1 shall be used for metering. The burden and knee point voltage shall be in accordance with the requirements of the system including possible feeds for telemetry. Accuracy class for protection core shall be PX and for metering core shall be 0.2S as per IEC 61869.

8.1.4.4 Capacitor Voltage Transformers

Voltage transformers shall comply with IEC 60044-5 in general. These shall have three secondaries out of which two shall be used for protection and one for metering. Accuracy class for protection core shall be 3 P and for metering core shall be 0.2. The voltage transformers on lines shall be suitable for Carrier Coupling. The Capacitance of CVT shall be 4400/6600/8800 pF depending on PLCC requirements.

8.1.4.5 Surge Arresters

Station class current limiting, heavy duty gapless type Surge arresters conforming to IEC 60099-4 in general shall be provided. The rated voltage of Surge arrester and other characteristics are chosen in accordance with system requirements. Surge arresters shall be provided near line entrances so as to achieve proper insulation coordination. These shall be fitted with pressure relief devices and diverting ports suitable for preventing shattering of insulator housing providing path for the flow of rated currents in the event of arrestors failure.

The switchgear shall be designed and specified to withstand operating conditions and duty requirements.

8.1.5 Substation Support facilities

Certain facilities required for operation & maintenance of substations as described below shall be provided in new substation and in existing substations, they have already been provided and would be extended, wherever required.

8.1.5.1 Firefighting System

Firefighting system in general conforms to fire insurance regulations of India. Extension of the existing firefighting system with both AC motor & diesel engine driven pumps is

proposed. Automatic heat actuated emulsifying system is proposed for transformers. In addition, alarm system based on heat/smoke detectors are proposed to be installed at sensitive points in a substation. Further, adequate water hydrants and portable fire extinguishers shall be provided in the substations.

8.1.5.2 Lighting

Adequate normal & emergency AC & DC lighting shall be provided in the outdoor switchyard.

8.1.5.3 Telemetry and Communication

The communication network under the proposed project shall have the following aspects in order to meet the high reliability, availability and maintainability criteria:

i. The proposed FO based communication links/network shall be used for speech and data communication to SLDC and/or RLDC. The capacity planned has scope for future usages including for Special protection schemes.

ii. The Fiber Optic (FO) terminal equipment to be installed under the project shall be based upon SDH technology with STM-4 and STM-16 bitrate having support for both existing PDH & Ethernet based requirement. The interfaces shall be selected meeting the present requirement for grid management etc. The SDH equipment shall be provided with redundancy to facilitate path protection and against failure of any interface card/power supply.

iii. Suitable interface cards shall be provided for data transmission and interfacing with data equipment such as PMU*. SPS, RTU and/or sub-station automation system.

**The PMUs provide real time phase angle measurement which is utilized for better Visualization & help to increase the situational awareness of Power System Operators to facilitate real-time congestion management, design of an advanced warning system, validation of data, fine tuning of system models and design of an adaptive protection system*

8.1.6 Protection & Control

The substation shall be provided with control, relaying & monitoring functions along with extension of existing substation automation system based on IEC 61850 protocol using fiber optic network.

The state of art protection system based on numerical technology has been provided to minimize the damage to equipment in the event of fault for Transformers, Reactors, Transmission lines and Bus bars. These protective relays are with self-diagnostic features and conforming to latest IEC 61850 for communication purposes for communicating the detailed list of events recoded by these relays in the event of fault or any abnormal conditions. Normally all these relays are equipped with an in-built fault recorder which can record the analogue as well as digital information for analysis of fault.

Transmission Lines

400/220 kV lines shall have MAIN-I protection and shall also have numerical distance protection scheme carrier as three zone distance type with carrier aided inter-tripping feature. All lines shall also have MAIN-II protection which shall have numerical distance protection scheme like Main-I but from different make that of MAIN-I.

They shall also be provided with two stages over-voltage protection. Further, all lines shall be provided with a single and three phase auto-reclosing facility to allow reclosing of circuit breakers in case of transient faults.

These lines shall also be provided with distance to fault locators to identify the location of fault on transmission lines.

Augmentation of Bus bar Protection

The high-speed bus bar differential protection which is essential to minimize the damage and maintain system stability at the time of bus bar faults shall be provided for 400/220 kV buses. Existing Bus Bar Protection System is to be augmented under present Scope.

Local Breaker Back up Protection

This shall be provided for each of 400 kV breakers and will be connected to de-energize the affected stuck breaker from both sides.

Substation Automation System

The distributed architecture has been used for Substation Automation system where the controls are provided through bay control unit and bay control units are provided bay wise for voltage level 400kV and above. All bay control units as well as protection units are normally connected through an optical fiber high speed network. The control and monitoring of substation elements such as circuit breakers, disconnector, resetting of relays etc. are being done from Human Machine Interface (HMI) from the control room. SAS is equipped with the facility of remote operation. By providing remote HMI and suitable communication link, the substation can be controlled from a remote location. The functions of control, annunciation, disturbance recording, event logging and measurement of electrical parameters shall be integrated in the Substation Automation System. The Automation System shall be provided with the facility of communication and control for remote end operation.

For all the extension substations, the state of art Substation Automation System (SAS) available in existing substation conforming to IEC-61850 has been extended/augmented for present scope of work.

8.1.7 PLCC

Power line carrier communication (PLCC) equipment complete for speech transmission, line protections, and data channels shall be provided on each 765 KV transmission line. The protections for transmission line and the line compensating equipment shall have

hundred percent back up communication channels. The PLCC equipment shall in brief include the following:

Coupling device, line traps, digital/analog carrier terminals, protection couplers, HF cables, trunk selectors, automatic exchange, and maintenance and testing instruments.

Coupling devices shall be suitable for 4400/6600/8800 pF for 420 kV CVTs for phase-to-phase coupling. The pass band of coupling devices shall have sufficient margin for adding communication channel in future if required. Necessary protection devices for the safety of personnel and low voltage part against power frequency voltages and transient over voltage shall also be provided. The line traps shall be broadband tuned suitable for blocking the complete range of carrier frequencies.

Line Trap shall have the necessary protective devices such as lightning arresters for the protection of tuning device and shall be equipped with corona rings. Decoupling network consisting of line traps and coupling capacitors may also be required at certain substation in case of extreme frequency congestion.

8.1.8 Control Concept

All the EHV breakers in substation/switching stations shall be controlled and synchronized from the switchyard control room / remote control center. Each breaker would have two sets of trip circuits which would be connected to separately fused DC supplies for greater reliability. All the isolators shall have control from remote/local whereas the earth switches shall have local control only.

9.0 MEANS OF FINANCE AND PROJECT BUDGET

9.1 Project Cost Estimate

The estimated cost of the project based on **December 2023 price level** is as follows:

(₹ in crores)

		Total cost
1.	Transmission System	30.01
2.	Interest during Construction	1.83
	TOTAL	**31.83**

Different annexures for DPR cost estimate calculation are detailed below.

The abstract cost estimates for substation portion are given at **Annexure - 1.0**. The break-up of the cost estimate for civil works and substations are given at **Annexures - 1.1** and **1.2** respectively.

9.2 Basis of Cost Estimate

The estimated cost of the project as on **December 2023 price level** works out to **Rs. 31.83 crores** including an IDC of **Rs. 1.83 crores**.

Unit rates for most of the 400 kV substation works have been taken from POWERGRID Schedule of Rates (which has been prepared based on the average of unit rates of latest LOAs/Bids prices) for Dec 2023 price level. Unit rates of a few items for which prices were unavailable in SOR have been taken from recently awarded packages, Engg. estimate and budgetary offers from M/s GE sought for URTDSM-II scheme.

The multiplication factor of 1.0107 has been considered as the substation works involves AIS extension scope.

The cost estimate is inclusive of GST as applicable for various equipment (supply & services portion). F&I @ 4% has been considered in the estimate for plain terrain.

9.3 Project Overheads

The following overheads have been charged on to the cost of the transmission system as a percentage of the equipment cost:

	For Substations
i) Incidental Expenditure during Construction	10.75%
ii) Contingencies	3.00%

9.4 Consultancy Charges

Consultancy charges for POWERGRID to undertake all the activities for implementation of the subject scope under RTM and GST thereon on the consultancy charges is considered as a part of the IEDC head in project cost overheads.

9.4 Funding arrangement

9.4.1 Phased Fund Requirement

The anticipated year wise fund requirement for the project including interest during construction is given below:

YEAR	TOTAL (Rs in Crores)
2024 – 2025	12.37
2025 – 2026	16.46
2026 – 2027	3.00
Total	**31.83**

9.4.2 Mode of Financing

The project is proposed to be funded through AKTL's Internal Resources (IR) and through domestic borrowings/bonds/External Commercial borrowings. The equity component

(30%) is proposed to be met through Internal Resources (IR) and the loan component **(70%)** through domestic borrowings/bonds/External Commercial borrowings.

9.5 Interest during Construction

Based on the assumption that the project will be financed from loan and equity in the ratio of 70:30 and that of the equity component being released simultaneously along with the loan component, the interest during construction works out to **₹1.83 crores**. The interest rate for the loan amount has been considered **@ 10.65%** for domestic loan. The details of calculation are furnished in **Annexure - 4.0**.

The interest during construction would however be based on the actual financial structure of the project and applicable terms of interest on loan(s), etc.

9.6 Monthly Fixed Charges

Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 have been referred for calculation of monthly fixed charges. Considering:

i. Rate of interest on Domestic Loan @ 10.65% p.a.
ii. Return on equity @ 15.00%.
iii. Depreciation @ 0% for land, @ 4.22% for substations
iv. O&M charges: Rs.32.71 lakhs per 400 kV AIS bay**,** for communication system as 2.0% of the original project cost related to such communication system.
v. Debt:Equity ratio 70:30.
vi. Interest on working capital @ 11.90%.

The tentative monthly fixed charges work out as **Rs. 56.51 lakhs** on base cost and **Rs. 57.09 lakhs** on projected completed cost (**Annexure - 3.0 & 3.0a**).

9.7 Completion Cost

The completion cost of the project is expected to be **₹32.22 crores** including IDC of **Rs. 1.84 crores**.

The above cost has been worked out based on the average movement of WPI (80% weightage) and CPI (20% weightage) for the preceding 12-month period as per guidelines dated 06.08.1997. Details of calculation are enclosed at **Annexure - 5.0**. The abstract cost estimate for completed cost is enclosed at **Annexure - 1.0a**. The phased fund requirement and calculation for IDC for completed cost are enclosed at **Annexures - 2.0a** and **4.0a** respectively.

9.8 Internal Rate of Return (IRR)

The Project IRR, Equity IRR and Economic IRR on projected completed cost have been calculated for the project and the same is tabulated below:

	For Completed Cost
Project IRR	11.57%
Equity IRR	14.15%
Economic IRR	13.83%

The details of calculation are furnished in **Annexure - 7.0**.

10.0 TIME FRAME

The project is scheduled to be commissioned by **31.03.2026**. Implementation schedule is given at **Exhibit-3.0**.

11.0 RISK ANALYSIS

Revenue Risk

The capital cost of the transmission system comprises of i) an equity component and ii) a loan component. This is recovered through the annual transmission charges consisting of return required for the equity, an interest for the loan component together with the depreciation charges, the O & M charges and interest on working capital from the beneficiaries as per CERC Notifications. In addition to annual charges Income Tax, FERV and incentives, etc. as per notification would also be payable. Transmission charges payable have been worked out presently based CERC Tariff Regulations, 2019 and same shall be as per the applicable tariff regulations as issued by CERC from time to time during useful life of the assets.

Regulatory Risk

For the additional scope that is to be established under the Regulatory Tariff Mechanism, an application shall be filed for grant of separate transmission license for the additional scope of work under RTM by AKTL

Environmental Risk

Transmission system projects are environmentally friendly and do not involve any disposal of solid effluents and hazardous substances in land, air and water.

Legal / Contractual Risks

The procurement practices of POWERGRID are in line with best practices followed internationally. Further, requisite due diligence is carried out prior to award of contracts which inter-alia includes assessment of capacity and capability of bidders to perform the contract, thereby mitigating contractual risks. In the unlikely event of such risks, adequate provisions such as Dispute Resolution, Risk & Cost procurement, etc. are in built in the Bidding/Contract Document to deal with the same.

The legal framework governing the contracts in India is well established and finally in place. As such, there is minimal probability of any legal risk.

Project Management Risks

POWERGRID holds vast experience in the area of construction of 400kV and 765 kV long Inter-state Transmission lines and associated substations. It has commissioned numerous 400 kV and 765 kV Transmission Lines and Substation projects successfully which are under operation.

POWERGRID has developed and implemented systems & procedures aligned with the Integrated Management System. The Critical projects are monitored even more closely. As such, with a dedicated and experienced pool of manpower and application of IMS in implementation of its projects, POWERGRID makes every endeavor to achieve the target making probability of impact of Project Management Risks to minimal.

12.0 SUSTAINABILITY

12.1 System Design Philosophy

The power evacuation system is designed in the most optimum manner such that losses in the system are minimal. The system and equipment parameters are chosen according to the present trends in technology, the conductors available are such that the losses in them due to internal resistance as well as due to external effects such as corona and RIV are bare minimum. The busbar materials and the clamps and connectors are chosen after meeting the stringent international requirements so that there is least loss of energy in them. The transformers, reactors and other switchgear are also similarly selected and evaluated before award itself for most efficient operation from thermal loss and efficiency.

12.2 System Operation Philosophy

The power flow in a particular line varies due to demand variation, failure of equipment, line faults, etc. For the system to be stable and to use optimized resources, it is very important to record the power flow at each and every time. This necessitates the monitoring of the operation of the system on a three-shift basis.

12.3 System Maintenance Philosophy

The maintenance management system in vogue in POWERGRID aims at keeping the system under stable conditions while ensuring minimum maintenance cost and safety of equipment and personnel. The maintenance management schedule detailed work specification covering all maintenance jobs permit to work system, long term maintenance planning meeting for about 30 minutes for finalizing maintenance schedule for next 24 hours and resolution of interface problems between departments. These meetings are supplemented by meeting of HODs for one hour on alternate days to accelerate the decision-making process and to lay down the priorities and guidelines for maintenance work during next 72 hours.

12.3.1 Spare parts Management System

The primary objective of spare part management system will be to ensure timely availability of proper spare parts for efficient maintenance of the substations and lines without excessive build-up on non-moving and slow-moving inventory. The spare parts management system for this project will cover the following areas:

a) Proper codification of all spares and consumables
b) Spare parts indenting and procurement policy
c) Ordering of critical mandatory and recommended spares
d) Judicious fixation of inventory levels and ordering levels for spare parts based on our experience in other projects.
e) Development of more than one source wherever practicable.

12.3.2 Training of personnel

The expertise available with the country is adequate to cover maintenance of Transmission Line and sub-station EHV equipment, etc. Also, available technical expertise within POWERGRID is adequate to cover operation and maintenance requirements of equipment. Hence, training in these areas can be arranged by POWERGRID's training facility with the help of training officers, equipment suppliers and consultants, site commissioning personnel as well as POWERGRID's own specialists.

12.3.3 O&M Manuals

a) Adequate O & M manuals will be distributed to all concerned as per the policy of the company.
b) O & M manuals will be available to all concerned prior to commissioning of substations and transmission lines to avoid problems in preparation of commissioning documents as well as proper installation & commissioning of equipment.

SINGLE LINE DIAGRAM - 400KV ANANTHPURUM SUBSTATION



BIPIN BIHARI RATH

Digitally signed by BIPIN BIHARI RATH
Date: 2026.09.04 17:42:33 +05'30'

BILL OF QTY. FOR 400kV MAIN EQUIPMENTS: (FAULT LEVEL 63kA/Sec)

SL NO.	DESCRIPTION	UNIT	QUANTITY AS PER LOA	QUANTITY AS PER ACTUAL	SYMBOL	REMARKS
1	420kV, 3150A, CIRCUIT BREAKER(3-PH) WITHOUT CLOSING RESISTOR (With Support Structure)	EA	5	5		
2	CONTROLLED SWITCHING DEVICE FOR 420KV, 3-PH CIRCUIT BREAKER	EA	00	00	C	
3	420kV, 3000A,1-PH CURRENT TRANSFORMER WITH 120 % EXTENDED CURRENT RATING	EA	15	15		
4	420kV, 4400pF CAPACITIVE VOLTAGE TRANSFORMER(1-PH)	EA	09	09		
5	420kV, 3150A,ISOLATOR (3-PH) (DOUBLE BREAK) WITH 1 E/S	EA	15	15		
6	420kV, 3150A, ISOLATOR (3-PH) (DOUBLE BREAK) WITH 2 E/S	EA	00	00		
7	336kV SURGE ARRESTER (1-PH)	EA	09	09		
8	WAVE TRAP (3150A, 0.5 mH)	EA	06	06		

SYSTEM PARAMETERS:

S.No	DESCRIPTION OF PARAMETER		400KV SYSTEM
01	SYSTEM OPERATING VOLTAGE		400kV
02	MAX. OPERATING VOLTAGE OF THE SYSTEM (rms)		420kV
03	RATED FREQUENCY		50Hz
04	NO OF PHASE		3 PHASE
05	RATED INSULATION LEVELS		
	(i) FULL WAVE LIGHTNING IMPULSE WITHSTAND VOLTAGE (1.2 / 50micro sec.)		±1550kVp
	(ii) SWITCHING IMPULSE WITHSTAND VOLTAGE (250 / 2500micro sec.) DRY & WET		±1050kVp
	(iii) ONE MINUTE POWER FREQUENCY WITHSTAND VOLTAGE (rms)		±630kVp
	(iv) ONE MINUTE POWER FREQUENCY DRY & WET WITHSTAND VOLTAGE (rms)		-
06	CORONA EXTINCTION VOLTAGE		320kV
07	MAX. RADIO INTEREFERENCE VOLTAGE LEVEL		1000 micro volts at 266kV rms
08	MINIMUM CREEPAGE DISTANCE		10500 MM
09	RATED SHORT CIRCUIT CURRENT FOR 1 SEC. DURATION		63kA
10	SYSTEM NEUTRAL EARTHING		EFFECTIVELY EARTHED
11	MINIMUM CLEARANCE		
	i) PHASE TO PHASE		4000MM
	ii) PHASE TO EARTH		3500MM
	iii) SECTIONAL CLEARANCE		6500MM

420 kV CT (3000A) CORE DETAILS (TABLE - IIB):

CORE NO	APPLICATION	CURRENT RATIO	OUTPUT BURDEN(VA)	ACCURACY CLASS	MIN. KNEE POINT VOLT. (V)	MAX. CT S.W.R (ohm)	MAX. EXCITING CURRENT AT KPV (mA)
01	BUS DIFFERENTIAL CHECK	3000-2000-1000-500 /1A	-	PX	3000-2000-1000-500 /1A	15/ 10/5/ 2.5	20 on 3000/1 TAP 30 on 2000/1 TAP 60 on 1000/1 TAP 120 on 500/1 TAP
02	BUS DIFFERENTIAL MAIN	3000-2000-1000-500 /1A	-	PX	3000-2000-1000-500 /1A	15/ 10/5/ 2.5	20 on 3000/1 TAP 30 on 2000/1 TAP 60 on 1000/1 TAP 120 on 500/1 TAP
03	METERING	3000-2000-1000-500 /1A	20 20 20	0.2S	-	-	- - -
04	METERING	3000-2000-1000-500 /1A	20 20 20	0.2S	-	-	- - -
05	TRAFO. BACKUP / LINE PROTECTION	3000-2000-1000-500 /1A	-	PX	3000-2000-1000-500 /1A	15/ 10/5/ 2.5	20 on 3000/1 TAP 30 on 2000/1 TAP 60 on 1000/1 TAP 120 on 500/1 TAP
06	TRAFO. DIFF / LINE PROTECTION	3000-2000-1000-500 /1A	-	PX	3000-2000-1000-500 /1A	15/ 10/5/ 2.5	20 on 3000/1 TAP 30 on 2000/1 TAP 60 on 1000/1 TAP 120 on 500/1 TAP

NOTES:
1. PROTECTION CORES SHALL BE OF ACCURACY CLASS PX AS PER IEC 61869.
2. METERING CORE SHALL BE OF ACCURACY CLASS 0.2S AS PER IEC: 61869.
3. ALL OTHER CT PARAMETERS SHALL BE FINALISED AS PER FINAL CT APPROVED DRAWINGS.

420kV, 4400pF CVT CORE DETAILS: (TABLR-IB)

PARTICULARS	SECONDARY-1	SECONDARY-2	SECONDARY-3
RATED SECONDARY VOLTAGE (V)	110/$\sqrt{3}$	110/$\sqrt{3}$	110/$\sqrt{3}$
APPLICATION	PROTECTION	PROTECTION	METERING
ACCURACY	0.5/3P	0.5/3P	0.2
OUTPUT BURDEN(MIN)	50 VA	50 VA	50 VA
VOLTAGE RATIO	400 / 0.11 /$\sqrt{3}$ /$\sqrt{3}$	400 / 0.11 /$\sqrt{3}$ /$\sqrt{3}$	400 / 0.11 /$\sqrt{3}$ /$\sqrt{3}$

NOTES:-

1. SYSTEM: 400 KV,63kA FOR 1 SEC.,50Hz, 3Ph, SOLIDLY EARTHED
2. DESIGN AMBIENT TEMPERATURE CONSIDERED AS 50 DEG.(MINIMUM) & 50 DEG. (MAXIMUM).
3. ALTITUDE CONSIDERED AS LESS THEN 1000M. ABOVE M.S.L. .

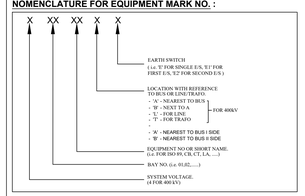
LEGEND:-

EQUIPMENT SYSTEM MARKED EQUIPMENT IN PRESENT SCOPE.

EQUIPMENT SYSTEM MARKED EQUIPMENT IN FUTURE SCOPE.

EQUIPMENT SYSTEM MARKED EQUIPMENT IN EXISTING.

NOMENCLATURE FOR EQUIPMENT MARK NO. :



REV	DESCRIPTION	PREP.	CHKD.	APPD.	DATE
		SIGN.			
0	FIRST SUBMISSION	50HZ	GB	KP	12.07.25

CUSTOMER	पावर ग्रिड कारपोरेशन ऑफ इंडिया लिमिटेड POWER GRID CORPORATION OF INDIA LIMITED (A Government of India Enterprise) POWER GRID CORPORATION OF INDIA LIMITED
EPC	RENEW GREEN ENERGY SOLUTIONS PVT. LTD.
NOA NO.	SUPPLY: SR1/NT/W-AIS/DOM/B00/25/05819/NOA-1/25-107231/01 DA: 16.06.2025
	SERVICE: SR1/NT/W-AIS/DOM/B00/25/05819/NOA-1/25-107231/02 DA: 16.06.2025
PROJECT	AIS SUBSTATION EXTENSION PACKAGE SS-131 IMPLEMENTATION OF 3 NOS. OF 400KV LINE BAYS AT ANANTHAPURAM PS FOR INTEGRATION OF RE GENERATION PROJECTS
SUBSTATION	EXTENSION OF 400KV ANANTHPURAM SUBSTATION PS
DRG. TITLE	ANANTHAPURAM PS_SINGLE LINE DIAGRAM
DRG. NO. :	TB202410-1002486-SS3440-SY-SLD
SCALE :	NTS REV No: 00 SHEET 1 OF 1

सेंट्रल ट्रांसमिशन 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)

Certificate no.: CTU/CMG/RTM/Certificate/2026-27/55 Date:10.08.2026

CTU Certificate towards completion of Transmission System

(In compliance with requirement of Fourth proviso to Regulation 27(1)(c)(i) of IEGC-2023)

To,
The Director,
POWERGRID Khavda-II C Transmission Ltd.
(erstwhile POWERGRID Ananthapuram Kurnool Transmission Ltd.)
(a 100% subsidiary of POWERGRID)
Regional Head Quarters, Kavadiguda Main Road, Secunderabad - 500080

Project: "Implementation of 3 nos. of 400 kV line bays at Ananthapuram PS for integration of RE generation projects" being implemented by POWERGRID Khavda II-C Transmission Ltd (a Subsidiary of POWERGRID)

Reference:

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i. CTU OM dated 22.03.2024.
ii. Letter from "POWERGRID Khavda II-C Transmission Ltd (a Subsidiary of POWERGRID)" with reference no. SR-I: PAKTL: 2026-27/01 dated 16.06.2026 requesting CTU for issuance of the completion certificate.
iii. CEA Approval for Energization with Ref No. 77/07/05/2026-RIO(S)/165 dated: 19.05.2026 and further revision dated 18.07.2026
iv. Certificate from GRID-INDIA for Successful Trial Run Operation (No Load) of the transmission elements at 400/220 kV Ananthpuram Substation with ref no. SRLDC/Trans/Certificate/26-27/10 dated 04.08.2026
v. Undertaking signed by Director of M/s POWERGRID Khavda-II C Transmission Ltd. dated 04.08.2026 for completion of above-mentioned transmission project.

This is to certify that transmission elements have been completed as detailed in **Table-A** by M/s "POWERGRID Khavda II-C Transmission Ltd." meeting all the requirements of the transmission line, sub-station, communication system & inter-related systems conforming CEA Standards & Regulations as amended from time to time including:

(i) CEA (Technical Standards for Construction of Electrical Plants and Electric lines) Regulation, 2022.
(ii) CEA (Technical Standards for Connectivity to the Grid) Regulations, 2007.

(iii) CEA (Technical Standards for Communication in Power System Operation) Regulations, 2020.

(iv) CEA (Measures relating to Safety and Electricity Supply) Regulations, 2023

Table-A

Sl No.	Name of the Transmission Elements under the scheme (as per CTU OM)	Scope of Transmission Scheme Completed
1.	2 nos. of 400kV line bays at Ananthapuram PS for Connectivity to M/s Renew Vikram Shakti Pvt. Ltd. • 400 kV line bays – 2 nos.	2 nos. of 400kV line bays at Ananthapuram PS for Connectivity to M/s Renew Vikram Shakti Pvt. Ltd. • 400 kV line bays – 2 nos.
2.	1 no. of 400kV line bays at Ananthapuram PS for Connectivity to M/s ABC Cleantech Pvt. Ltd. • 400 kV line bays – 1 no.	1 no. of 400kV line bays at Ananthapuram PS for Connectivity to M/s ABC Cleantech Pvt. Ltd. • 400 kV line bays – 1 no.

This Certificate is issued based on the request of "POWERGRID Khavda-II C Transmission Ltd." and on above referred documents/details & the undertaking submitted by "POWERGRID Khavda-II C Transmission Ltd." dated 04.08.2026 and in accordance with Fourth proviso to Regulation 27(1)(c)(i) of CERC (Indian Electricity Grid Code) Regulations, 2023, to certify that the subject transmission elements are complete as per applicable CEA Standards/Regulations as mentioned above at (i) to (iv).

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हस्ताक्षर/Signature:

नाम/Name: Ramchandra

पदनाम/Designation: Sr. GM

Date: 10.08.2026

A/a:

1. Undertaking submitted M/s "POWERGRID Khavda II-C Transmission Ltd." dtd. 04.08.2026
2. CEA Approval of Energization dtd. 19.05.2026 and further revision dated 18.07.2026
3. GRID INDIA Certificate dtd. 04.08.2026

Copy To:

Member Secretary Southern Regional Power Committee (SRPC) Central Electricity Authority, No. 29, Race Course Cross Road, Bengaluru-560009 Email Id: mssrpc-ka@nic.in	**Chief Electrical Inspectorate** Central Electricity Authority, Sewa Bhawan Rama Krishna Puram, Sector-1, New Delhi-110066 Email Id: shivani.cea@gov.in; cea-eidivision@gov.in

Annexure-A
(For RTM Projects)

Undertaking towards "Full" completion of Transmission elements under the scheme "Implementation of 03 Nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects" by "POWERGRID Khavda II-C Transmission Limited *(Project A9: Ananthapuram Kurnool TBCB Transmission System Project)*" as per CTUIL's OM and applicable CEA Standards & Regulations

(for obtaining CTU Certificate in compliance with requirement of Fourth proviso to Regulation 27(1)(c)(i) of IEGC-2023)

To whomsoever it may concern

With reference to "CTUIL's OM dated 22.03.2024" awarded to Ananthapuram Kurnool Transmission Ltd (*a TBCB SPV, 100% acquired by POWERGRID & subsequently merged with POWERGRID Khavda II-C Transmission Ltd),* I, Gyaneshwar Prasad Payasi, Director of POWERGRID Khavda II-C Transmission Limited, hereby undertake that:

POWERGRID Khavda II-C Transmission Ltd has completed the following elements in all respects as detailed below:

S.No	Scope of Transmission Scheme with Item Description (To be filled up as per CTU's OM/NCT's letter/MoP's OM)	Scope of Transmission Scheme with item description (by Splitting of Transmission elements, if required)	Date of Completion /Status of balance Transmission elements (Under Implementation/ Charged/ Commissioned)	CTU Certificate Required for Corresponding Elements
Part A				
1	Implementation of 03 Nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects	2 nos. of 400kV line bays at Ananthapuram PS for Connectivity to M/s Renew Vikram Shakti Pvt. Ltd	Charged on 31.05.2026	YES
		1 no. of 400kV line bay at Ananthapuram PS for Connectivity to M/s ABC Cleantech Pvt. Ltd.	Charged on 07.06.2026	YES

The above elements constitute "FULL" scope of the works under said CTUIL's OM.

The above elements for which CTU Certification is required have been completed meeting all the requirements of the transmission line, sub-station, communication system and their inter-related systems conforming to the scope of the CTUIL's OM and CEA Standards & Regulations including (i) CEA (Technical Standards for Construction of Electrical Plants and Electric lines) Regulation, 2022 (ii) CEA (Technical Standards for Connectivity to the Grid) Regulations,2007 (iii) CEA (Technical Standards for Communication in Power System Operation) Regulations, 2020 (iv) CEA (Measures relating to Safety and Electricity Supply) Regulations, 2023, as amended from time to time. These elements are complete and ready in all respects for operation to their full capacity w.e.f 31.05.2026 & 07.06.2026 as mentioned above and applying for approval of CoD for all regulatory and commercial purposes.

Further, all the conditions stipulated in the approval of CEA for energization of each completed element under consideration have been complied by 19.05.2026. No load charging for the completed element has been done and Certificate from GRID INDIA in this regard is awaited.

The aforesaid undertaking and statement are being made at the complete risk and cost of the POWERGRID Khavda II-C Transmission Limited. Further, POWERGRID Khavda II-C Transmission Limited agrees and undertakes to indemnify and keep indemnified and harmless CTUIL, its Directors and Employees, and assigns from and against any and all actions, claims, proceedings, suits and judgements, damages and losses, all costs, charges and expenses relating thereto arising out of the aforesaid declaration regarding completion of the transmission elements meeting all the requirements of Fourth proviso to Regulation 27 (1)(c)(i) of CERC (Indian Electricity Grid Code) Regulations, 2023 and its amendments.

Date: 04-08-2026

Gyaneshwar Prasad Payasi
Director

भारत सरकार
GOVERNMENT OF INDIA
विद्युत मंत्रालय
MINISTRY OF POWER
केन्द्रीय विद्युत प्राधिकरण
CENTRAL ELECTRICITY AUTHORITY
क्षेत्रीय निरीक्षक संगठन
REGIONAL INSPECTORIAL ORGANISATION
ब्लाक IV तीसरी मंजिल, Block IV Floor III, शास्त्री भवन Shastri Bhavan, चेन्नै-६ Chennai - 600 006

No: 77/07/05/2026-RIO(S)/165 दिनांक: 19.05.2026

To

The Authorized Signatory,
M/s. Powergrid Khavda II-C Transmission Limited,
400/220kV Ananthapuram Pooling Station,
Donimukkala Village, Guntakal town,
Ananthapuram, Andhra Pradesh.

Approval for Energization

Subject: Approval for Energization of 2 No. of 500MVA, 400/220kV ICT-6, ICT-7 along with 400kV and 220kV Bays Equipment (400kV Bay No: 419,422,423,425,426 and 220kV Bay No: 213-228, 230) (As per List enclosed) at Powergrid Khavda II-C Transmission Limited, 400/220kV Ananthapuram Pooling Station under Regulation 45 of the Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations, 2023.

Ref: 1. Online Application No: A/2026/18839 dated 15.04.2026
2. Our Inspection Report: 77/07/05/2026-RIO(S)/102 dated 01.05.2026
3. Your Compliance report submitted via mail dated 18.05.2026

Whereas the above Electrical installation (List enclosed at annexure) at Powergrid Khavda II-C Transmission Limited, 400/220kV Ananthapuram Pooling Station was inspected by the undersigned on 29.04.2026 under regulation 45 of the Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations, 2023.

Approval for Energization of the said Electrical Installation is hereby accorded subject to following conditions by the applicant:

1. Applicant shall ensure to have all other requisite clearances/NOCs from other authorities, as applicable.
2. Adherence to relevant provisions of the Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations, 2023 shall be ensured by the applicant for safety during operation and maintenance.

CEA-PG-51-14/5/2025-51 I/64856/2026

The first periodic inspection of the above installation shall be due at an interval of **05 years from the date of this inspection** under regulation 32 of CEA (Measures relating to safety and Electric Supply) Regulations, 2023. This periodicity is subject to change by Govt order/notification.

Next Inspection is due before **28.04.2031**

Digitally signed by
B Chandra Sekhar
Date: 19-05-2026
18:21:20

(B. Chandrasekhar/ बी.चंद्रशेखर)

Assistant Director/ सहायक निदेशक &
Electrical Inspector to the Govt. of India

Equipment List

400/220kV Ananthapuram Pooling Station (ICT-6&7,220kV Section-2&3 Bays)(213-230)					
Sl No	**Bay No**	**Equipment**	**Make**	**Serial No**	**Rating**
1		ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-23	245KV, 1600A
2		ISOLATOR_220KV_89L	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-72	245KV, 1600A
3		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-50	245KV, 1600A
4		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-43	245KV, 1600A
5		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160091	216KV
6		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160092	216KV
7		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160093	216KV
8	213 Bay	CVT_220KV_R Phase	GE T&D INDIA LIMITED	37992038992	420KV, 4400pF
9		CVT_220KV_Y Phase	GE T&D INDIA LIMITED	37992039001	420KV, 4400pF
10		CVT_220KV_B Phase	GE T&D INDIA LIMITED	37992039000	420KV, 4400pF
11		WT_220KV_R Phase	GE T&D INDIA LIMITED	37993013725	3150A, 0.5mH
12		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749721	245KV, 1600A
13		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749694	245KV, 1600A
14		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749709	245KV, 1600A
15		CB_220KV	SIEMENS	40840	420KV, 3150A
16		ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-24	245KV, 1600A
17		ISOLATOR_220KV_89L	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-73	245KV, 1600A
18		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-66	245KV, 1600A
19		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-443	245KV, 1600A
20		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160109	216KV
21		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160110	216KV
22		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160111	216KV
23	215 Bay	CVT_220KV_R Phase	GE T&D INDIA LIMITED	37992038812	420KV, 4400pF
24		CVT_220KV_Y Phase	GE T&D INDIA LIMITED	37992038811	420KV, 4400pF
25		CVT_220KV_B Phase	GE T&D INDIA LIMITED	37992038993	420KV, 4400pF
26		WT_220KV_R Phase	GE T&D INDIA LIMITED	37993013724	3150A, 0.5mH
27		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749716	245KV, 1600A
28		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749703	245KV, 1600A
29		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749695	245KV, 1600A
30		CB_220KV	SIEMENS	40844	420KV, 3150A
31		ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-13	245KV, 1600A
32		ISOLATOR_220KV_89L	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-71	245KV, 1600A
33		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-64	245KV, 1600A
34		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-39	245KV, 1600A
35		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160076	216KV
36		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160077	216KV
37		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160078	216KV
38	217 Bay	CVT_220KV_R Phase	GE T&D INDIA LIMITED	37992038874	420KV, 4400pF
39		CVT_220KV_Y Phase	GE T&D INDIA LIMITED	37992039015	420KV, 4400pF
40		CVT_220KV_B Phase	GE T&D INDIA LIMITED	37992038990	420KV, 4400pF
41		WT_220KV_R Phase	GE T&D INDIA LIMITED	37993013727	3150A, 0.5mH
42		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749732	245KV, 1600A
43		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749713	245KV, 1600A
44		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749708	245KV, 1600A
45		CB_220KV	SIEMENS	40842	420KV, 3150A
46		ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-14	245KV, 1600A
47		ISOLATOR_220KV_89L	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-70	245KV, 1600A
48		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-65	245KV, 1600A
49		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-42	245KV, 1600A
50		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160108	216KV
51		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160107	216KV
52		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160106	216KV
53	219 Bay	CVT_220KV_R Phase	GE T&D INDIA LIMITED	37992038916	420KV, 4400pF
54		CVT_220KV_Y Phase	GE T&D INDIA LIMITED	37992038917	420KV, 4400pF
55		CVT_220KV_B Phase	GE T&D INDIA LIMITED	37992038918	420KV, 4400pF
56		WT_220KV_R Phase	GE T&D INDIA LIMITED	37993013734	3150A, 0.5mH
57		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749706	245KV, 1600A
58		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749735	245KV, 1600A
59		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749715	245KV, 1600A
60		CB_220KV	SIEMENS	40845	420KV, 3150A
61		ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-08	245KV, 1600A
62		ISOLATOR_220KV_89L	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-82	245KV, 1600A
63		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-61	245KV, 1600A
64		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-40	245KV, 1600A
65		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160102	216KV
66		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160100	216KV
67		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160101	216KV
68	221 Bay	CVT_220KV_R Phase	GE T&D INDIA LIMITED	37992039005	420KV, 4400pF
69		CVT_220KV_Y Phase	GE T&D INDIA LIMITED	37992039006	420KV, 4400pF
70		CVT_220KV_B Phase	GE T&D INDIA LIMITED	37992039007	420KV, 4400pF
71		WT_220KV_R Phase	GE T&D INDIA LIMITED	37993013731	3150A, 0.5mH
72		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749710	245KV, 1600A
73		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749700	245KV, 1600A
74		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749702	245KV, 1600A
75		CB_220KV	SIEMENS	40841	420KV, 3150A

400/220kV Ananthapuram Pooling Station (ICT-6&7,220kV Section-2&3 Bays)(213-230)					
Sl No	Bay No	Equipment	Make	Serial No	Rating
76	225 Bay	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-18	245KV, 1600A
77		ISOLATOR_220KV_89L	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-88	245KV, 1600A
78		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-62	245KV, 1600A
79		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-24	245KV, 1600A
80		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160117	216KV
81		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160116	216KV
82		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160115	216KV
83		CVT_220KV_R Phase	GE T&D INDIA LIMITED	37992039002	420KV, 4400pF
84		CVT_220KV_Y Phase	GE T&D INDIA LIMITED	37992038880	420KV, 4400pF
85		CVT_220KV_B Phase	GE T&D INDIA LIMITED	37992038881	420KV, 4400pF
86		WT_220KV_R Phase	GE T&D INDIA LIMITED	37993013730	3150A, 0.5mH
87		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749750	245KV, 1600A
88		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749730	245KV, 1600A
89		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749734	245KV, 1600A
90		CB_220KV	SIEMENS	40839	420KV, 3150A
91	227 Bay	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-17	245KV, 1600A
92		ISOLATOR_220KV_89L	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-86	245KV, 1600A
93		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-48	245KV, 1600A
94		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-07	245KV, 1600A
95		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160067	216KV
96		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160068	216KV
97		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160069	216KV
98		CVT_220KV_R Phase	GE T&D INDIA LIMITED	37992039022	420KV, 4400pF
99		CVT_220KV_Y Phase	GE T&D INDIA LIMITED	37992039023	420KV, 4400pF
100		CVT_220KV_B Phase	GE T&D INDIA LIMITED	37992039024	420KV, 4400pF
101		WT_220KV_R Phase	GE T&D INDIA LIMITED	37993013728	3150A, 0.5mH
102		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749719	245KV, 1600A
103		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749701	245KV, 1600A
104		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749707	245KV, 1600A
105		CB_220KV	SIEMENS	40843	420KV, 3150A
106	214 Bay	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-25	245KV, 1600A
107		ISOLATOR_220KV_89T	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-93	245KV, 1600A
108		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-51	245KV, 1600A
109		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-38	245KV, 1600A
110		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160061	216KV
111		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160062	216KV
112		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160063	216KV
113		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749699	245KV, 1600A
114		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749718	245KV, 1600A
115		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749738	245KV, 1600A
116		CB_220KV	SIEMENS	40838	420KV, 3150A
117	216 Bay	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-26	245KV, 1600A
118		ISOLATOR_220KV_89T	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-92	245KV, 1600A
119		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-49	245KV, 1600A
120		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-37	245KV, 1600A
121		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160064	216KV
122		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160065	216KV
123		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160066	216KV
124		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749749	245KV, 1600A
125		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749746	245KV, 1600A
126		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749705	245KV, 1600A
127		CB_220KV	SIEMENS	40849	420KV, 3150A
128	BUS COUPLER-2 BAY (218)	ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-84	245KV, 3150A
129		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-95	245KV, 3150A
130		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749765	245KV, 2500A
131		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749764	245KV, 2500A
132		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749763	245KV, 2500A
133		CB_220KV	SIEMENS	40852	420KV, 3150A
134	220 Bay	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-16	245KV, 1600A
135		ISOLATOR_220KV_89T	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-85	245KV, 1600A
136		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-46	245KV, 1600A
137		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-41	245KV, 1600A
138		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160070	216KV
139		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160071	216KV
140		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160072	216KV
141		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749739	245KV, 1600A
142		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749744	245KV, 1600A
143		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749741	245KV, 1600A
144		CB_220KV	SIEMENS	40851	420KV, 3150A
145	TRANSFER BUS COUPLER-2 BAY (222)	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-89	245KV, 1600A
146		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-63	245KV, 1600A
147		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-27	245KV, 1600A
148		CB_220KV	SIEMENS	40850	420KV, 3150A
149		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749758	245KV, 1600A
150		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749759	245KV, 1600A
151		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749731	245KV, 1600A
152	220KV BUS SECTIONALISER-2B (223)	ISOLATOR_220KV_89A	SWITCHGEAR & STRUCTIRALS PRIVATE LIMITED, HYD	1981-212-02	245KV, 4000A
153		ISOLATOR_220KV_89B	SWITCHGEAR & STRUCTIRALS PRIVATE LIMITED, HYD	1981-212-01	245KV, 4000A
154		CB_220KV	SIEMENS	40865	420KV, 4000A
155		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749760	245KV, 3150A
156		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749761	245KV, 3150A
157		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749768	245KV, 3150A
158		CVT_220KV_R_Phase	GE T&D INDIA LIMITED	37992038807	420KV, 4400pF
159		CVT_220KV_Y_Phase	GE T&D INDIA LIMITED	37992038809	420KV, 4400pF

400/220kV Ananthapuram Pooling Station (ICT-6&7,220kV Section-2&3 Bays)(213-230)					
Sl No	**Bay No**	**Equipment**	**Make**	**Serial No**	**Rating**
160		CVT_220KV_B_Phase	GE T&D INDIA LIMITED	37992038810	420KV, 4400pF
161	220KV BUS SECTIONALISER-2A (224)	ISOLATOR_220KV_89A	SWITCHGEAR & STRUCTIRALS PRIVATE LIMITED, HYD	1981-212-05	245KV, 4000A
162		ISOLATOR_220KV_89B	SWITCHGEAR & STRUCTIRALS PRIVATE LIMITED, HYD	1981-212-06	245KV, 4000A
163		CB_220KV	SIEMENS	40823	420KV, 4000A
164		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749762	245KV, 3150A
165		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749766	245KV, 3150A
166		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749767	245KV, 3150A
167		CVT_220KV_R_Phase	GE T&D INDIA LIMITED	37992038870	420KV, 4400pF
168		CVT_220KV_Y_Phase	GE T&D INDIA LIMITED	37992038871	420KV, 4400pF
169		CVT_220KV_B_Phase	GE T&D INDIA LIMITED	37992038872	420KV, 4400pF
170	226 Bay	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-15	245KV, 1600A
171		ISOLATOR_220KV_89T	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-76	245KV, 1600A
172		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-54	245KV, 1600A
173		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-28	245KV, 1600A
174		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160082	216KV
175		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160083	216KV
176		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160084	216KV
177		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749757	245KV, 1600A
178		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749726	245KV, 1600A
179		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749736	245KV, 1600A
180		CB_220KV	SIEMENS	40853	420KV, 3150A
181	TRANSFER BUSCOUPLER-3 BAY (228)	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-83	245KV, 1600A
182		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-47	245KV, 1600A
183		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-22	245KV, 1600A
184		CB_220KV	SIEMENS	40854	420KV, 3150A
185		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749743	245KV, 1600A
186		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749740	245KV, 1600A
187		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749752	245KV, 1600A
188	BUS COUPLER-3 BAY (230)	ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-77	245KV, 3150A
189		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-94	245KV, 3150A
190		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749769	245KV, 2500A
191		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749771	245KV, 2500A
192		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749774	245KV, 2500A
193		CB_220KV	SIEMENS	40855	420KV, 3150A
194	220KV BUS SECTIONALISER-IB (211)	ISOLATOR_220KV_89B	SWITCHGEAR & STRUCTIRALS PRIVATE LIMITED, HYD	1981-212-03	245KV, 4000A
195	220KV BUS SECTIONALISER-IA (212)	ISOLATOR_220KV_89B	SWITCHGEAR & STRUCTIRALS PRIVATE LIMITED, HYD	1981-212-04	245KV, 4000A
196	400/220KV ICT#6	ICT	BHEL	6008281	400/220KV, 500MVA
197	400/220KV ICT#7	ICT	BHEL	6008282	400/220KV, 500MVA

List of Equipment for 400/220 KV Anantapuram Pooling Station (419, 422, 423, 424 Future, 425, 426, 427 Future)						
Sl. No.	**Equipment Name**	**Make**	**Rating / Capacity**	**Year of Mfg**	**Serial No.**	**Installed Location**
1	Lightning Arrestor	M/s- OBLUM ELECTRICAL INDUSTRIES SOLUTIONS LTD	Total Qty- 9 Nos 336 kV, 20 kA	2025	R Phase-747	419 -ABC Line Bay
					Y Phase-746	
					B Phase-745	
					R Phase-750	422-ReNew Vikram Shakti Line 1 Bay
					Y Phase-749	
					B Phase-748	
					R Phase-753	422-ReNew Vikram Shakti Line 2 Bay
					Y Phase-752	
					B Phase-751	
2	Capacitive Voltage Transformer	M/s- SIEMENS ENERGY	Total Qty Protection :- 09 Nos 400kV/√3/110V-√3/110-√3/110V	2025	R Phase-4CV4285	419 -ABC Line Bay
					Y Phase-4CV4284	
					B Phase-4CV4283	
					R Phase-4CV4288	422-ReNew Vikram Shakti Line 1 Bay
					Y Phase-4CV4287	
					B Phase-4CV4386	
					R Phase-4CV4291	422-ReNew Vikram Shakti Line 2 Bay
					Y Phase-4CV4290	
					B Phase-4CV4289	
3	Current Transformer	M/s- Mehru Electrical & Mechanical Engineers Pvt. Ltd	Total Qty - 15 Nos 420 kv, 63kA for 1 Sec 500-2000-3000/1A (6 Core)	2026	R Phase-OC-15637/1/7/26	419 -ABC Line Bay
					Y Phase-OC-15637/1/8/26	
					B Phase-OC-15637/1/9/26	
					R Phase-OC-15637/1/4/26	422-ReNew Vikram Shakti Line 1 Bay
					Y Phase-OC-15637/1/5/26	
					B Phase-OC-15637/1/6/26	
					R Phase-OC-15637/1/1/26	425 -ReNew Vikram Shakti Line 2 Bay
					Y Phase-OC-15637/1/2/26	
					B Phase-OC-15637/1/3/26	
					R Phase-OC-15637/1/13/26	423- Tie Bay
					Y Phase-OC-15637/1/14/26	
					B Phase-OC-15637/1/15/26	
					R Phase-OC-15637/1/10/26	426- Tie Bay
					Y Phase-OC-15637/1/11/26	
					B Phase-OC-15637/1/12/26	
4	Wave Trap	M/s Quality Power Electrical Equipments Pvt. Ltd.	Total No. of WT : 06Nos 400 KV,3150A, 63kA, 0.5 mH	2025	R- 6130/7295 LT	419 -ABC Line Bay
					B- 6130/ 7296 LT	
					R- 6130/7297 LT	422-ReNew Vikram Shakti Line 1 Bay
					B- 6130/ 7298 LT	
					R - 6130/7299 LT	422-ReNew Vikram Shakti Line 2 Bay
					B - 6130/7300 LT	

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List of Equipment for 400/220 KV Anantapuram Pooling Station (419, 422, 423, 424 Future, 425, 426, 427 Future)						
Sl. No.	**Equipment Name**	**Make**	**Rating / Capacity**	**Year of Mfg**	**Serial No.**	**Installed Location**
5	Circuit Breaker	M/s SIEMENS ENERGY	Total 5 Sets 420 KV, 4000A, 63kA, 3 Sec	2025	12/2025/46768	419 - ABC Line Bay
					12/2025/46769	422-ReNew Vikram Shakti Line 1 Bay
					12/2025/46771	422-ReNew Vikram Shakti Line 2 Bay
					12/2025/46770	423- Tie Bay
					12/2025/46771	426- Tie Bay
6	Isolator with Single Earth Switch	M/S S&S Power	Total 15 Set 420KV,3150A, 63kA/1S 3 Pole Double Break Disconnector with Single Earth Switch	2025	419 - 89L 419 - 89LE R001 DEE - 001RE Y001 DEE - 001YE B001 DEE - 001BE	419 ABC Line Bay
					419 - 89A 419 - 89AE R006 DEE - 006RE Y006 DEE - 006YE B006 DEE - 006BE	
					419 - 89B 419 - 89BE R007 DEE - 007RE Y007 DEE - 007YE B007 DEE - 007BE	
					422 - 89L 422 - 89LE R002 DEE - 002RE Y002 DEE - 002YE B002 DEE - 002BE	422 ReNew Vikram Shakti Line 1
					422 - 89A 422 - 89AE R008 DEE - 008RE Y008 DEE - 008YE B008 DEE - 008BE	
					422 - 89B 422 - 89BE R009 DEE - 009RE Y009 DEE - 009YE B009 DEE - 009BE	
					423 - 89A 423 - 89AE R011 DEE - 011RE Y011 DEE - 011YE B011 DEE - 011BE	423 Tie Bay
					423 - 89B 232 - 89BE R013 DEE - 013RE Y013 DEE - 013YE B013 DEE - 013BE	

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List of Equipment for 400/220 KV Anantapuram Pooling Station (419, 422, 423, 424 Future, 425, 426, 427 Future)						
Sl. No.	**Equipment Name**	**Make**	**Rating / Capacity**	**Year of Mfg**	**Serial No.**	**Installed Location**
6	Isolator with Single Earth Switch	M/S S&S Power	Total 15 Set 420KV,3150A, 63kA/1S 3 Pole Double Break Disconnector with Single Earth Switch		424 - 89A 424 - 89AE R005 DEE - 005RE Y005 DEE - 005YE B005 DEE - 005BE	424 Future ICT Bay
					425 - 89L 425 - 89LE R003 DEE - 003RE Y003 DEE - 003YE B003 DEE - 003BE	425 ReNew Vikram Shakti Line 2
					425 - 89A 425 - 89AE R004 DEE - 004RE Y004 DEE - 004YE B004 DEE - 004BE	
					425 - 89B 425 - 89BE R010 DEE - 010RE Y010 DEE - 010YE B010 DEE - 010BE	
					426 - 89A 426 - 89AE R012 DEE - 012RE Y012 DEE - 012YE B012 DEE - 021BE	426 Tie Bay
					426 - 89B 426 - 89BE R014 DEE - 014RE Y014 DEE - 014YE B014 DEE - 014BE	
					427 - 89A 427 - 89AE R015 DEE - 015RE Y015 DEE - 015YE B015 DEE- 015BE	427 Future ICT Bay

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List of Equipment for 400/220 KV Anantapuram Pooling Station (419, 422, 423, 424 Future, 425, 426, 427 Future)						
Sl. No.	**Equipment Name**	**Make**	**Rating / Capacity**	**Year of Mfg**	**Serial No.**	**Installed Location**
400kV AIS EQUIPMENT'S						
1	Lightning Arrestor	M/s- OBLUM ELECTRICAL INDUSTRIES SOLUTIONS LTD	Total Qty- 9 Nos 336 kV, 20 kA	2025	R Phase-747	419 -ABC Line Bay
					Y Phase-746	
					B Phase-745	
					R Phase-750	422-ReNew Vikram Shakti Line 1 Bay
					Y Phase-749	
					B Phase-748	
					R Phase-753	425-ReNew Vikram Shakti Line 2 Bay
					Y Phase-752	
					B Phase-751	
2	Capacitive Voltage Transformer (Protection)	M/s- SIEMENS ENERGY	Total Qty Protection :- 09 Nos 400kV/√3/110V-√3/110-√3/110V	2025	R Phase-4CV4285	419 -ABC Line Bay
					Y Phase-4CV4284	
					B Phase-4CV4283	
					R Phase-4CV4288	422-ReNew Vikram Shakti Line 1 Bay
					Y Phase-4CV4287	
					B Phase-4CV4386	
					R Phase-4CV4291	425-ReNew Vikram Shakti Line 2 Bay
					Y Phase-4CV4290	
					B Phase-4CV4289	
3	Current Transformer (Metering)	M/s- Mehru Electrical & Mechanical Engineers Pvt. Ltd	Total Qty - 15 Nos 420 kv, 63kA for 1 Sec 500-2000-3000/1A (6 Core)	2026	R Phase-OC-15637/1/7/26	419 -ABC Line Bay
					Y Phase-OC-15637/1/8/26	
					B Phase-OC-15637/1/9/26	
					R Phase-OC-15637/1/4/26	422-ReNew Vikram Shakti Line 1 Bay
					Y Phase-OC-15637/1/5/26	
					B Phase-OC-15637/1/6/26	
					R Phase-OC-15637/1/1/26	425 -ReNew Vikram Shakti Line 2 Bay
					Y Phase-OC-15637/1/2/26	
					B Phase-OC-15637/1/3/26	
					R Phase-OC-15637/1/13/26	423- Tie Bay
					Y Phase-OC-15637/1/14/26	
					B Phase-OC-15637/1/15/26	
					R Phase-OC-15637/1/10/26	426- Tie Bay
					Y Phase-OC-15637/1/11/26	
					B Phase-OC-15637/1/12/26	
4	Wave Trap	M/s Quality Power Electrical Equipments Pvt. Ltd.	Total No. of WT : 06Nos 400 KV,3150A, 63kA, 0.5 mH	2025	R- 6130/7295 LT	419 -ABC Line Bay
					B- 6130/ 7296 LT	
					R- 6130/7297 LT	422-ReNew Vikram Shakti Line 1 Bay
					B- 6130/ 7298 LT	
					R - 6130/7299 LT	425-ReNew Vikram Shakti Line 2 Bay
					B - 6130/7300 LT	

List of Equipment for 400/220 KV Anantapuram Pooling Station (419, 422, 423, 424 Future, 425, 426, 427 Future)						
Sl. No.	**Equipment Name**	**Make**	**Rating / Capacity**	**Year of Mfg**	**Serial No.**	**Installed Location**
5	Circuit Breaker	M/s SIEMENS ENERGY	Total 5 Sets 420 KV, 4000A, 63kA, 3 Sec	2025	12/2025/46768	419 -ABC Line Bay
					12/2025/46769	422-ReNew Vikram Shakti Line 1 Bay
					12/2025/46771	425-ReNew Vikram Shakti Line 2 Bay
					12/2025/46770	423- Tie Bay
					12/2025/46771	426- Tie Bay
6	Isolator with Single Earth Switch	M/S S&S Power	Total 15 Set 420KV,3150A, 63kA/1S 3 Pole Double Break Disconnector with Single Earth Switch	2025	419 - 89L 419 - 89LE R001 DEE - 001RE Y001 DEE - 001YE B001 DEE - 001BE	419 ABC Line Bay
					419 - 89A 419 - 89AE R006 DEE - 006RE Y006 DEE - 006YE B006 DEE - 006BE	
					419 - 89B 419 - 89BE R007 DEE - 007RE Y007 DEE - 007YE B007 DEE - 007BE	
					422 - 89L 422 - 89LE R002 DEE - 002RE Y002 DEE - 002YE B002 DEE - 002BE	422 ReNew Vikram Shakti Line 1
					422 - 89A 422 - 89AE R008 DEE - 008RE Y008 DEE - 008YE B008 DEE - 008BE	
					422 - 89B 422 - 89BE R009 DEE - 009RE Y009 DEE - 009YE B009 DEE - 009BE	
					423 - 89A 423 - 89AE R011 DEE - 011RE Y011 DEE - 011YE B011 DEE - 011BE	423 Tie Bay
					423 - 89B 232 - 89BE R013 DEE - 013RE Y013 DEE - 013YE B013 DEE - 013BE	

List of Equipment for 400/220 KV Anantapuram Pooling Station (419, 422, 423, 424 Future, 425, 426, 427 Future)						
Sl. No.	**Equipment Name**	**Make**	**Rating / Capacity**	**Year of Mfg**	**Serial No.**	**Installed Location**
6	Isolator with Single Earth Switch	M/S S&S Power	Total 15 Set 420KV,3150A, 63kA/1S 3 Pole Double Break Disconnector with Single Earth Switch	2025	424 - 89A 424 - 89AE R005 DEE - 005RE Y005 DEE - 005YE B005 DEE - 005BE	424 Future ICT Bay
					425 - 89L 425 - 89LE R003 DEE - 003RE Y003 DEE - 003YE B003 DEE - 003BE	425 ReNew Vikram Shakti Line 2
					425 - 89A 425 - 89AE R004 DEE - 004RE Y004 DEE - 004YE B004 DEE - 004BE	
					425 - 89B 425 - 89BE R010 DEE - 010RE Y010 DEE - 010YE B010 DEE - 010BE	
					426 - 89A 426 - 89AE R012 DEE - 012RE Y012 DEE - 012YE B012 DEE - 021BE	426 Tie Bay
					426 - 89B 426 - 89BE R014 DEE - 014RE Y014 DEE - 014YE B014 DEE - 014BE	
					427 - 89A 427 - 89AE R015 DEE - 015RE Y015 DEE - 015YE B015 DEE- 015BE	427 Future ICT Bay

ग्रिड-इंडिया GRID-INDIA
ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
GRID CONTROLLER OF INDIA LIMITED
(A Government of India Enterprise) [Formerly (POSOCO)]
दक्षिण क्षेत्रीय भार प्रेषण केन्द्र/ Southern Regional Load Despatch Centre
कार्यालय : २९, रेस कोर्स क्रॉस रोड, बेंगलूरु ५६० ००९.
Office : 29 Race Course Cross Road, Bengaluru 560 009.
CIN NO : U40105DL2009GOI188682, Website : www.srldc.in, E-mail : srldc@grid-india.in Tel : 080-2225004/45,25, Fax : 080-22268725

सर्टिफिकेट नंबर:एस.आर.एल.डी.सी/ट्रांस/सर्टिफिकेट/26-27/10 **दिनांक /Date:04-08-2026**
Certificate Number: SRLDC/Trans/Certificate/26-27/10

सेवा में / To ,
कार्यपालक निदेशक / Executive Director,
SRTS-I, Power Grid Corporation of India Ltd.
Door No. 6-6-8/32, 395e
Kavadiguda Main Road,
Secunderabad -500080.

400/220 केवी अनंतपुरम एस/एस में ट्रांसमिशन तत्वों के लिए नो लोड प्रमाणपत्र
NO Load Certificate for the Transmission Elements at 400/220kV Ananthpuram S/S

सन्दर्भ/Reference:

(1) पी.जी.एस.आर.-1 अनुरोध दिनांक 08.06.2026 को पोस्ट-चार्जिंग प्रारूप प्रस्तुत करने और सफल ट्रायल रन ऑपरेशन प्रमाणपत्र जारी करने और विभागीय मंजूरी प्राप्त करने का अनुरोध 31.07.26 को प्राप्त हुआ। /PGSR-1 request dt. 08.06.2026 submitting post-charging formats and requesting issuance of successful trail run operation certificate with no load and department clearances received on 31.07.26.

इसके द्वारा प्रमाणित किया जाता है कि निम्नलिखित संचरण तत्वों ने बिना भार के परीक्षण सफलतापूर्वक पूरा कर लिया है: / It is hereby certified that the following transmission elements have successfully completed trail run without load:

Req. ID	TYPE	Element Name	SRLDC Charging Code	First Time Charging Date & Time	Date and Time of commencement of trial operation	Date and Time of completion of trial operation
4075	BAY	422 Main Bay of RENEW Line-1 at 400/220kV Ananthpuram SS	SR-4861	31.05.2026 23:19Hrs	31.05.2026 23:38Hrs	01.06.2026 23:38Hrs
4075	BAY	423 Tie Bay of RENEW Line-1 and Future Bay (only isolator) at 400/220kV Ananthpuram SS	SR-4862	31.05.2026 23:20Hrs	31.05.2026 23:38Hrs	01.06.2026 23:38Hrs

सर्टिफिकेट नंबर:एस.आर.एल.डी.सी/ट्रांस/सर्टिफिकेट/26-27/10 **दिनांक /Date:04-08-2026**

Certificate Number: SRLDC/Trans/Certificate/26-27/10

Req. ID	TYPE	Element Name	SRLDC Charging Code	First Time Charging Date & Time	Date and Time of commencement of trial operation	Date and Time of completion of trial operation
4075	BAY	425 Main Bay of RENEW Line-2 at 400/220kV Ananthpuram SS	SR-4867	31.05.2026 23:38Hrs	31.05.2026 23:38Hrs	01.06.2026 23:38Hrs
4075	BAY	426 Tie Bay of RENEW Line-2 and Future (only isolator) at 400/220kV Ananthpuram SS	SR-4869	31.05.2026 23:38Hrs	31.05.2026 23:38Hrs	01.06.2026 23:38Hrs
4075	BAY	419 Main Bay of ABC Line at 400/220kV Ananthapuram SS	SR-1054	07.06.2026 01:25Hrs	07.06.2026 01:25Hrs	08.06.2026 01:25Hrs

*यह प्रमाणपत्र लोड रहित ट्रांसमिशन एलिमेंट के ट्रायल रन ऑपरेशन के सफल समापन को प्रमाणित करने के लिए विनियमन IEGC 2023 27(1)(C)(i) के अनुसार जारी किया जा रहा है। इस प्रमाणपत्र का किसी अन्य उद्देश्य के लिए उपयोग करना सख्त वर्जित है।*This certificate is being issued in accordance with regulation IEGC 2023 27(1)(C)(i) to certify successful competition of trial run operation of transmission element without load. Usage of this certificate for any other purpose is strictly prohibited.

As per Regulation 26(3)(a) of the IEGC "*The transmission licensee shall submit a certificate signed by the authorized signatory not below the rank of CMD or CEO or MD of the company to the concerned RLDC and to the Member Secretary of the concerned RPC before declaration of COD that the transmission line, sub-station and communication system conform to the CEA Technical Standards for Construction, CEA Technical Standards for Connectivity, CEA Technical Standards for Communication, Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations,2010 and these regulations and are capable of operation to their full capacity*".

Accordingly, POWERGRID-SR-I is required to submit the above-mentioned certificate prior to the declaration of COD

आईईजीसी के विनियमन 26(3)(ए) के अनुसार, *"ट्रांसमिशन लाइसेंसधारी, कंपनी के सीएमडी या सीईओ या एमडी के पद से नीचे के प्राधिकृत हस्ताक्षरकर्ता द्वारा हस्ताक्षरित एक प्रमाण पत्र संबंधित आरएलडीसी और संबंधित आरपीसी के सदस्य सचिव को सीओडी की घोषणा से पहले प्रस्तुत करेगा कि ट्रांसमिशन लाइन, सब-स्टेशन और संचार प्रणाली निर्माण के लिए सीईए तकनीकी मानकों, कनेक्टिविटी के लिए सीईए तकनीकी मानकों, संचार के लिए सीईए तकनीकी मानकों, केंद्रीय विद्युत प्राधिकरण (सुरक्षा और बिजली आपूर्ति से संबंधित उपाय) विनियम, 2010 और इन विनियमों के अनुरूप हैं और अपनी पूरी क्षमता से संचालन करने में सक्षम हैं"।*

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सर्टिफिकेट नंबर:एस.आर.एल.डी.सी/ट्रांस/सर्टिफिकेट/26-27/10 **दिनांक /Date:04-08-2026**
Certificate Number: SRLDC/Trans/Certificate/26-27/10

तदनुसार, पावरग्रिड-एसआर-I को सीओडी की घोषणा से पहले उपर्युक्त प्रमाण पत्र प्रस्तुत करना आवश्यक है।

टी श्रीनिवास 04/8/26

(टी श्रीनिवास)
कार्यकारी निदेशक
एसआरएलडीसी

प्रतिलिपि / Copy to:

1) सदस्य सचिव, एस.आर.पी.सी, बेंगलुरु/ Member Secretary, SRPC, Bengaluru.
2) ई.डी, एन.एल.डी.सी, नई दिल्ली/ ED, NLDC, New Delhi
3) मुख्य अभियंता, एस.एल.डी.सी, ए.पी.ट्रान्स्को / टी.एस.ट्रान्स्को / के.पी.टी.सी.एल / टी ए एन ट्रांसको / के.एस.ई.बी / Chief Engineer, SLDC, APTRANSCO/ TSTRANSCO/ KPTCL/ TANTRANSCO/KSEB
4) अधीक्षण अभियंता, एस.एल.डी.सी पुडुचेरी/गोवा
Superintending Engineer, SLDC Puducherry/ Goa

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भारत सरकार
GOVERNMENT OF INDIA
विद्युत मंत्रालय
MINISTRY OF POWER
केन्द्रीय विद्युत प्राधिकरण
CENTRAL ELECTRICITY AUTHORITY
क्षेत्रीय निरीक्षक संगठन
REGIONAL INSPECTORIAL ORGANISATION
ब्लाक IV तीसरी मंजिल, Block IV Floor III, शास्त्री भवन Shastri Bhavan, चेन्नै-६ Chennai - 600 006

No: 77/07/05/2026-RIO(S)/165 दिनांक: 19.05.2026

To

The Authorized Signatory,
M/s. Powergrid Khavda II-C Transmission Limited,
400/220kV Ananthapuram Pooling Station,
Donimukkala Village, Guntakal town,
Ananthapuram, Andhra Pradesh.

Approval for Energization

Subject: Approval for Energization of 2 No. of 500MVA, 400/220kV ICT-6, ICT-7 along with 400kV and 220kV Bays Equipment (400kV Bay No: 419,422,423,425,426 and 220kV Bay No: 213-228, 230) (As per List enclosed) at Powergrid Khavda II-C Transmission Limited, 400/220kV Ananthapuram Pooling Station under Regulation 45 of the Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations, 2023.

Ref: 1. Online Application No: A/2026/18839 dated 15.04.2026
2. Our Inspection Report: 77/07/05/2026-RIO(S)/102 dated 01.05.2026
3. Your Compliance report submitted via mail dated 18.05.2026

Whereas the above Electrical installation (List enclosed at annexure) at Powergrid Khavda II-C Transmission Limited, 400/220kV Ananthapuram Pooling Station was inspected by the undersigned on 29.04.2026 under regulation 45 of the Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations, 2023.

Approval for Energization of the said Electrical Installation is hereby accorded subject to following conditions by the applicant:

1. Applicant shall ensure to have all other requisite clearances/NOCs from other authorities, as applicable.
2. Adherence to relevant provisions of the Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations, 2023 shall be ensured by the applicant for safety during operation and maintenance.

CEA-PG-51-14/5/2025-51 I/64856/2026

The first periodic inspection of the above installation shall be due at an interval of **05 years from the date of this inspection** under regulation 32 of CEA (Measures relating to safety and Electric Supply) Regulations, 2023. This periodicity is subject to change by Govt order/notification.

Next Inspection is due before **28.04.2031**

Digitally signed by
B Chandra Sekhar
Date: 19-05-2026
18:21:20

(B. Chandrasekhar/ बी.चंद्रशेखर)

Assistant Director/ सहायक निदेशक &
Electrical Inspector to the Govt. of India

Equipment List

400/220kV Ananthapuram Pooling Station (ICT-6&7,220kV Section-2&3 Bays)(213-230)					
Sl No	**Bay No**	**Equipment**	**Make**	**Serial No**	**Rating**
1	213 Bay	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-23	245KV, 1600A
2		ISOLATOR_220KV_89L	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-72	245KV, 1600A
3		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-50	245KV, 1600A
4		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-43	245KV, 1600A
5		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160091	216KV
6		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160092	216KV
7		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160093	216KV
8		CVT_220KV_R Phase	GE T&D INDIA LIMITED	37992038992	420KV, 4400pF
9		CVT_220KV_Y Phase	GE T&D INDIA LIMITED	37992039001	420KV, 4400pF
10		CVT_220KV_B Phase	GE T&D INDIA LIMITED	37992039000	420KV, 4400pF
11		WT_220KV_R Phase	GE T&D INDIA LIMITED	37993013725	3150A, 0.5mH
12		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749721	245KV, 1600A
13		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749694	245KV, 1600A
14		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749709	245KV, 1600A
15		CB_220KV	SIEMENS	40840	420KV, 3150A
16	215 Bay	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-24	245KV, 1600A
17		ISOLATOR_220KV_89L	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-73	245KV, 1600A
18		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-66	245KV, 1600A
19		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-443	245KV, 1600A
20		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160109	216KV
21		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160110	216KV
22		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160111	216KV
23		CVT_220KV_R Phase	GE T&D INDIA LIMITED	37992038812	420KV, 4400pF
24		CVT_220KV_Y Phase	GE T&D INDIA LIMITED	37992038811	420KV, 4400pF
25		CVT_220KV_B Phase	GE T&D INDIA LIMITED	37992038993	420KV, 4400pF
26		WT_220KV_R Phase	GE T&D INDIA LIMITED	37993013724	3150A, 0.5mH
27		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749716	245KV, 1600A
28		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749703	245KV, 1600A
29		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749695	245KV, 1600A
30		CB_220KV	SIEMENS	40844	420KV, 3150A
31	217 Bay	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-13	245KV, 1600A
32		ISOLATOR_220KV_89L	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-71	245KV, 1600A
33		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-64	245KV, 1600A
34		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-39	245KV, 1600A
35		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160076	216KV
36		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160077	216KV
37		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160078	216KV
38		CVT_220KV_R Phase	GE T&D INDIA LIMITED	37992038874	420KV, 4400pF
39		CVT_220KV_Y Phase	GE T&D INDIA LIMITED	37992039015	420KV, 4400pF
40		CVT_220KV_B Phase	GE T&D INDIA LIMITED	37992038990	420KV, 4400pF
41		WT_220KV_R Phase	GE T&D INDIA LIMITED	37993013727	3150A, 0.5mH
42		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749732	245KV, 1600A
43		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749713	245KV, 1600A
44		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749708	245KV, 1600A
45		CB_220KV	SIEMENS	40842	420KV, 3150A
46	219 Bay	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-14	245KV, 1600A
47		ISOLATOR_220KV_89L	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-70	245KV, 1600A
48		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-65	245KV, 1600A
49		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-42	245KV, 1600A
50		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160108	216KV
51		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160107	216KV
52		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160106	216KV
53		CVT_220KV_R Phase	GE T&D INDIA LIMITED	37992038916	420KV, 4400pF
54		CVT_220KV_Y Phase	GE T&D INDIA LIMITED	37992038917	420KV, 4400pF
55		CVT_220KV_B Phase	GE T&D INDIA LIMITED	37992038918	420KV, 4400pF
56		WT_220KV_R Phase	GE T&D INDIA LIMITED	37993013734	3150A, 0.5mH
57		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749706	245KV, 1600A
58		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749735	245KV, 1600A
59		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749715	245KV, 1600A
60		CB_220KV	SIEMENS	40845	420KV, 3150A
61	221 Bay	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-08	245KV, 1600A
62		ISOLATOR_220KV_89L	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-82	245KV, 1600A
63		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-61	245KV, 1600A
64		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-40	245KV, 1600A
65		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160102	216KV
66		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160100	216KV
67		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160101	216KV
68		CVT_220KV_R Phase	GE T&D INDIA LIMITED	37992039005	420KV, 4400pF
69		CVT_220KV_Y Phase	GE T&D INDIA LIMITED	37992039006	420KV, 4400pF
70		CVT_220KV_B Phase	GE T&D INDIA LIMITED	37992039007	420KV, 4400pF
71		WT_220KV_R Phase	GE T&D INDIA LIMITED	37993013731	3150A, 0.5mH
72		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749710	245KV, 1600A
73		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749700	245KV, 1600A
74		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749702	245KV, 1600A
75		CB_220KV	SIEMENS	40841	420KV, 3150A

400/220kV Ananthapuram Pooling Station (ICT-6&7,220kV Section-2&3 Bays)(213-230)					
Sl No	Bay No	Equipment	Make	Serial No	Rating
76	225 Bay	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-18	245KV, 1600A
77		ISOLATOR_220KV_89L	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-88	245KV, 1600A
78		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-62	245KV, 1600A
79		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-24	245KV, 1600A
80		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160117	216KV
81		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160116	216KV
82		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160115	216KV
83		CVT_220KV_R Phase	GE T&D INDIA LIMITED	37992039002	420KV, 4400pF
84		CVT_220KV_Y Phase	GE T&D INDIA LIMITED	37992038880	420KV, 4400pF
85		CVT_220KV_B Phase	GE T&D INDIA LIMITED	37992038881	420KV, 4400pF
86		WT_220KV_R Phase	GE T&D INDIA LIMITED	37993013730	3150A, 0.5mH
87		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749750	245KV, 1600A
88		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749730	245KV, 1600A
89		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749734	245KV, 1600A
90		CB_220KV	SIEMENS	40839	420KV, 3150A
91	227 Bay	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-17	245KV, 1600A
92		ISOLATOR_220KV_89L	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-86	245KV, 1600A
93		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-48	245KV, 1600A
94		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-07	245KV, 1600A
95		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160067	216KV
96		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160068	216KV
97		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160069	216KV
98		CVT_220KV_R Phase	GE T&D INDIA LIMITED	37992039022	420KV, 4400pF
99		CVT_220KV_Y Phase	GE T&D INDIA LIMITED	37992039023	420KV, 4400pF
100		CVT_220KV_B Phase	GE T&D INDIA LIMITED	37992039024	420KV, 4400pF
101		WT_220KV_R Phase	GE T&D INDIA LIMITED	37993013728	3150A, 0.5mH
102		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749719	245KV, 1600A
103		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749701	245KV, 1600A
104		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749707	245KV, 1600A
105		CB_220KV	SIEMENS	40843	420KV, 3150A
106	214 Bay	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-25	245KV, 1600A
107		ISOLATOR_220KV_89T	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-93	245KV, 1600A
108		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-51	245KV, 1600A
109		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-38	245KV, 1600A
110		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160061	216KV
111		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160062	216KV
112		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160063	216KV
113		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749699	245KV, 1600A
114		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749718	245KV, 1600A
115		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749738	245KV, 1600A
116		CB_220KV	SIEMENS	40838	420KV, 3150A
117	216 Bay	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-26	245KV, 1600A
118		ISOLATOR_220KV_89T	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-92	245KV, 1600A
119		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-49	245KV, 1600A
120		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-37	245KV, 1600A
121		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160064	216KV
122		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160065	216KV
123		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160066	216KV
124		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749749	245KV, 1600A
125		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749746	245KV, 1600A
126		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749705	245KV, 1600A
127		CB_220KV	SIEMENS	40849	420KV, 3150A
128	BUS COUPLER-2 BAY (218)	ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-84	245KV, 3150A
129		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-95	245KV, 3150A
130		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749765	245KV, 2500A
131		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749764	245KV, 2500A
132		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749763	245KV, 2500A
133		CB_220KV	SIEMENS	40852	420KV, 3150A
134	220 Bay	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-16	245KV, 1600A
135		ISOLATOR_220KV_89T	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-85	245KV, 1600A
136		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-46	245KV, 1600A
137		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-41	245KV, 1600A
138		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160070	216KV
139		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160071	216KV
140		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160072	216KV
141		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749739	245KV, 1600A
142		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749744	245KV, 1600A
143		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749741	245KV, 1600A
144		CB_220KV	SIEMENS	40851	420KV, 3150A
145	TRANSFER BUS COUPLER-2 BAY (222)	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-89	245KV, 1600A
146		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-63	245KV, 1600A
147		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-27	245KV, 1600A
148		CB_220KV	SIEMENS	40850	420KV, 3150A
149		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749758	245KV, 1600A
150		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749759	245KV, 1600A
151		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749731	245KV, 1600A
152	220KV BUS SECTIONALISER-2B (223)	ISOLATOR_220KV_89A	SWITCHGEAR & STRUCTIRALS PRIVATE LIMITED, HYD	1981-212-02	245KV, 4000A
153		ISOLATOR_220KV_89B	SWITCHGEAR & STRUCTIRALS PRIVATE LIMITED, HYD	1981-212-01	245KV, 4000A
154		CB_220KV	SIEMENS	40865	420KV, 4000A
155		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749760	245KV, 3150A
156		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749761	245KV, 3150A
157		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749768	245KV, 3150A
158		CVT_220KV_R_Phase	GE T&D INDIA LIMITED	37992038807	420KV, 4400pF
159		CVT_220KV_Y_Phase	GE T&D INDIA LIMITED	37992038809	420KV, 4400pF

400/220kV Ananthapuram Pooling Station (ICT-6&7,220kV Section-2&3 Bays)(213-230)					
Sl No	**Bay No**	**Equipment**	**Make**	**Serial No**	**Rating**
160		CVT_220KV_B_Phase	GE T&D INDIA LIMITED	37992038810	420KV, 4400pF
161	220KV BUS SECTIONALISER-2A (224)	ISOLATOR_220KV_89A	SWITCHGEAR & STRUCTIRALS PRIVATE LIMITED, HYD	1981-212-05	245KV, 4000A
162		ISOLATOR_220KV_89B	SWITCHGEAR & STRUCTIRALS PRIVATE LIMITED, HYD	1981-212-06	245KV, 4000A
163		CB_220KV	SIEMENS	40823	420KV, 4000A
164		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749762	245KV, 3150A
165		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749766	245KV, 3150A
166		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749767	245KV, 3150A
167		CVT_220KV_R_Phase	GE T&D INDIA LIMITED	37992038870	420KV, 4400pF
168		CVT_220KV_Y_Phase	GE T&D INDIA LIMITED	37992038871	420KV, 4400pF
169		CVT_220KV_B_Phase	GE T&D INDIA LIMITED	37992038872	420KV, 4400pF
170	226 Bay	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-15	245KV, 1600A
171		ISOLATOR_220KV_89T	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-76	245KV, 1600A
172		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-54	245KV, 1600A
173		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-28	245KV, 1600A
174		LA_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160082	216KV
175		LA_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160083	216KV
176		LA_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	401160084	216KV
177		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749757	245KV, 1600A
178		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749726	245KV, 1600A
179		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749736	245KV, 1600A
180		CB_220KV	SIEMENS	40853	420KV, 3150A
181	TRANSFER BUSCOUPLER-3 BAY (228)	ISOLATOR_220KV_89C	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-83	245KV, 1600A
182		ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-212-47	245KV, 1600A
183		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-214-22	245KV, 1600A
184		CB_220KV	SIEMENS	40854	420KV, 3150A
185		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749743	245KV, 1600A
186		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749740	245KV, 1600A
187		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749752	245KV, 1600A
188	BUS COUPLER-3 BAY (230)	ISOLATOR_220KV_89A	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-77	245KV, 3150A
189		ISOLATOR_220KV_89B	SWITCHGEAR MANUFACTURING PRIVATE LIMITED	576-213-94	245KV, 3150A
190		CT_220KV_R Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749769	245KV, 2500A
191		CT_220KV_Y Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749771	245KV, 2500A
192		CT_220KV_B Phase	CG POWER & INDUSTRIAL SOLUTIONS LIMITED	749774	245KV, 2500A
193		CB_220KV	SIEMENS	40855	420KV, 3150A
194	220KV BUS SECTIONALISER-IB (211)	ISOLATOR_220KV_89B	SWITCHGEAR & STRUCTIRALS PRIVATE LIMITED, HYD	1981-212-03	245KV, 4000A
195	220KV BUS SECTIONALISER-IA (212)	ISOLATOR_220KV_89B	SWITCHGEAR & STRUCTIRALS PRIVATE LIMITED, HYD	1981-212-04	245KV, 4000A
196	400/220KV ICT#6	ICT	BHEL	6008281	400/220KV, 500MVA
197	400/220KV ICT#7	ICT	BHEL	6008282	400/220KV, 500MVA

List of Equipment for 400/220 KV Anantapuram Pooling Station (419, 422, 423, 424 Future, 425, 426, 427 Future)						
Sl. No.	**Equipment Name**	**Make**	**Rating / Capacity**	**Year of Mfg**	**Serial No.**	**Installed Location**
1	Lightning Arrestor	M/s- OBLUM ELECTRICAL INDUSTRIES SOLUTIONS LTD	Total Qty- 9 Nos 336 kV, 20 kA	2025	R Phase-747	419 -ABC Line Bay
					Y Phase-746	
					B Phase-745	
					R Phase-750	422-ReNew Vikram Shakti Line 1 Bay
					Y Phase-749	
					B Phase-748	
					R Phase-753	422-ReNew Vikram Shakti Line 2 Bay
					Y Phase-752	
					B Phase-751	
2	Capacitive Voltage Transformer	M/s- SIEMENS ENERGY	Total Qty Protection :- 09 Nos 400kV/√3/110V-√3/110-√3/110V	2025	R Phase-4CV4285	419 -ABC Line Bay
					Y Phase-4CV4284	
					B Phase-4CV4283	
					R Phase-4CV4288	422-ReNew Vikram Shakti Line 1 Bay
					Y Phase-4CV4287	
					B Phase-4CV4386	
					R Phase-4CV4291	422-ReNew Vikram Shakti Line 2 Bay
					Y Phase-4CV4290	
					B Phase-4CV4289	
3	Current Transformer	M/s- Mehru Electrical & Mechanical Engineers Pvt. Ltd	Total Qty - 15 Nos 420 kv, 63kA for 1 Sec 500-2000-3000/1A (6 Core)	2026	R Phase-OC-15637/1/7/26	419 -ABC Line Bay
					Y Phase-OC-15637/1/8/26	
					B Phase-OC-15637/1/9/26	
					R Phase-OC-15637/1/4/26	422-ReNew Vikram Shakti Line 1 Bay
					Y Phase-OC-15637/1/5/26	
					B Phase-OC-15637/1/6/26	
					R Phase-OC-15637/1/1/26	425 -ReNew Vikram Shakti Line 2 Bay
					Y Phase-OC-15637/1/2/26	
					B Phase-OC-15637/1/3/26	
					R Phase-OC-15637/1/13/26	423- Tie Bay
					Y Phase-OC-15637/1/14/26	
					B Phase-OC-15637/1/15/26	
					R Phase-OC-15637/1/10/26	426- Tie Bay
					Y Phase-OC-15637/1/11/26	
					B Phase-OC-15637/1/12/26	
4	Wave Trap	M/s Quality Power Electrical Equipments Pvt. Ltd.	Total No. of WT : 06Nos 400 KV,3150A, 63kA, 0.5 mH	2025	R- 6130/7295 LT	419 -ABC Line Bay
					B- 6130/ 7296 LT	
					R- 6130/7297 LT	422-ReNew Vikram Shakti Line 1 Bay
					B- 6130/ 7298 LT	
					R - 6130/7299 LT	422-ReNew Vikram Shakti Line 2 Bay
					B - 6130/7300 LT	

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List of Equipment for 400/220 KV Anantapuram Pooling Station (419, 422, 423, 424 Future, 425, 426, 427 Future)						
Sl. No.	**Equipment Name**	**Make**	**Rating / Capacity**	**Year of Mfg**	**Serial No.**	**Installed Location**
5	Circuit Breaker	M/s SIEMENS ENERGY	Total 5 Sets 420 KV, 4000A, 63kA, 3 Sec	2025	12/2025/46768	419 - ABC Line Bay
					12/2025/46769	422-ReNew Vikram Shakti Line 1 Bay
					12/2025/46771	422-ReNew Vikram Shakti Line 2 Bay
					12/2025/46770	423- Tie Bay
					12/2025/46771	426- Tie Bay
6	Isolator with Single Earth Switch	M/S S&S Power	Total 15 Set 420KV,3150A, 63kA/1S 3 Pole Double Break Disconnector with Single Earth Switch	2025	419 - 89L 419 - 89LE R001 DEE - 001RE Y001 DEE - 001YE B001 DEE - 001BE	419 ABC Line Bay
					419 - 89A 419 - 89AE R006 DEE - 006RE Y006 DEE - 006YE B006 DEE - 006BE	
					419 - 89B 419 - 89BE R007 DEE - 007RE Y007 DEE - 007YE B007 DEE - 007BE	
					422 - 89L 422 - 89LE R002 DEE - 002RE Y002 DEE - 002YE B002 DEE - 002BE	422 ReNew Vikram Shakti Line 1
					422 - 89A 422 - 89AE R008 DEE - 008RE Y008 DEE - 008YE B008 DEE - 008BE	
					422 - 89B 422 - 89BE R009 DEE - 009RE Y009 DEE - 009YE B009 DEE - 009BE	
					423 - 89A 423 - 89AE R011 DEE - 011RE Y011 DEE - 011YE B011 DEE - 011BE	423 Tie Bay
					423 - 89B 232 - 89BE R013 DEE - 013RE Y013 DEE - 013YE B013 DEE - 013BE	

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List of Equipment for 400/220 KV Anantapuram Pooling Station (419, 422, 423, 424 Future, 425, 426, 427 Future)						
Sl. No.	**Equipment Name**	**Make**	**Rating / Capacity**	**Year of Mfg**	**Serial No.**	**Installed Location**
6	Isolator with Single Earth Switch	M/S S&S Power	Total 15 Set 420KV,3150A, 63kA/1S 3 Pole Double Break Disconnector with Single Earth Switch		424 - 89A 424 - 89AE R005 DEE - 005RE Y005 DEE - 005YE B005 DEE - 005BE	424 Future ICT Bay
					425 - 89L 425 - 89LE R003 DEE - 003RE Y003 DEE - 003YE B003 DEE - 003BE	425 ReNew Vikram Shakti Line 2
					425 - 89A 425 - 89AE R004 DEE - 004RE Y004 DEE - 004YE B004 DEE - 004BE	
					425 - 89B 425 - 89BE R010 DEE - 010RE Y010 DEE - 010YE B010 DEE - 010BE	
					426 - 89A 426 - 89AE R012 DEE - 012RE Y012 DEE - 012YE B012 DEE - 021BE	426 Tie Bay
					426 - 89B 426 - 89BE R014 DEE - 014RE Y014 DEE - 014YE B014 DEE - 014BE	
					427 - 89A 427 - 89AE R015 DEE - 015RE Y015 DEE - 015YE B015 DEE- 015BE	427 Future ICT Bay

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List of Equipment for 400/220 KV Anantapuram Pooling Station (419, 422, 423, 424 Future, 425, 426, 427 Future)						
Sl. No.	**Equipment Name**	**Make**	**Rating / Capacity**	**Year of Mfg**	**Serial No.**	**Installed Location**
400kV AIS EQUIPMENT'S						
1	Lightning Arrestor	M/s- OBLUM ELECTRICAL INDUSTRIES SOLUTIONS LTD	Total Qty- 9 Nos 336 kV, 20 kA	2025	R Phase-747	419 -ABC Line Bay
					Y Phase-746	
					B Phase-745	
					R Phase-750	422-ReNew Vikram Shakti Line 1 Bay
					Y Phase-749	
					B Phase-748	
					R Phase-753	425-ReNew Vikram Shakti Line 2 Bay
					Y Phase-752	
					B Phase-751	
2	Capacitive Voltage Transformer (Protection)	M/s- SIEMENS ENERGY	Total Qty Protection :- 09 Nos 400kV/√3/110V-√3/110-√3/110V	2025	R Phase-4CV4285	419 -ABC Line Bay
					Y Phase-4CV4284	
					B Phase-4CV4283	
					R Phase-4CV4288	422-ReNew Vikram Shakti Line 1 Bay
					Y Phase-4CV4287	
					B Phase-4CV4386	
					R Phase-4CV4291	425-ReNew Vikram Shakti Line 2 Bay
					Y Phase-4CV4290	
					B Phase-4CV4289	
3	Current Transformer (Metering)	M/s- Mehru Electrical & Mechanical Engineers Pvt. Ltd	Total Qty - 15 Nos 420 kv, 63kA for 1 Sec 500-2000-3000/1A (6 Core)	2026	R Phase-OC-15637/1/7/26	419 -ABC Line Bay
					Y Phase-OC-15637/1/8/26	
					B Phase-OC-15637/1/9/26	
					R Phase-OC-15637/1/4/26	422-ReNew Vikram Shakti Line 1 Bay
					Y Phase-OC-15637/1/5/26	
					B Phase-OC-15637/1/6/26	
					R Phase-OC-15637/1/1/26	425 -ReNew Vikram Shakti Line 2 Bay
					Y Phase-OC-15637/1/2/26	
					B Phase-OC-15637/1/3/26	
					R Phase-OC-15637/1/13/26	423- Tie Bay
					Y Phase-OC-15637/1/14/26	
					B Phase-OC-15637/1/15/26	
					R Phase-OC-15637/1/10/26	426- Tie Bay
					Y Phase-OC-15637/1/11/26	
					B Phase-OC-15637/1/12/26	
4	Wave Trap	M/s Quality Power Electrical Equipments Pvt. Ltd.	Total No. of WT : 06Nos 400 KV,3150A, 63kA, 0.5 mH	2025	R- 6130/7295 LT	419 -ABC Line Bay
					B- 6130/ 7296 LT	
					R- 6130/7297 LT	422-ReNew Vikram Shakti Line 1 Bay
					B- 6130/ 7298 LT	
					R - 6130/7299 LT	425-ReNew Vikram Shakti Line 2 Bay
					B - 6130/7300 LT	

List of Equipment for 400/220 KV Anantapuram Pooling Station (419, 422, 423, 424 Future, 425, 426, 427 Future)						
Sl. No.	**Equipment Name**	**Make**	**Rating / Capacity**	**Year of Mfg**	**Serial No.**	**Installed Location**
5	Circuit Breaker	M/s SIEMENS ENERGY	Total 5 Sets 420 KV, 4000A, 63kA, 3 Sec	2025	12/2025/46768	419 -ABC Line Bay
					12/2025/46769	422-ReNew Vikram Shakti Line 1 Bay
					12/2025/46771	425-ReNew Vikram Shakti Line 2 Bay
					12/2025/46770	423- Tie Bay
					12/2025/46771	426- Tie Bay
6	Isolator with Single Earth Switch	M/S S&S Power	Total 15 Set 420KV,3150A, 63kA/1S 3 Pole Double Break Disconnector with Single Earth Switch	2025	419 - 89L 419 - 89LE R001 DEE - 001RE Y001 DEE - 001YE B001 DEE - 001BE	419 ABC Line Bay
					419 - 89A 419 - 89AE R006 DEE - 006RE Y006 DEE - 006YE B006 DEE - 006BE	
					419 - 89B 419 - 89BE R007 DEE - 007RE Y007 DEE - 007YE B007 DEE - 007BE	
					422 - 89L 422 - 89LE R002 DEE - 002RE Y002 DEE - 002YE B002 DEE - 002BE	422 ReNew Vikram Shakti Line 1
					422 - 89A 422 - 89AE R008 DEE - 008RE Y008 DEE - 008YE B008 DEE - 008BE	
					422 - 89B 422 - 89BE R009 DEE - 009RE Y009 DEE - 009YE B009 DEE - 009BE	
					423 - 89A 423 - 89AE R011 DEE - 011RE Y011 DEE - 011YE B011 DEE - 011BE	423 Tie Bay
					423 - 89B 232 - 89BE R013 DEE - 013RE Y013 DEE - 013YE B013 DEE - 013BE	

List of Equipment for 400/220 KV Anantapuram Pooling Station (419, 422, 423, 424 Future, 425, 426, 427 Future)						
Sl. No.	**Equipment Name**	**Make**	**Rating / Capacity**	**Year of Mfg**	**Serial No.**	**Installed Location**
6	Isolator with Single Earth Switch	M/S S&S Power	Total 15 Set 420KV,3150A, 63kA/1S 3 Pole Double Break Disconnector with Single Earth Switch	2025	424 - 89A 424 - 89AE R005 DEE - 005RE Y005 DEE - 005YE B005 DEE - 005BE	424 Future ICT Bay
					425 - 89L 425 - 89LE R003 DEE - 003RE Y003 DEE - 003YE B003 DEE - 003BE	425 ReNew Vikram Shakti Line 2
					425 - 89A 425 - 89AE R004 DEE - 004RE Y004 DEE - 004YE B004 DEE - 004BE	
					425 - 89B 425 - 89BE R010 DEE - 010RE Y010 DEE - 010YE B010 DEE - 010BE	
					426 - 89A 426 - 89AE R012 DEE - 012RE Y012 DEE - 012YE B012 DEE - 021BE	426 Tie Bay
					426 - 89B 426 - 89BE R014 DEE - 014RE Y014 DEE - 014YE B014 DEE - 014BE	
					427 - 89A 427 - 89AE R015 DEE - 015RE Y015 DEE - 015YE B015 DEE- 015BE	427 Future ICT Bay

Project A9: Ananthapuram Kurnool TBCB Transmission System Project

[Formerly this project was entrusted to POWERGRID's Project SPV namely **"POWERGRID ANANTHAPURAM KURNOOL Transmission Limited"**, which is amalgamated with POWERGRID Khavda II-C Transmission Limited w.e.f. 1st March 2026 as per MCA order No. 24/7/2024-सीएल-III dated 27.01.2026.]

Certificate as per CERC (Indian Electricity Grid Code) Regulations 2023 (For Inter State Transmission System)

It is to certify that the following assets under **"Implementation of 03 Nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects"** conform to the CEA Technical Standards for Construction, CEA Technical Standards for Connectivity, CEA Technical Standards for Communication, Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations, 2023 and CERC (Indian Electricity Grid Code) Regulations 2023, and are capable of operation to their full capacity as per details below:

S.No	Name of Assets	Date
1	2 nos. of 400kV line bays at Ananthapuram PS for Connectivity to M/s Renew Vikram Shakti Pvt. Ltd	31.05.2026
2	1 no. of 400kV line bay at Ananthapuram PS for Connectivity to M/s ABC Cleantech Pvt. Ltd.	07.06.2026

(G. Ravisankar)
Chairman

BIPIN BIHARI RATH
Digitally signed by BIPIN BIHARI RATH
Date: 2026.09.04 17:43:45 +05'30'

Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 27th October, 2025
Time of Issue: 1430 hours IST

Subject: (i) The Cyclonic Storm "Montha" over southwest & adjoining westcentral Bay of Bengal likely to intensify into a severe cyclonic storm by morning of 28th October and cross Andhra Pradesh coast between Machilipatnam and Kalingapatnam around Kakinada during evening/night of 28th October as a severe cyclonic storm with a maximum sustained wind speed of 90- 100 kmph gusting to 110 kmph.
(ii) Depression over eastcentral Arabian Sea.
(iii) Under the influences of above systems, isolated extremely heavy rainfall over Coastal Andhra Pradesh during 27th to 29th; Saurashtra & Kutch on 27th; Odisha on 28th & 29th and Chhattisgarh on 28th October, 2025.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 27th October, 2025:

- **Extremely heavy rainfall has been recorded at isolated places over** Saurashtra & Kutch
- **Heavy to very heavy rainfall (7-20 cm)** has been recorded at isolated places over Gujarat Region, Konkan & Goa, Coastal Karnataka.
- **Heavy rainfall (7- 11 cm)** has been recorded at isolated places over Kerala, Coastal Andhra Pradesh & Yanam, Madhya Maharashtra, East Rajasthan, Lakshadweep.

For more details of realised weather, kindly refer ANNEXURE I.

Weather Systems, Forecast and Warnings (refer to ANNEXURE II & III):

- The **Cyclonic Storm "Montha"** [Pronunciation: Mon-Tha] over Southwest & adjoining areas of Westcentral and Southeast Bay of Bengal moved north-northwestwards with a speed of 18 kmph during past 6 hours and lay centered at 0830 hrs IST of today, the 27th October 2025, over Southwest & adjoining Westcentral Bay of Bengal, near latitude 12.6°N & longitude 85.0°E, about 520 km east-southeast of Chennai (Tamil Nadu), 570 km south-southeast of Kakinada (Andhra Pradesh), 600 km south-southeast of Visakhapatnam (Andhra Pradesh), 750 km south of Gopalpur (Odisha) and 850 km west of Port Blair (Andaman & Nicobar Islands). It is likely to move north-northwestwards and intensify into a severe cyclonic storm by morning of 28th October. Continuing to move further north-northwestwards, it is very likely to cross Andhra Pradesh coast between Machilipatnam and Kalingapatnam around Kakinada during evening/night of 28th October as a severe cyclonic storm with a maximum sustained wind speed of 90- 100 kmph gusting to 110 kmph.
- The **Depression** over eastcentral Arabian Sea moved north-northeastwards with a speed of 20 kmph during past 6 hours and lay centered at 0830 hrs IST of today, the 27th October 2025, over the same region, near latitude 16.4°N & longitude 66.9°E, about 700 km west-southwest of Mumbai (Maharashtra), 750 km west of Panjim (Goa), 860 km northwest of Aminidivi (Lakshadweep) and

about 940 km west-northwest of Mangalore (Karnataka). It is likely to move nearly north-northeastwards across Eastcentral Arabian Sea during next 48 hours.

- An **upper air cyclonic circulation** lies over north Haryana & neighbourhood in lower tropospheric levels.
- A **trough** runs from the upper air cyclonic circulation associated with Depression over east central Arabian sea to West Madhya Pradesh across northeast Arabian sea and south Gujarat region in lower tropospheric levels.

Under the influence of these systems, the following weather is likely:

South Peninsular India:

- Light to moderate rainfall/thunderstorm at most/many places with isolated **heavy rainfall over** Coastal Karnataka, north interior Karnataka, Rayalaseema, Tamilnadu, Kerala & Mahe on 27th & 28th**;** Telangana during 27th-29th, South Interior Karnataka and Lakshadweep on 27th October with isolated **very heavy rainfall** over Kerala & Mahe and Coastal Karnataka on 27th, Tamil Nadu and Rayalaseema on 27th & 28th, Telangana on 28th & 29th October.
- **Extremely heavy rainfall (≥21 cm)** likely at isolated places over Coastal Andhra Pradesh & Yanam during 27th -29th October.
- Thunderstorm with lightning & gusty winds (speed reaching 30-40 kmph) likely over Tamil Nadu, Kerala & Mahe , Lakshadweep, Interior Karnataka and Rayalaseema on 27th & 28th October; Coastal Andhra Pradesh & Yanam and Rayalaseema during next 5 days.

East & Central India:

- Light to moderate rain/thunderstorm at some/isolated places with isolated **heavy rainfall** over West Madhya Pradesh on 27th & 30th ; East Madhya Pradesh on 29th & 30th; Vidarbha during 28th -30th; Andaman & Nicobar Islands on 27th ; Chhattisgarh and Odisha during 27th- 30th; Sub-Himalayan West Bengal & Sikkim on 30th -31st , Gangetic West Bengal and Jharkhand during 28th-31st; Bihar during 29th -31st October with isolated **very heavy rainfall** over Odisha during 27th ; Vidarbha and Chhattisgarh on 29th ; Sub-Himalayan West Bengal & Sikkim on 31st ; Bihar on 30th & 31st ; Jharkhand on 30th October.
- **Extremely heavy rainfall (≥21 cm)** likely at isolated places over south Odisha on 28th & 29th; Chhattisgarh on 28th October.
- Thunderstorm with lightning and gusty winds (speed reaching 30-40 kmph) likely during next 5 days over the region.
- **Thundersquall wind speed reaching 60-70 kmph likely over Chhattisgarh on 28th; with wind speed reaching 50-60 kmph on 29th October.**

West India:

- Light to moderate rain/thunderstorm at many/some places with isolated **heavy rainfall** over south Konkan & Goa during 27th-29th; Madhya Maharashtra on 28th & 29th; Gujarat State during 27th-31st October with isolated **very heavy rainfall** over Gujarat Region on 27th & 31st; Saurashtra & Kutch during 29th -31st October.
- **Extremely heavy rainfall (≥21 cm)** likely at isolated places over Saurashtra & Kutch on 27th October.
- Thunderstorm with lightning and gusty winds (speed reaching 30-40 kmph) likely over Gujarat State during next 5 days.
- Thunderstorm with lightning over Maharashtra during next 4 days.

Northeast India:

- Light to moderate rain/thunderstorm at many/some places with isolated **heavy rainfall** over Arunachal Pradesh, Assam & Meghalaya during 30th October – 02nd November; Nagaland, Manipur, Mizoram & Tripura during 31st October – 02nd November with isolated **very heavy rainfall** over Assam & Meghalaya on 31st October & 01st November.
- Thunderstorm with lightning and gusty winds (speed reaching 30-40 kmph) over Northeast India during 29th -31st October.

Northwest India:

- Light to moderate rain/thunderstorm at isolated places with isolated **heavy rainfall** likely over East Rajasthan on 27th & 28th; East Uttar Pradesh on 30th October with isolated **very heavy rainfall** over East Rajasthan on 27th October.
- Thunderstorm with lightning and gusty winds (speed reaching 30-40 kmph) likely over West Uttar Pradesh on 30th; with thunderstorm with lightning East Uttar Pradesh on 29th & 31st; Rajasthan during next 3 days.

Warning for Southeast Bay of Bengal

(i) Wind warning (Graphics Enclosed):

- Gale wind speed reaching 70-80 kmph gusting to 90 kmph is prevailing over southwest & adjoining areas of Westcentral Bay of Bengal. Thereafter, winds would increase becoming 80-90 kmph gusting to 100 kmph over westcentral from 27th October evening and would further increase to 90 to 100 kmph from 28th October morning. The squally wind speed reaching adjoining northwest Bay of Bengal 30-40 kmph gusting to 50 kmph is prevailing over adjoining areas of northwest Bay of Bengal and likely to increase becoming gale wind speed reaching 60-70 kmph gusting to 80 kmph over the same region from evening of 28th morning till 29th morning and decrease gradually squally wind speed reaching 35-45 kmph gusting to 55 kmph on 30th October morning.
- **Along & Off Andhra Pradesh & Yanam Coasts:** Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph is prevailing along & off Andhra Pradesh & Yanam (of Puducherry) coasts, becoming gale wind speed reaching 60-70 kmph gusting to 80 kmph from 28th morning, 90-100 kmph gusting to 110kmph from 28th evening to early hours of 29th October. It would decrease gradually to 60-70kmph gusting to 80 kmph by 29th October noon, along and off North Andhra Pradesh and Yanam coasts. The winds would be squally wind speed reaching 45-55 kmph gusting 65 kmph by 29th October evening and decrease gradually thereafter over the region.

- **Along & Off Tamil Nadu & Puducherry Coasts:** Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail along & off Tamil Nadu - Puducherry coast on 27th and becoming 45-55 kmph gusting to 65 kmph by 27th morning to 28th October morning. It would decease gradually thereafter.

- **Along & Off Odisha Coast:** Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is prevailing along & off south Odisha coast, It is likely to increase becoming 45-55 kmph gusting to 65 kmph from 27th evening, becoming gale wind speed reaching, 60-70 kmph gusting to 80 kmph from 28th evening to early hours of 29th October early hours. It would be squally wind speed reaching 45-55 kmph gusting to 65 kmph along and off south Odisha coast till 29th October evening and decrease gradually thereafter. Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail along and off north Odisha coast from 28th evening to early hours of 29th October, 40-50 kmph gusting to 60 kmph till 29th October evening, and decrease gradually thereafter.

- **Along & Off West Bengal coast:** Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely to prevail along & off west Bengal coast from 28th to 29th October.

(ii) Sea conditions (Graphics Enclosed):

- Very rough to High Sea condition is prevailing over southwest and adjoining areas of West central Bay of Bengal.
- Sea condition is very likely to be high to very high over westcentral and adjoining northwest Bay of Bengal from 27th October evening, becoming very high from 28th October morning till 29th early hours. Thereafter, it is likely to improve becoming high to very rough by noon of 29th and becoming very rough to rough during subsequent 12 hours.
- **Along & Off Andhra Pradesh & Yanam Coasts:** Sea condition is very likely to be rough to very rough along & off Andhra Pradesh & Yanam (of Puducherry) coasts till 27th October morning. It would worsen further becoming very rough to high from 28th morning onwards and very high from 28th evening to 29th October early hours. Thereafter, it would improve becoming high till noon of 29th October and very rough to rough during subsequent 12 hours.
- **Along & Off Odisha Coast:** Sea condition is very likely to be rough to very rough along & off Odisha coast till 27th evening. It would worsen further becoming high from 28th morning to till 29th October early hours. It is likely improve gradually becoming very rough to rough during subsequent 12 hours.

- **Along & Off Tamil Nadu & Puducherry Coasts:** Sea condition is very likely to be rough to very rough along & off Tamil Nadu - Puducherry coast till 28th October.

- **Along & Off West Bengal coast:** Sea condition is very likely to be rough along & off West Bengal coasts during 28th-29th October and improve thereafter.

(iii) Storm Surge Warning (Graphics Enclosed):

Strom surge of height about 1 m above astronomical tide is likely to cause inundation over low-lying areas of coastal Andhra Pradesh & Yanam (of Puducherry) around the landfall time.

(v) 24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of tomorrow, the 28th October is enclosed.

(vi) Fishermen Warning (Graphics Enclosed):

Fishermen are advised not to venture into Southwest, adjoining central Bay of Bengal, along & off Tamil Nadu - Andhra Pradesh & Yanam (of Puducherry) coasts till 29th October, along & off Odisha coast till 29th October and along & off West Bengal coast during 28th-29th October. Those out at sea area should return to the coast immediately.

(vii) Impact Expected and Action Suggested due to heavy rain and strong winds (Andhra Pradesh & Yanam of Puducherry [Tirupati, Annamayya, Nellore, YSR Kadapa, Prakasham, Bapatla, Chittor, Nadyal, Palnadu, Guntur, Krishna, East & West Godavari, Konaseema, Kakinada, Anakapalli, Alluri Seetharamaraju, Visakhapatnam, Eluru, Vizianagaram, Srikakulam, Parvathi Puram Manyam**] and South Odisha coasts [** Ganjam, Gajapati, Rayagada, Malkangiri, Koraput, Nawarangpur, Kalahandi, Kandhamal, Nuapada, Boudh **])**

- Major damage to thatched houses/ huts. Roof tops may blow off. Unattached metal sheets may fly.
- Damage to power and communication lines.
- Major damage to Kutcha and some damage to Pucca roads. Flooding of escape routes.
- Breaking of tree branches, uprooting of large avenue trees. Large-scale damage to banana and papaya trees. Large dead limbs blown from trees.
- Damage to paddy crops, horticultural and standing crops and orchards due to inundation & winds.
- Inundation of low-lying areas in coastal districts due to heavy rainfall and flash flood
- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic due to water logging and squally winds
- Localized Landslides/Mudslides It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)
- Damage to embankments/ salt pans.
- Possibility of coastal flooding and coastal erosion is also very likely over coastal districts of north Andhra Pradesh & Yanam.

Action suggested:

- Total suspension of fishing operations.
- Coastal hutment dwellers to be moved to safer places. People in affected areas to remain indoors.
- Movement in motor boats unsafe.
- Judicious regulation of offshore/onshore operations

- ❖ People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- ❖ Take safe shelters; do not take shelter under trees, as there could be lightning.
- ❖ In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.
- ❖ Tourism and recreational activities to be regulated.

Surface transport and helicopter services to be regulated.

Warning for Areas of eastcentral Arabian Sea

(i) Wind warning:

Squally wind with speed reaching 45-55 gusting to 65 kmph prevailing around the system center and continue to prevail over Eastcentral and adjoining Southeast Arabian Sea till 27th October.

Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is very likely to prevail over Lakshadweep & Comorin Area and along & off Karnataka and Kerala coasts till 27th October, and wind speed reaching 35-45 kmph gusting to 55 kmph is very likely to prevail over northeast Arabian Sea and along & off Maharashtra and Gujarat coasts on 27th October. It is likely to increase becoming 45-55 kmph gusting to 65 kmph during 28th to 30th October.

(ii) Sea condition:

Sea Condition is likely to be rough to very rough over Eastcentral and adjoining Southeast Arabian Sea till 27th October.

Sea Condition is likely to be rough over Lakshadweep & Comorin Area and along & off Karnataka and Kerala coasts till 27th October.

Sea Condition is likely to be moderate to rough over northeast Arabian Sea and along & off Maharashtra and Gujarat coasts on 27th October, rough to very rough during 28th to 30th October.

(iii) Fishermen warnings:

Fishermen are advised not to venture into Eastcentral Arabian Sea till 29th, Southeast Arabian Sea till 27th October, Lakshadweep & Comorin Area and along & off Karnataka and Kerala coasts till 27th October, northeast Arabian Sea and along & off Maharashtra and Gujarat coasts till 30th October.

(v) 24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of tomorrow, the 28th October is enclosed.

(vi) Impact Expected and Action Suggested due to heavy rain and strong winds (Kerala, coastal Karnataka, Konkan & Goa and Gujarat state)

Impact expected:

- ❖ Breaking of tree branches. Strong wind and heavy rain may damage plantation, horticulture and standing crops.
- ❖ Minor damage to kutcha houses/walls, huts and roads due to strong winds and heavy rain.
- ❖ Road and rail traffic may be affected due to heavy rain.
- ❖ There could be localised flash floods, landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Surface & Helicopter services may be regulated.
- ❖ Small ships & country boats would be affected due to strong wind and heavy rain.

Action suggested:

- ❖ People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- ❖ Take safe shelters; do not take shelter under trees, as there could be lightning.
- ❖ In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.
- ❖ Tourism and recreational activities to be regulated.
- ❖ Surface transport and helicopter services to be regulated.

ii. Weather conditions and forecast over Delhi/NCR during 27th to 30th October, 2025 (ANNEXURE IV)

For more details, kindly refer National Weather Bulletin:
https://mausam.imd.gov.in/responsive/all_india_forcast_bulletin.php
For District wise warnings refer: https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php
For Fishermen warning refer https://rsmcnewdelhi.imd.gov.in/fishermen-warning.php

ANNEXURE I

Rainfall recorded (in cm) during past 24 hours till 0830 hours IST of today, the 27th October (≥ 7cm):

Saurashtra & Kutch: Rajula (dist Amreli) 22; Diu (dist Diu) 15; Shihor (dist Bhavnagar) 13; Jafrabad (dist Amreli), Una (dist Gir Somnath) 12 Each; Savarkundla (dist Amreli), Vallabhipur (dist Bhavnagar) 9 Each; Palitana (dist Bhavnagar), Sutrapada (dist Gir Somnath), Jesar (dist Bhavnagar) 8 Each; Kodinar (dist Gir Somnath), Gariadhar (dist Bhavnagar) 7 Each;

Gujarat Region: Ukai (dist Surat) 14; Songadh (dist Tapi) 10; Umerpada (dist Surat) 9;

Konkan & Goa: Mormugao - Pmo IMD (dist South Goa), Dabolim N.a.s.- Navy (dist South Goa) 13 Each; Panjim (dist North Goa) 11; Pernem (dist North Goa) 10; Canacona (dist South Goa), Mapusa (dist North Goa) 8 Each;

Madhya Maharashtra: Satna Baglan (dist Nashik) 9; Coastal Andhra Pradesh & Yanam: Prathipadu (dist Kakinada) 8; Lakshadweep: Agathi (dist Lakshadweep) 8;

Coastal Karnataka: Uttara Kannada_Bhatkal_Bailur 12; Uttara Kannada_Bhatkal_Heble-10, Uttara Kannada_Bhatkal_Koppa-9, Uttara Kannada_Bhatkal_Bengre-9; Honavar (dist Uttara Kannada), Kumta (dist Uttara Kannada) 8 Each; Karwar (dist Uttara Kannada) 7;

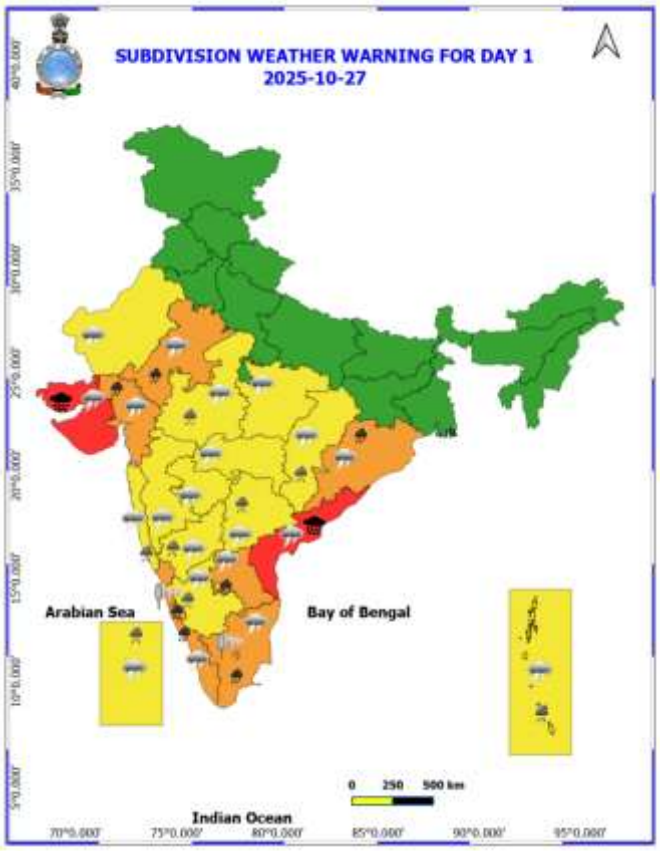
Kerala & Mahe: Tellichery (dist Cannur) 7;

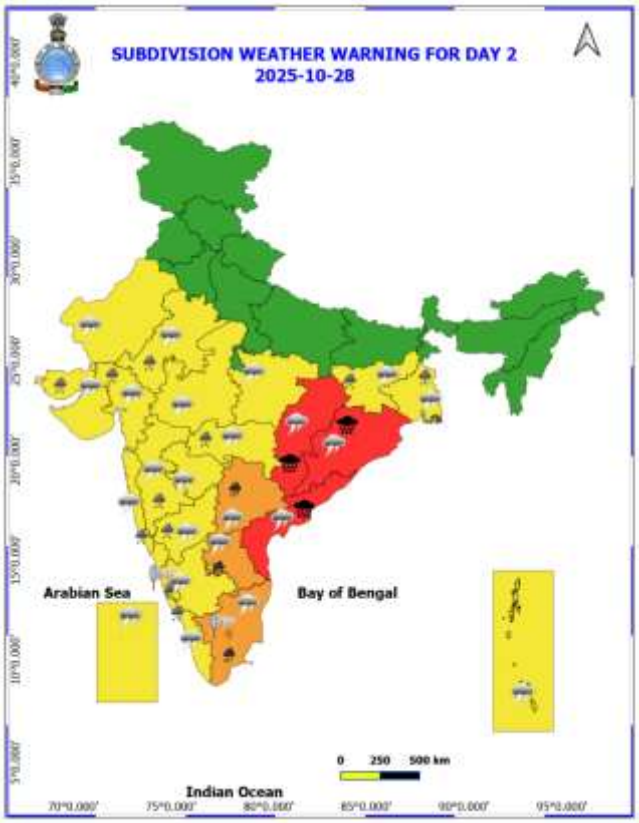
Coastal Andhra Pradesh: Prathipadu (dist Kakinada) 8;

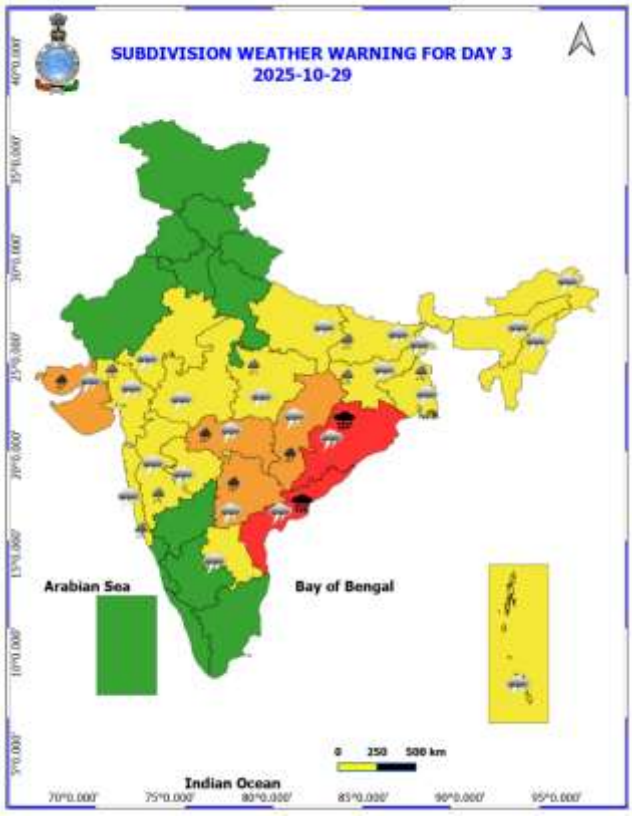
East Rajasthan: Khatoli(KTA): 7.

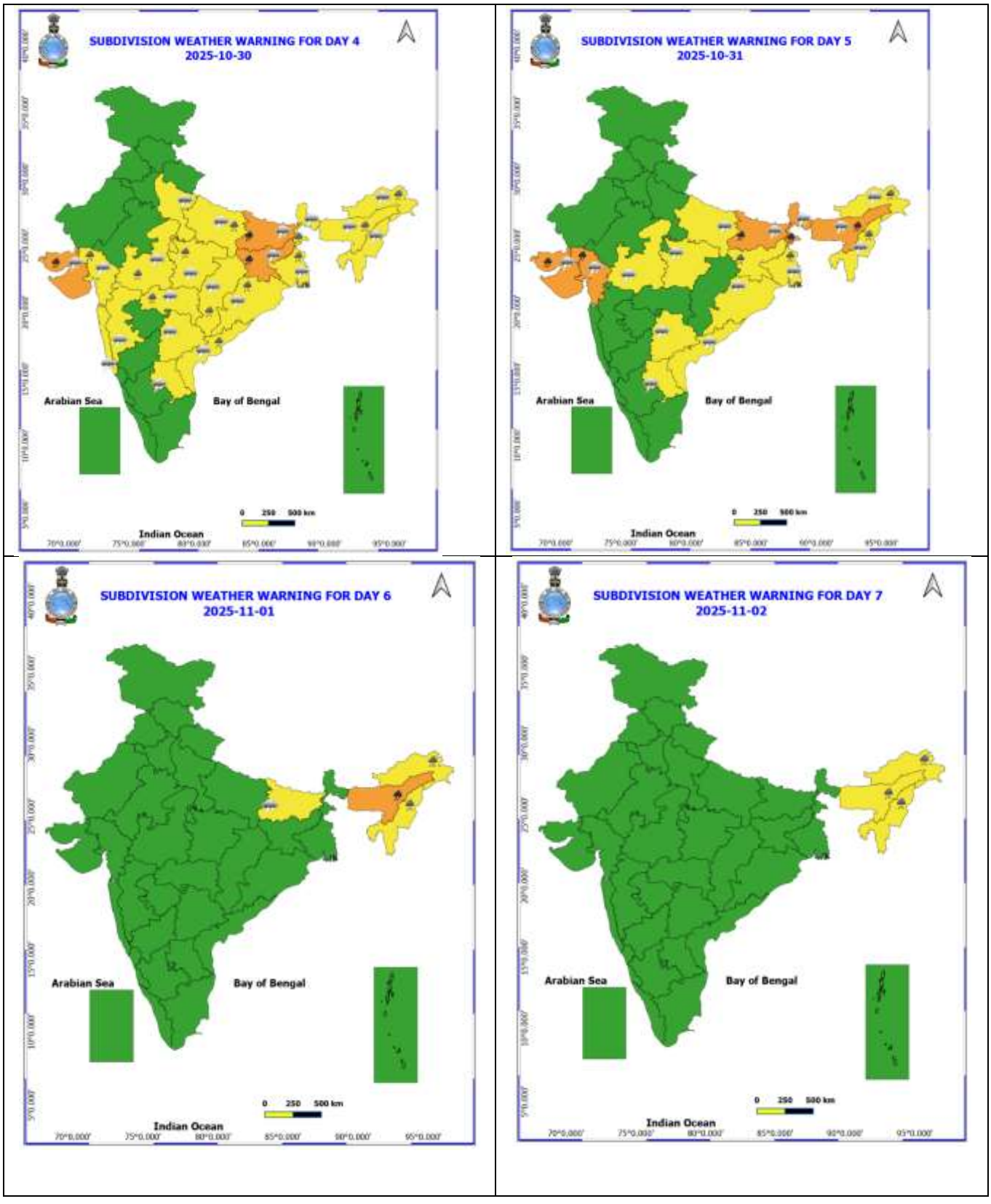
Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	27- Oct	28- Oct	29- Oct	30- Oct	31- Oct	1- Nov	2- Nov
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	[illegible]	FWS	FWS	FWS	FWS	FWS	FWS
2	ARUNACHAL PRADESH	ISOL	ISOL	SCT	SCT	[illegible]	FWS	SCT
3	ASSAM & MEHGHALAYA	ISOL	ISOL	SCT	FWS	[illegible]	[illegible]	FWS
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	ISOL	ISOL	ISOL	SCT	FWS	FWS	FWS
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	DRY	ISOL	SCT	FWS	[illegible]	FWS	ISOL
6	GANGETIC WEST BENGAL	ISOL	SCT	FWS	[illegible]	[illegible]	FWS	ISOL
7	ODISHA	FWS	[illegible]	[illegible]	FWS	SCT	ISOL	ISOL
8	JHARKHAND	ISOL	FWS	[illegible]	[illegible]	SCT	ISOL	DRY
9	BIHAR	ISOL	ISOL	SCT	FWS	FWS	SCT	ISOL
10	EAST UTTAR PRADESH	ISOL	ISOL	ISOL	FWS	SCT	ISOL	DRY
11	WEST UTTAR PRADESH	ISOL	ISOL	DRY	ISOL	ISOL	DRY	DRY
12	UTTARAKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY
13	HARYANA, CHANDIGARH & DELHI	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	DRY	DRY
15	HIMACHAL PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
16	JAMMU AND KASHMIR AND LADAKH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
17	WEST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	DRY	DRY	DRY
18	EAST RAJASTHAN	FWS	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
19	WEST MADHYA PRADESH	FWS	SCT	SCT	FWS	SCT	SCT	ISOL
20	EAST MADHYA PRADESH	SCT	FWS	FWS	FWS	SCT	SCT	ISOL
21	GUJRAT REGION	[illegible]	[illegible]	[illegible]	[illegible]	FWS	SCT	ISOL
22	SAURASHTRA & KUTCH	[illegible]	[illegible]	[illegible]	[illegible]	FWS	SCT	ISOL
23	KONKAN & GOA	FWS	FWS	[illegible]	FWS	SCT	ISOL	ISOL
24	MADHYA MAHARASHTRA	FWS	SCT	FWS	SCT	ISOL	ISOL	ISOL
25	MARATHWADA	ISOL	ISOL	SCT	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	SCT	[illegible]	[illegible]	FWS	SCT	ISOL	ISOL
27	CHHATTISGARH	SCT	FWS	[illegible]	FWS	ISOL	ISOL	ISOL
28	COASTAL ANDHRA PRADESH	[illegible]	[illegible]	[illegible]	SCT	ISOL	ISOL	ISOL
29	TELANGANA	SCT	[illegible]	[illegible]	SCT	ISOL	ISOL	ISOL
30	RAYALASEEMA	FWS	[illegible]	FWS	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	[illegible]	[illegible]	[illegible]	SCT	ISOL	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	FWS	FWS	SCT	ISOL	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	FWS	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
35	KERALA AND MAHE	[illegible]	[illegible]	FWS	SCT	SCT	ISOL	ISOL
36	LAKSHADWEEP	[illegible]	[illegible]	FWS	SCT	SCT	SCT	SCT

- **As the lead period increases forecast accuracy decrease.**


SUBDIVISION WEATHER WARNING FOR DAY 1
2025-10-27
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km


SUBDIVISION WEATHER WARNING FOR DAY 2
2025-10-28
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km


SUBDIVISION WEATHER WARNING FOR DAY 3
2025-10-29
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km



- **Action may be taken based on ORANGE AND REDCOLOUR warnings.**
- **Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.**
- **As the lead period increases forecast accuracy decreases.**

DetaileddistrictwiseMultiHazardweatherwarningfornextfivedaysavailableat https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php

Project A9: Ananthpuram Kurnool TBCB Transmission System Project
(Formerly this project was entrusted to POWERGRID's Project SPV namely **"POWERGRID ANANTHPURAM KURNOOL Transmission Limited"**, which is amalgamated with POWERGRID Khavda II-C Transmission Limited w.e.f. 1st March 2026 as per MCA order No. 24/7/2024-सीएल-III dated 27.01.2026.]

NOTICE FOR INTIMATION OF FORCE MAJEURE EVENT

Ref: PAKTL/FM/WAR/GOI-OM/ **Date:** 12.05.2026

To
The Chief Operating Officer,
Central Transmission Utility of India Limited,
5th to 10th Floor, IRCON International Tower,
Tower No.1, Plot No.16, Sector-32, Gurugram,
Haryana : 122003

Sub: Notice under **Clause 11.5 (Force Majeure)** of Transmission Service Agreement executed between CTUIL & POWERGRID ANANTHPURAM KURNOOL TRANSMISSION LIMITED (a 100% wholly owned subsidiary of POWERGRID) for "Transmission Scheme for Solar Energy Zone in Ananthpuram (Ananthapur) (2500 MW) and Kurnool (1000 MW), Andhra Pradesh" under TBCB – Reg.

Ref: (i) Transmission Service Agreement (TSA) dated 27.09.2023.
(ii) The Gazette of India (Extraordinary) dated 09.03.2026 issued by the Ministry of Petroleum and Natural Gas — Natural Gas (Supply Regulation) Order, 2026.
(iii) PAKTL FM Notices dated 14.03.2026 & 15.04.2026.
(iv) GOI/MoF/Dept. of Expenditure/Proc.PolicyDivision/Office Memorandum dated 29.04.2026.

Dear Sir,

1.0 The subject Transmission System is being implemented by POWERGRID KHAVDA IIC TRANSMISSION LIMITED (formerly POWERGRID ANANTHPURAM KURNOOL TRANSMISSION LIMITED) under the Scheme "Transmission Scheme for Solar Energy Zone in Ananthpuram (Ananthapur) (2500 MW) and Kurnool (1000 MW), Andhra Pradesh" under TBCB, in terms of the Transmission Service Agreement (TSA) dated 27.09.2023 executed between CTUIL & POWERGRID ANANTHPURAM KURNOOL TRANSMISSION LIMITED (PAKTL).

2.0 The TSP has encountered a Force Majeure Event in the subject TBCB Project, the details of which are mentioned below :

2.1 As per the scope defined under the Transmission Service Agreement (TSA), construction activities in all elements of the Project are currently in progress and nearing completion.

निर्माण क्षेत्र कार्यालय, 400kV गुत्ती सबस्टेशन, कुरनूल रोड, गुत्ती, अनंतपुर जिला. आंध्र प्रदेश, पिन: 515402
Construction Area Office, 400kV Gooty Substation, Kurnool Road, Gooty, Anantapur Dist. A.P. PIN: 515402
केन्द्रीय कार्यालय: "क्षेत्रीय मुख्यालय", कवाडीगुडा मेन रोड, सिकंदराबाद -500080, दूरभाष: 040-27546638
पंजीकृत कार्यालय: बी-9, कुतुब इंस्टीट्यूशनल एरिया, फटपारिया सराय, नई दिल्ली-110 016 सीआईएन: U40106DL2022GOI397095
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi- 110 016 CIN: U40106DL2022GOI397095

2.2 Kind reference is invited to the following :

(a) Ministry of Petroleum and Natural Gas has issued **"Natural Gas (Supply Regulation) Order, 2026** (published in Gazette of India (Extraordinary), Part-II, Section-3, Sub-section (ii) dated 09.03.2026, released on 10.03.2026, which comes into force on the date of publication (copy attached) in view of the ongoing conflict in the Middle East which has resulted in the disruption of liquefied natural gas shipments through the Strait of Hormuz and suppliers have invoked force majeure clause which would entail diversion of natural gas to the priority sectors.

(b) The executing agencies in the Project have intimated that they are experiencing constraints in the availability of industrial gases and heating fuels essential for fabrication, galvanizing, ceramic processing, metal treatment and electro-mechanical works, which is affecting the supplies and thereby construction work progress, in meeting the scheduled timelines and their performance is adversely affected due to factors beyond their reasonable control.

3.0 In light of the above, the situation arising due to the ongoing conflict in the Middle East and the provisions of "Natural Gas (Supply Regulation) Order, 2026 issued by Ministry of Petroleum and Natural Gas", constituted a Force Majure Event and the same was intimated vide Force Majeure Notices dated 14.03.2026 and 15.04.2026 (copies attached).

4.0 Further, it is to inform that Office Memorandum No.1/3/2026/PPD dated 29.04.2026 regarding "Force Majeure Clause" was issued by Govt. of India, Ministry of Finance, Department of Expenditure, Procurement Policy Division, copy attached as **Annexure-I**. In reference to the Clause No.4 of the subject Office Memorandum,

Quote :

" In such an event, date for completion of contractual obligations which had to be completed on or after 18th February 2026 may be extended for a period of not less than two months and not more than four months without imposition of any cost or penalty on the contractor. The period of extension (between two and four months) may be decided by the procuring entity after due examination on a case-to-case basis, while determining the admissibility of such claims under the Force Majeure and following the due procedure stipulated above". **Unquote,**

this **follow-on notice of Force Majeure** is hereby issued to CTUIL under Clause 11.5 of the TSA, with the start date of the Force Majeure event as **10.03.2026 (as already intimated vide our FM notices dated 14.03.2026 and 15.04.2026)**. As per Clause No.11.5.2 of TSA, upon cessation of FM event suitable communications shall be made upon cessation of FM events as well as upon cessation of effect of FM event.

5.0 The impact on time and cost over run on the project owing to above force majeure shall be informed in due course of time. The requisite details as per Article No.II of the executed TSA are attached as **Annexure-II.**

Thanking you,

Yours faithfully,

(Bipin Bihari Rath)
Project Incharge (A9: Ananthapuram Kurnool)
Project A9: Ananthpuram Kurnool TBCB Transmission System Project

निर्माण क्षेत्र कार्यालय, 400kV गुत्ती सबस्टेशन, कुरनूल रोड, गुत्ती, अनंतपुर जिला. आंध्र प्रदेश, पिन: 515402
Construction Area Office, 400kV Gooty Substation, Kurnool Road, Gooty, Anantapur Dist. A.P. PIN: 515402
केन्द्रीय कार्यालय: "क्षेत्रीय मुख्यालय", कवाडीगुडा मेन रोड, सिकंदराबाद -500080, दूरभाष: 040-27546638
पंजीकृत कार्यालय: बी-9, कुतुब इंस्टीट्यूशनल एरिया, फटपारिया सराय, नई दिल्ली-110 016 सीआईएन: U40106DL2022GOI397095
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi- 110 016 CIN: U40106DL2022GOI397095

Annexure-II

Requisite details as per Article no. 11 of executed TSA :

S.No.	Particulars		Details to be provided by TSP
1	Name of the Project	:	"Transmission Scheme for Solar Energy Zone in Ananthpuram (Ananthapur) (2500 MW) and Kurnool (1000 MW), Andhra Pradesh" under TBCB.
2	Name of TSP	:	**Project A9:** Ananthpuram Kurnool TBCB Transmission System Project
3	Date of TSA	:	27.09.2023
4a	SCOD as per TSA	:	26.09.2025
4b	Expected date of commissioning considering the force Majeure event with anticipated date of cessation of FM event	:	To be informed consequent to cessation of the force Majeure event
5	Dates of the stated force Majeure Event	:	
	(a) Start Date :		10.03.2026
	(b) End Date :		To be informed consequent to cessation of the Force Majeure event
6	Date on which Force Majeure Notice is being served to Nodal Agency	:	12.05.2026 (follow-on notice to the FM notices dated 14.03.2026 & 15.04.2026, already submitted).
7	Whether the Claimed FM falls under Article 11.4 i.e. Force Majeure Exclusion	:	No
8	Nature of Force Majeure Claim *(please specify the clause/sub-clause of Natural/Non-Natural FM as per TSA)*	:	Non-Natural
9	Reasons for Force Majeure Event *(please attach the supporting documents to substantiate FM claim)*	:	• Constraints in the availability of industrial gases and heating fuels essential for fabrication, galvanizing, ceramic processing, metal treatment and electro-mechanical works due to Ongoing conflict in the Middle East and the provisions of "Natural Gas (Supply Regulation) Order, 2026 issued by Ministry of Petroleum and Natural Gas, which is affecting the supplies/work progress in meeting the scheduled time lines. • GOI/MOF/OM dated 29.04.2026.
10	Efforts made to mitigate the FM Event *(Please attach the supporting documents to substantiate)*	:	Circumstances are not within the reasonable control of the TSP and those FM events, or its effects could not have been avoided by the TSP.

निर्माण क्षेत्र कार्यालय, 400kV गुती सबस्टेशन, कुरनूल रोड, गुती, अनंतपुर जिला. आंध्र प्रदेश, पिन: 515402
Construction Area Office, 400kV Gooty Substation, Kurnool Road, Gooty, Anantapur Dist. A.P. PIN: 515402
केन्द्रीय कार्यालय: "क्षेत्रीय मुख्यालय", कवाडीगुडा मेन रोड, सिकंदराबाद -500080, दूरभाष: 040-27546638
पंजीकृत कार्यालय: बी-9, कुतुब इंस्टीट्यूशनल एरिया, फटपारिया सराय, नई दिल्ली-110 016 सीआईएन: U40106DL2022GOI397095
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi- 110 016 CIN: U40106DL2022GOI397095

No.1/3/2026-PPD
Government of India
Ministry of Finance
Department of Expenditure
Procurement Policy Division
*****

709, Chandralok Building,
Janpath, New Delhi
29.04.2026

OFFICE MEMORANDUM

Subject: Force Majeure Clause (FMC).

Attention is invited to para 9.3.6 of the "Manual for Procurement of Goods, 2024", Para 10.4.9 of the "Manual for Procurement of Consultancy Services, 2025", para 9.4.10 of the "Manual for Procurement of Non-Consultancy Services, 2025", and para 7.4.4 of the Manual for Procurement of Works, 2025 issued by this Department, which is reproduced as under:

A Force Majeure (FM) means extraordinary events or circumstances beyond human control, such as an event described as an act of God (like a natural calamity) or events such as a war, strike, riots, crimes (but not including negligence or wrong-doing, predictable/seasonal rain and any other events specifically excluded in the clause). An FM clause in the contract frees both parties from contractual liability and obligation when prevented by such events from fulfilling their obligations under the contract. An FM clause does not entirely excuse a party's non-performance but only suspends it for the duration of the FM. The firm must give notice of FM within a reasonable time as the conditions permit (say, not later than 14 days after its occurrence), and it cannot be claimed ex-post facto. There may be an FM situation affecting the purchase organisation only. In such a situation, the purchase organisation is to communicate with the supplier along similar lines as above for further necessary action. If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of FM for a period exceeding 90 (ninety) days, either party may, at its option, seek to terminate the contract without any financial repercussion on either side.

Notwithstanding the punitive provisions contained in the contract for delay or breach of contract, the supplier would not be liable for imposition of any such sanction so long as the delay and/or failure of the supplier in fulfilling its obligations under the contract is the result of an event covered in the FM clause.

2. Attention is also drawn to para 9.3.3-3-a) of the "Manual for Procurement of Goods, 2024", para 10.4.1-3-a) of the "Manual for Procurement of Consultancy Services, 2025", para 9.4.2-3-a) of the "Manual for Procurement of Non-Consultancy Services, 2025" and para 7.4.5-1-a) of the "Manual for Procurement of Works, 2025". The referred Manuals recognize delays in delivery in completion of contractual obligations on account of Force Majeure event for which the supplier, consultant,

service provider and contractor is not at fault. In such cases the delivery period and/ or completion period needs to be re-fixed without imposing any penalty on the supplier/ consultant/ service provider/ contractor (i.e., without LD and without a denial clause) after following due procedure mentioned under para 1 above.

3. While the term "War" is defined as an event triggering *Force Majeure* as stated above, for ample clarity it is to reiterate that the ongoing West Asia situation should be treated as war. In cases where disruptions arising from the prevailing West Asia situation have directly affected, or consequentially impacted contractual obligations (for goods and services contracts, construction/ works contracts with Government Agencies), the procuring entities may invoke Force Majeure.

4. In such an event, date for completion of contractual obligations which had to be completed on or after 28th February 2026 may be extended for a period of not less than two months and not more than four months without imposition of any cost or penalty on the contractor. The period of extension (between two and four months) may be decided by the procuring entity after due examination on a case-to-case basis, while determining the admissibility of such claims under the Force Majeure and following the due procedure stipulated above.

5. It is clarified that invocation of Force Majeure shall be considered valid only where the parties to the contract were not in default of their contractual obligations as on 27th February 2026. It is further clarified that invocation of Force Majeure does not absolve all non-performances of a party, but only such non-performances as are directly attributable to disruptions caused by the prevailing West Asia situation. It may be noted that all contractual obligations shall revive upon completion of the period.

(Praveen Kujur) 29/4/26
Under Secretary to the Government of India
Tel: 23733771
Email: praveen.kujur@nic.in

To

Secretaries of all Central Government Ministries/ Departments

BIPIN BIHARI RATH

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Date: 2026.09.04 17:44:19 +05'30'

naresh & co.
CHARTERED ACCOUNTANTS

CERTIFICATE

This is to certify that we have verified the relevant records and other documents of **POWERGRID Khavda II-C Transmission Limited** having its Registered Office at B-9, Qutab Institutional Area, KatwariaSarai, New Delhi-110016 and on the basis of our verification, we certify that Capital Cost for **"Implementation of 03 Nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects"** (Project A9: Ananthapuram Kurnool TBCB Transmission System Project), which is under proposed DOCO with effect from 09.06.2026 is detailed as under :

(₹ in Lakh)

S/N	Particulars	Capital Cost	IEDC	IDC	Total
1	*Expenditure upto 31.03.2026*	687.53	60.73	3.17	751.43
2	*Expenditure from 01.04.2026 to 08.06.2026 (i.e upto DOCO)*	175.11	65.93	7.67	248.71
3	*Estimated Expenditure from 09.06.2026 to 31.03.2027*	1,137.03	-	-	1,137.03
4	*Estimated Expenditure from 01.04.2027 to 31.03.2028*	222.19	-	-	222.19
	Total	***2,221.86***	***126.66***	***10.84***	***2,359.36***

We certify that we have verified the expenditure up to 31.03.2026 as referred above on the basis of the information drawn from the audited Statement of Accounts of POWERGRID Khavda II-C Transmission Limited as on 31.03.2026. Expenditure from 01.04.2026 to 08.06.2026 have been verified from the books of accounts.

The estimated expenditure is based on Management estimate.

For and on behalf of
Naresh & Co
Chartered Accountants
(Firm Reg. No: 106928W)

Naresh & Co. * Chartered Accountants * FRN 106928W

CA Abhijeet Dandekar
(Partner)
Membership No.: 108377
UDIN: 26108377TBKAJI9007
Certi No/N&Co./07/08-26
Place: Vadodara
Date: 01.08.2026

City Enclave, Near Baroda High School, Opp. Polo ground, Vadodara - 390 001
Ph. : +91 265 2423386 / +91 7874423386
E-mail : consult@nareshandco.com Website : http://www.nareshandco.com

CERTIFICATE

This is to certify that we have verified the relevant records and other documents of **POWERGRID Khavda II-C Transmission Limited** having its Registered Office at B-9, Qutab Institutional Area, KatwariaSarai, New Delhi-110016 and on the basis of our verification, we certify that Capital Cost for **for "Implementation of 03 Nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects"** (Project A9: Ananthapuram Kurnool TBCB Transmission System Project), which is under proposed DOCO with effect from 09.06.2026 is detailed as under :

(Rs. in Lakhs)

S/N	Particulars	Freehold Land	Leasehold Land	Building and Civil Works	Tr. Line	Sub Station	OPGW	Communication System excl. OPGW	I. T Equipment incl. software, UNMS, URTDSM, EMS, Cyber Security System, REMC, WAMS, SCADA System	Batteries	Total
1	*Expenditure upto 31.03.2026*	-		-		*632.74*		*56.25*	*62.44*		**751.43**
2	*Expenditure from 01.04.2026 to 08.06.2026 (i.e upto DOCO)*	-				*109.18*		*66.13*	*73.40*	-	**248.71**
3	*Estimated Expenditure from 09.06.2026 to 31.03.2027*					*1,085.33*		*24.50*	*27.20*		**1,137.03**
4	*Estimated Expenditure from 01.04.2027 to 31.03.2028*					*222.19*					**222.19**
	Total	**-**	**-**	**-**	**-**	***2,049.44***	**-**	***146.88***	***163.04***	**-**	***2,359.36***

Naresh & Co. * Chartered Accountants * FRN 106928W

(Rs. in Lakhs)

S/N	Particulars	TL	Sub-station	Communication System excl. OPGW
1	Total Cost (Plant and Machinary cost excluding IDC, IEDC, Land cost and cost of Civil works for the purpose of Initial Spares)		2,099.34	122.52
2	Initial Spares included above		46.80	

We certify that we have verified the expenditure up to 31.03.2026 as referred above on the basis of the information drawn from the audited Statement of Accounts of POWERGRID Khavda II-C Transmission Limited as on 31.03.2026. Expenditure from 01.04.2026 to 08.06.2026 have been verified from the books of accounts.

The estimated expenditure is based on Management estimate.

For and on behalf of
Naresh & Co
Chartered Accountants
(Firm Reg. No: 106928W)

Naresh & Co. * Chartered Accountants * FRN 106928W

CA Abhijeet Dandekar
(Partner)
Membership No.: 108377
UDIN: 26108377TBKAJI9007
Certi No/N&Co./07/08-26
Place: Vadodara
Date: 01.08.2026

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Date: 2026.09.04 17:44:48 +05'30'

Liability Flow Statement

Name of the Asset 03 Nos of 400 kV Line Bays at Ananthapuram PS for integration of RE Generation Projects under RTM route

Name of the Project Implementation of 03 Nos of 400 kV Line Bays at Ananthapuram PS for integration of RE Generation Projects under RTM route

DOCO: 31-05-2025

Asset No.	Headwise /Partywise	Particulars#	Year of Actual Capitalisation	Outstanding Liability as on COD/01-04-2019	Discharge (a)						Reversal of Liabilities (b)						Additional Liability Recognized/Unexecuted work (c)						Outstanding Liability as on 31.03.2024 = (a-b)
					2024-25	2025-26	2026-27	2027-28	2028-29	Total	2024-25	2025-26	2026-27	2027-28	2028-29	Total	2024-25	2025-26	2026-27	2027-28	2028-29	Total	
Asset-1	Renew Green Energy Solution & others	Sub-Station	2026	1,232.53	-	-	1,010.34	222.19	-	1,232.53	-	-	-	-	-	-	-	-	74.99	-	-	74.99	-
Asset-1	Renew Green Energy Solution	Communication	2026	24.50	-	-	24.50	-	-	24.50	-	-	-	-	-	-	-	-	-	-	-	-	-
Asset-1	Renew Green Energy Solution	I. T Equipment including software	2026	27.20	-	-	27.20	-	-	27.20	-	-	-	-	-	-	-	-	-	-	-	-	-
		Total		**1,284.23**	**-**	**-**	**1,062.04**	**222.19**	**-**	**1,284.23**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**74.99**	**-**	**-**	**74.99**	**-**

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Statement showing IDC Discharged upto DOCO

TBCB: 1144	**POWERGRID Khavda-II C Transmission limited**						
Project:	**Implementation of 03 Nos of 400 kV Line Bays at Ananthapuram PS for integration of RE Generation Projects under RTM route**						
Element:	**400 kV Line Bays at Ananthapuram PS for integration of RE Generation Projects under RTM route**						
DOCO: Proposed	**09-Jun-26**						
Description of Loan from POWERGRID	**Amount**	**Interest Rate**	**Drawl Date**	**Total IDC**	**Annual Interest Payment Date upto DOCO**	**Interest Discharged upto DOCO**	**Annual Interest Payment Date after DOCO**
SBI LOC VI	1.00	6.69%	23-Feb-26	0.00	02-Apr-26	0.00	03-Jul-26
SBI LOC VI		6.69%		0.01	02-Apr-26	0.01	03-Jul-26
SBI LOC VI		6.80%		0.00	02-Apr-26	0.00	03-Jul-26
SBI LOC VI		6.80%		0.01	02-Apr-26	0.00	03-Jul-26
SBI LOC VI		6.80%		0.01	02-Apr-26	0.00	03-Jul-26
SBI LOC VI		6.80%		0.00	02-Apr-26	0.00	03-Jul-26
SBI LOC VI	522.78	6.69%	27-Feb-26	0.19	02-Apr-26	0.19	03-Jul-26
SBI LOC VI		6.69%		2.87	02-Apr-26	2.87	03-Jul-26
SBI LOC VI		6.80%		0.10	02-Apr-26	0.10	03-Jul-26
SBI LOC VI		6.80%		2.92	02-Apr-26	0.00	03-Jul-26
SBI LOC VI		6.80%		3.02	02-Apr-26	0.00	03-Jul-26
SBI LOC VI		6.80%		0.78	02-Apr-26	0.00	03-Jul-26
Union	16.00	6.59%	08-Apr-26	0.07	02-Apr-26	0.00	03-Jul-26
Union		6.59%		0.09	02-Apr-26	0.00	03-Jul-26
Union		6.59%		0.02	02-Apr-26	0.00	03-Jul-26
Union	123.00	6.59%	06-May-26	0.58	02-Apr-26	0.00	03-Jul-26
Union		6.59%		0.18	02-Apr-26	0.00	03-Jul-26
SBI LOC VII (IR Replacement)	31.95	6.65%	24-Jun-26	0.00	02-Apr-26	0.00	03-Jul-26
SBI LOC VII (IR Replacement) (2026-27)	5.37	6.65%	24-Jun-26	0.00	02-Apr-26	0.00	03-Jul-26
Total	**700.10**			**10.84**		**3.17**	

Total IDC as per Cost Certificate	10.84
IDC Discharged upto DOCO	3.17
Accrual IDC upto DOCO (To be Discharged during 2026-2027)	7.67
Accrual IDC upto DOCO (To be Discharged during 2027-2028)	0.00

Certified that Interest on SBI/UBI Loan is paid monthly and Interest on Bonds is paid annually/quarterly as per terms of Agreement /terms of issue of bonds and no default has been made in respect of debt servicing.

BIPIN BIHARI RATH

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ELEMENTCODE	QUARTER	YEAR	BEGDA	ENDDA	DOCO	QTR_DAYS	NO_OF_DAYS	EXP_OB	EXP_ADD	EXP_CB	Avg_Exp	FUNDING_OB	DRAWL_LOAN	REPAYMENT_LOAN	FUNDING_CB	Avg_Funding	NOR_FUNDING	IDC_BASE	RATE	Notional IDC
0803001	4	2025	01-01-2026	31-03-2026	09-06-2026	90	90	0.00	748.26	748.26	374.13	0.00	523.78	0.00	523.78	261.89	261.89	0.00	1.65	-
0803001	1	2026	01-04-2026	30-06-2026	09-06-2026	91	69	748.26	244.21	992.47	870.37	523.78	139.00	0.00	662.78	593.28	609.26	15.98	1.69	0.20
Total									**992.47**				**662.78**	**0.00**						**0.20**

BIPIN BIHARI RATH

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Date: 2026.09.04 17:46:05 +05'30'

Form No. - 1

Summary of Tariff

Name of the Transmission Licensee:	POWERGRID Khavda II-C TRANSMISSION LIMITED		
Project	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Element Description	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Region	Corporate Centre	DOCO Date	Jun 9, 2026

(Amount in Rs. Lakh)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Year Days	0.00	0.00	365.00	366.00	365.00
Tariff Days	0.00	0.00	296.00	366.00	365.00
Depreciation-Form No. 10A	0.00	0.00	78.31	128.30	132.99
Interest on Loan-Form No. 9E	0.00	0.00	57.95	96.83	93.25
Return on Equity-Form No. 8	0.00	0.00	57.12	101.18	106.18
Int. on Working capital-Form No.11	0.00	0.00	6.33	9.33	9.67
Op. and maintenance-Form No.2	0.00	0.00	79.58	103.29	108.69
Total AFC	0.00	0.00	279.29	438.93	450.78

(Petitioner)

Form No. - 1A

Summary of Asset Level Cost

Name of the Transmission Licensee	POWERGRID Khavda II-C TRANSMISSION LIMITED		
Project	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Element Description	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Region	Corporate Centre	DOCO Date	Jun 9, 2026

A) Summary of Capital Cost, Means of Finance of the Asset

(Amount in Rs. Lakh)

Particular	i) Apportioned Approved Cost		ii) Summary of Actual / Projected Capital Expenditure incurred						
	As Per IA	As per RCE	As on COD / 01.04.2024	2024-25	2025-26	2026-27	2027-28	2028-29	As on 31.03.2029
Land (Freehold Land)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building & Civil Works	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transmission Lines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Substations	0.00	0.00	1,974.60	0.00	0.00	74.99	0.00	0.00	2,049.59
Comm. Sys. excluding Fiber Optic	0.00	0.00	146.90	0.00	0.00	0.00	0.00	0.00	146.90
Land (Leasehold)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IT/Software/UNMS/URTDSM/	0.00	0.00	163.07	0.00	0.00	0.00	0.00	0.00	163.07
Batteries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Capital Cost as per Books	0.00	0.00	2,284.57	0.00	0.00	74.99	0.00	0.00	2,359.56
Less: Liability	0.00	0.00	1,291.90	0.00	0.00	0.00	0.00	0.00	0.00
Add:discharge of liability	0.00	0.00	0.00	0.00	0.00	1,069.71	222.19	0.00	0.00
De cap During Year As per Books	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Capital incurred	0.00	0.00	992.67	0.00	0.00	1,144.70	222.19	0.00	2,359.56
Equity	0.00	0.00	297.80	0.00	0.00	343.41	66.66	0.00	707.87
Debt	0.00	0.00	694.87	0.00	0.00	801.29	155.53	0.00	1,651.69

Details of Transmission Lines and Substations, Communication System covered in the project scope and O&M for instant asset

Form No. - 2

Name of the Transmission Licensee	POWERGRID Khavda II-C TRANSMISSION LIMITED		
Project	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Element Description	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Region	Corporate Centre	DOCO Date	Jun 9, 2026

1. Transmission Lines

(Amount in Rs. Lakh)

Summary:

2. Sub Station

Name of Sub-station	Type of Substation	Voltage Level KV	No. of Transforms/ Reactor/ SVC etc. (with capacity)	No. of Bays				MVA/MVAR Capacity				Date of Comm. operation	Covered in the present petition	
				765 KV	400 KV	220 KV	132 KV	765 KV	400 KV	220 KV	132 KV		Yes/ No	If No, Petition No.
:ABC LINE BAY 419	Conventional	400 KV			1.000							Jun 9, 2026	Y	
:VIKRAM SHAKTI LINE BAY (422 & 425 BAY)	Conventional	400 KV			2.000							Jun 9, 2026	Y	

Summary:

O&M Expenses For Substations Covered in the instant petition	2024-25	2025-26	2026-27	2027-28	2028-29
400KV SUB-STATION					
Normative Rate of O&M as per Regulation	0.00	0.00	32.71	34.43	36.23
No. of Units	0.00	0.00	3.00	3.00	3.00
O&M Claimed	0.00	0.00	79.58	103.29	108.69

3. Communication System

Summary:

Summary of O&M Expenses claim

(Amount in Rs. Lakh)

Particular	2024-25	2025-26	2026-27	2027-28	2028-29
A) Normative O&M					
Transmission Line	0.00	0.00	0.00	0.00	0.00
Substation	0.00	0.00	79.58	103.29	108.69
Communication System	0.00	0.00	0.00	0.00	0.00
Total Normative O&M	0.00	0.00	79.58	103.29	108.69
B) O&M Claimed under Regulation 35 (3)(C) (* The same is not being claimed and will be claimed through separate Petition)					
*Security Expenses	0.00	0.00	0.00	0.00	0.00
*Actual Capital Spare consumed	0.00	0.00	0.00	0.00	0.00
*Insurance Premium Paid	0.00	0.00	0.00	0.00	0.00
Total O&M	0.00	0.00	79.58	103.29	108.69

(Petitioner)

Form No. - 3

Normative parameters considered for tariff computations

Name of the Transmission Licensee	POWERGRID Khavda II-C TRANSMISSION LIMITED		
Project	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Element Description	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Region	Corporate Centre	DOCO Date	Jun 9, 2026

(Amount in Rs. Lakh)

Particulars	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Base Rate of Return of Equity (in %)						
Tax Rate (in %)	17.472	17.472	17.472	17.472	17.472	17.472
Effective tax rate (in %)						
Grossed up Rate for ROE of 15.5% (in %)	18.782	18.782	18.782	18.782	18.782	18.782
Grossed up Rate for ROE of 15.0% (in %)	18.176	18.176	18.176	18.176	18.176	18.176
Target availability - AC System (in %)	98.00	98.00	98.00	98.00	98.00	98.00
Target availability - HVDC System (in %)	96.00	96.00	96.00	96.00	96.00	96.00
Norms for sub-station Bays (Rs Lakh per bay)						
765 kV	51.68	41.34	43.51	45.79	48.20	50.73
400 kV	36.91	29.53	31.08	32.71	34.43	36.23
220 kV	25.84	20.67	21.75	22.90	24.10	25.36
132 kV and below	18.46	15.78	16.61	17.48	18.40	19.35
Norms for Transformers (Rs Lakh per MVA)						
765 kV	0.564	0.262	0.276	0.29	0.305	0.322
400 kV	0.411	0.262	0.276	0.29	0.305	0.322
220 kV	0.282	0.262	0.276	0.29	0.305	0.322
132 kV and below	0.282	0.262	0.276	0.29	0.305	0.322
Norms for Reactor (Rs Lakh per MVAR)						
765 kV	0.00	0.262	0.276	0.29	0.305	0.322
400 kV	0.00	0.262	0.276	0.29	0.305	0.322

220 kV	0.00	0.262	0.276	0.29	0.305	0.322
132 kV and below	0.00	0.262	0.276	0.29	0.305	0.322
Norms for AC and HVDC lines (Rs Lakh per km)						
Single Circuit (Bundled Conductor with six or more sub-conductors)	1.011	0.861	0.906	0.953	1.003	1.056
Single Circuit (Bundled conductor with four sub-conductors)	0.867	0.738	0.776	0.817	0.86	0.905
Single Circuit (Twin & Triple Conductor)	0.578	0.492	0.518	0.545	0.573	0.603
Single Circuit (Single Conductor)	0.289	0.246	0.259	0.272	0.287	0.302
Double Circuit (Bundled conductor with four or more sub-conductors)	1.517	1.291	1.359	1.43	1.506	1.585
Double Circuit (Twin & Triple Conductor)	1.011	0.861	0.906	0.953	1.003	1.056
Double Circuit (Single Conductor)	0.433	0.369	0.388	0.409	0.43	0.453
Multi Circuit (Bundled Conductor with four or more sub-conductor)	2.662	2.266	2.385	2.51	2.642	2.781
Multi Circuit (Twin & Triple Conductor)	1.773	1.509	1.588	1.671	1.759	1.851
Norms for HVDC stations (Rs Lakh/MW)						
HVDC bipole scheme (Rs Lakh/MW)	0.00	1.04	1.10	1.16	1.22	1.28
HVDC Back-to-Back stations (Rs Lakh/MW) (Except Gazuwaka BTB)	0.00	2.07	2.18	2.30	2.42	2.55
Gazuwaka HVDC Back-to-Back station (Rs Lakh/MW)	0.00	1.83	1.92	2.03	2.13	2.24

(Petitioner)

Abstract of existing transmission assets/elements under Project, Determination of Effective COD and weighted Average life for single AFC for the project as whole

Form No. - 4

Name of the Transmission Licensee	POWERGRID Khavda II-C TRANSMISSION LIMITED		
Project	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Element Description	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Region	Corporate Centre	DOCO Date	Jun 9, 2026

A) Details of All the Asset Covered under the Scope of the Project

(Amount in Rs. Lakh)

Asset Name	Actual COD of the asset	COD considered for tariff purpose	Effective COD for the project as whole (Refer C)	Weighted Average useful life of the project (Refer D)	Lapsed useful Life of the project as on 01.04.2024 (Refer E)	Balance useful Life of the project as on 01.04.2024 (Refer E)

B) Details as on 01.04.2024 for determination of Single Tariff for the Project Commissioned prior to 01.04.2024

C) Computation of Effective COD for determining lapsed useful life of the project as whole

D) Weighted Average useful Life of the Project as whole

E) Lapsed Weighted average useful life of the project & Balance weighted average Useful life
This refers to the No. of completed years from the effective COD till the last day of the previous tariff period (i.e. 31.03.2024)

1) Effective COD	
2) Last date of the previous tariff control period	Mar 31, 2024
3) No. of Completed years lapsed as on 01.04.2024 (2) - (1)	

4) Remaining useful life (in year) (WAL-lapsed year)	

(Petitioner)

Form No. - 4A

Statement of Capital cost

Name of the Transmission Licensee	POWERGRID Khavda II-C TRANSMISSION LIMITED		
Project	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Element Description	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Region	Corporate Centre	DOCO Date	Jun 9, 2026

A) Capital Cost

(Amount in Rs. Lakh)

Particular	Accrual Basis	Un-discharged Liabilities	Cash Basis
As on relevant date :2026-27			
a) Opening Gross Block Amount as per books	2,284.57	1,291.90	992.67
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in A(a) above	0.00	7.67	-7.67
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) above	0.00	0.00	0.00
a) Addition in Gross Block Amount during the period	74.99	0.00	74.99
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in B(a) above	0.00	0.00	0.00
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in B(a) above	0.00	0.00	0.00
d) De-cap in gross block amount during the year	0.00	0.00	0.00
a) Closing Gross Block Amount as per books	2,359.56	222.19	2,137.37
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in C(a) above	0.00	0.00	0.00
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost)included in C(a) above	0.00	0.00	0.00
As on relevant date :2027-28			
a) Opening Gross Block Amount as per books	2,359.56	222.19	2,137.37
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in A(a) above	0.00	0.00	0.00

c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) above	0.00	0.00	0.00

a) Addition in Gross Block Amount during the period	0.00	0.00	0.00
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in B(a) above	0.00	0.00	0.00
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in B(a) above	0.00	0.00	0.00
d) De-cap in gross block amount during the year	0.00	0.00	0.00

a) Closing Gross Block Amount as per books	2,359.56	0.00	2,359.56
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in C(a) above	0.00	0.00	0.00
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost)included in C(a) above	0.00	0.00	0.00

As on relevant date :2028-29			
a) Opening Gross Block Amount as per books	2,359.56	0.00	2,359.56
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in A(a) above	0.00	0.00	0.00
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) above	0.00	0.00	0.00

a) Addition in Gross Block Amount during the period	0.00	0.00	0.00
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in B(a) above	0.00	0.00	0.00
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in B(a) above	0.00	0.00	0.00
d) De-cap in gross block amount during the year	0.00	0.00	0.00

a) Closing Gross Block Amount as per books	2,359.56	0.00	2,359.56
b) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in C(a) above	0.00	0.00	0.00
c) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost)included in C(a) above	0.00	0.00	0.00

B) Flow of liability for the Asset

(Amount in Rs. Lakh)

Particular	2026-2027	2027-2028							
Opening balance of liability	1,291.90	222.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Add: Liability from ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Discharge of liability by payment and claimed as ACE	1,069.71	222.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reversal/cancelation (to be entered)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Closing Balance of Admitted liability	222.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

(Petitioner)

Element wise Break-up of Project/Asset/Element Cost for Transmission System or Communication System **Part-III**

FORM 5

Name of the Project: Implementation of 03 Nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects

Name of the Transmission Asset:

2 nos of 400kV line bays at Ananthapuram PS for Connectivity to M/s Renew Vikram Shakti Pvt. Ltd and 1 no. of 400kv line bay at Ananthapuram PS for Connectivity to M/s ABC Cleantech Pvt Ltd.

S. No. (1)	Particulars (2)	Cost in Lakh																	Capital Work in Progress as per Books of Account as on COD (12)
		As per Original Estimates (3)			As per Revised Cost Estimates (if any)(4)			Actual Capital Expenditure (Gross Block) as on COD as per Books of Account[3,4,5] (5)					The portion Capital cost included in col. 5 which is not eligible for transmission tariff (eg. Grant, other business etc.6 (6)	Projected/actual cost of Deferred work to be capitalised after COD but before cut-off date (7)	Variation between actual Cost and IA/RCE cost as on COD (8=(5-6+7)-(3 or 4))	Reasons for Variation 1 (9)	Un-Discharge Liabilities included in Col. 5 (10)	Admitted cost [7] (11)	
		Quantity	Rate	Estimated Cost	Quantity	Rate	Estimated Cost	Quantity	Rate	Total Cost of the asset	As on CoD	Gross Block of the asset (upto COD)							
A	**TRANSMISSION LINE**																		
B.	**SUBSTATIONS**																		
4	**Preliminary works & land**																		
4.1	Design & Engineering																		
4.2	Land[2]	LS	0.00	0.00				LS		0.00	-	-							
4.3	Site preparation																		
4.4	**Total Preliminary works & land** (4.1+4.2+4.3)		**0.00**	**0.00**						**0.00**	-	-		-	-				
5	**Civil Works**																		
5.1	Control Room & Office Building including HVAC																		
5.2	Township & Colony																		
5.3	Roads and Drainage	LS	0.00	609.04				LS		561.24	156.38	521.25		39.99			364.88		
5.4	Foundation for structures																		
5.5	Misc. civil works																		
5.6	**Total Civil Works** (5.1+5.2+5.3+5.4+5.5)		**0.00**	**609.04**						**561.24**	**156.38**	**521.25**		**39.99**	-		**364.88**		
6	**Substation Equipment**																		
6.1	Switchgear (CT,PT, Circuit Breaker, Isolator etc)			582.83						539.73	185.13	539.73					354.60		
6.2	Transformers	1								0.00	-								
6.3	Compensating Equipment (Reactor, SVCs etc)									0.00	-								
6.4	Control , Relay & Protection Panel			278.63						268.74	107.50	268.74					161.24		
6.5	PLCC			39.43						37.92	30.34	37.92					7.58		
6.6	HVDC package			0.00						0.00	-								
6.7	Bus Bars (Bus Bar Modules, Feeder Bay Modules, Bus Duct, Air Bushing etc)			0.00						0.00	-								

6.8	Substation Auxiliaries			90.07						63.14	25.26	63.14					37.88			
6.9	Emergency D.G. Set			0.00						0.00	-	-					-			
6.10	Grounding System			36.07						20.65	10.33	20.65					10.33			
6.11	Switchyard- Erection			240.72						174.37	57.88	144.71		29.66			86.82			
6.12	SAS & IT Equiipment			125.47						115.26	88.06	115.26					27.20			
6.13	**Total Substation Equipment** (Sum of 6.1 to 6.11)			**1393.22**						**1219.82**	504.50	1,190.16		**29.66**	-		685.66			
7	**Spares**			98.16						46.80	23.40	46.80					**23.40**			
8	**Taxes and Duties**																			
8.1	Custom Duty			367.47						327.64	128.92	322.30								
8.2	Other Taxes & Duties													5.34			193.38			
8.3	**Total Taxes & Duties** (8.1+8.2+8.3)			**367.47**						**327.64**	**128.92**	**322.30**		**5.34**	-		**193.38**			
8.4	**Total (Sub-station)** (4.4+5.6+6.12+7+8.3)			**2467.89**						**2155.50**	**813.19**	**2,080.51**		**74.99**	-		**1,267.31**			
C	**Communication System**										-									
9.1	Preliminary Works										-									
9.2	Communication System equipment			96.68						66.36	49.44	66.36					16.92			
9.3	Taxes and Duties										-									
9.4	**Total (Communication System)** (9.1+9.2+9.3)			96.68						66.36	49.44	66.36					16.92			
10	**Cost of Plant & Machinery** (3.4+8.4+9.4)			**2564.57**						**2221.86**	862.64	**2,146.87**		**74.99**	-		**1,284.23**			
12.0	**Over heads**																			
12.1	Establishment			267.61						126.66	126.66	126.66								
12.2	Audit & Accounts																			
12.3	Contigency																			
12.4	Other overheads																			
12.5	**Total Overheads (12.1+12.2+12.3+12.4)**			**267.61**						**126.66**	**126.66**	**126.66**		-			-			
13	**IDC, FC, FERV & Hedging Cost**																			
13.1	Interest During Construction (IDC)			153.82						10.84	10.84	10.84					-			
13.2	Financing Charges (FC)																			
13.3	Foreign Exchange Rate Variation (FERV)																			
13.4	Hedging Cost																			
13.5	**Total of IDC, FC, FERV & Hedging Cost** (13.1+13.2+13.3+13.4)			**153.82**						**10.84**	**10.84**	**10.84**		-			-			
14	**Capital cost including IDC, FC, FERV & Hedging Cost** (10+11.4+12.5+13.5)			**2986.00**						**2359.36**	**950.69**	**2284.37**		**74.99**	-		**1284.23**			

B) Summary of Capital Cost as on COD

Particular	Plant & Machinery Cost including initial spare but excluding IDC&IEDC	Initial Spare capitalised	IEDC capitalised	IDC capitalised	Loan FERV	Gross Block as per books of Account as on COD	Deduction from Gross Block3	Gross block meant for tariff as on COD / 01.04.2019 (after deductions)	Un- discharged liability included in 8	Capital Cost on Cash basis for tariff as on COD / as on 01-04-2019
	1	**2**	**3**	**4**	**5**	6=(1+3+4+5)	**7.00**	8=(6-7)	**9**	**10=(8-9)**
Land (Freehold Land)										
Land (Leasehold)										
Building & Civil Works										
Transmission Line										
Sub-Station	1888.34		80.07	6.04	0.00	1974.45	0.00	1974.45	1232.53	**741.92**
PLCC	122.52		22.08	2.28		146.88		146.88	24.50	**122.38**
IT equipment and Software	136.01		24.51	2.52		163.04		163.04	27.20	**135.84**
Total Capital Cost as per Books of Account	**2146.87**		**126.66**	**10.84**		**2284.37**		**2284.37**	**1284.23**	**1000.14**
Less: Un-discharged liabilities	1284.23					1284.23				
Total Capital Cost Claimed for tariff	862.64					1000.14				
% of IDC / IEDC on the base of (Plant & Machinery cost including initial spare as per Books of Account)										
Means of Finance										
Equity										
Debt										

Note:

1. In case of cost variation, a detailed note giving reasons of such variation should be submitted clearly indicating whether such cost over- run was beyond the control of the transmission licensee.
2. Separate details of free hold/lease hold land should be submitted.
3. Deduction form Gross Block includes the Grant Received as on COD, Gross block as on COD which pertains to other business, Adjustment of excess initial spare etc.

(Petitioner)

Break-up of Construction/Supply/Service Packages

"2 nos of 400kV line bays at Ananthapuram PS for Connectivity to M/s Renew Vikram Shakti Pvt. Ltd and 1 no. of 400kv line bay at Ananthapuram PS for Connectivity to M/s ABC Cleantech Pvt Ltd." under "Implementation of 03 Nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects"

(Amount in Rs. Lakh)

S. No.	Name/No. of Construction /supply/service package	Scope of works[1] (in line with head of cost break-ups as applicable)	Whether awarded through ICB/DCB/ Departmentally/ Deposit Work, etc.	No. of bids received	Date of Award	Date of Start of work	Date of Completion of Work	Value of Award[2] in (Rs. Lakh).	Firm or With Escalation in prices	Actual expenditure till the completion or up to COD whichever is earlier (Rs. Lakh)	Taxes & Duties and IEDC (Rs. Lakh)	IDC, FC, FERV & Hedging cost (Rs. Lakh)	Sub- Total (Rs. Lakh)
1	Supply & Services contract for AIS Extn Package- SS131 for Implementation of 03 Nos 400kV Bays at Ananthpuram for Intergration of RE Generation Projects	SS-131 Package: Extn of Ananthpuram PS	DCB	3	16-06-2025	16-06-2025	07-06-2026	2186.86	with PV	1894.22	454.30	10.84	2359.36

Note:

1 The scope of work in any package should be indicated in conformity of cost break-up in Form-5 to the extent possible.

2 If there is any package, which need to be shown in Indian Rupee and foreign currency(ies), the same should be shown separately along with the currency, the exchange rate and the date e.g. Rs. 800 Lakh. + US$ 5m=Rs. 4300 Lakh. at US$=Rs.70 as on say 01.04.2019.

(Petitioner)

DCB: Domestic Competitive Bidding
GCB: Global Competitive Bidding

Form No. - 6

Financial Package upto COD

Name of the Transmission Licensee	POWERGRID Khavda II-C TRANSMISSION LIMITED		
Project	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Element Description	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Region	Corporate Centre	DOCO Date	Jun 9, 2026

(Amount in Rs. Lakh)

Particulars	Financial Package as Approved		Financial Package as on COD 01/04/2024		As Admitted on COD 01/04/2024	
	Currency	Amount	Currency	Amount	Currency	Amount
Loans		0.00		0.00		0.00
Loan-Domestic		0.00		0.00		0.00
Loan-Foreign		0.00		0.00		0.00
Total Loans	INR	0.00	INR	694.87		0.00
Equity		0.00		0.00		0.00
Foreign		0.00		0.00		0.00
Domestic	INR	0.00	INR	297.80		0.00
Total Equity	INR	0.00	INR	297.80		0.00
Debt Equity Ratio					70:30	
Total Cost	INR	0.00	INR	992.67		0.00

Particulars	Debt	Equity	Total	
Addcap for 2026 - 2027			1,144.70	
Addcap for 2027 - 2028			222.19	
Addcap for 2028 - 2029			0.00	

Particulars	Actual	Normative	
Addcap for 2026 - 2027			
Equity		343.41	
Debt		801.29	
Total		1,144.70	
Addcap for 2027 - 2028			
Equity		66.66	
Debt		155.53	
Total		222.19	
Addcap for 2028 - 2029			
Equity		0.00	
Debt		0.00	
Total		0.00	
Total Capital cost with Addcap		2,359.56	

(Petitioner)

Form No. - 7

Statement of Additional Capitalisation after COD

Name of the Transmission Licensee	POWERGRID Khavda II-C TRANSMISSION LIMITED		
Project	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Element Description	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Region	Corporate Centre	DOCO Date	Jun 9, 2026

(Amount in Rs. Lakh)

Particulars	Addition into Gross Block as per books of Account during the year (2)	De-Cap into Gross Block as per books of Account during the year	Less: Deductions dr. the year towards				Add: Discharge of earlier admitted liability	ACE on cash basis for tariff purpose	Admitted Cost in final tariff (Rs Lakh)
			Grants Received (if any) (3)	Asset pertaining to other business (If any) (4)	Other Deduct ion (if any) (5)	Less: Un-discharged liability included in (2-4-5)			
ACE for the year :2024-25 (Actual/Projected)									
Land (Freehold Land)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building & Civil Works	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transmission Lines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Substations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Land (Leasehold)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Batteries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE for the year :2025-26 (Actual/Projected)									

Land (Freehold Land)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building & Civil Works	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transmission Lines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Substations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Land (Leasehold)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Batteries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACE for the year :2026-27 (Actual/Projected)									
Land (Freehold Land)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building & Civil Works	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transmission Lines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Substations	74.99	0.00	0.00	0.00	0.00	0.00	1,016.03	1,091.02	0.00
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	0.00	0.00	25.44	25.44	0.00
Land (Leasehold)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	0.00	0.00	28.24	28.24	0.00
Batteries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	74.99	0.00	0.00	0.00	0.00	0.00	1,069.71	1,144.70	0.00
ACE for the year :2027-28 (Actual/Projected)									
Land (Freehold Land)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building & Civil Works	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Transmission Lines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Substations	0.00	0.00	0.00	0.00	0.00	0.00	222.19	222.19	0.00
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Land (Leasehold)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Batteries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	222.19	222.19	0.00
ACE for the year :2028-29 (Actual/Projected)									
Land (Freehold Land)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building & Civil Works	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transmission Lines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Substations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Comm. Sys. excluding Fiber Optic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Land (Leasehold)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Batteries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

(Petitioner)

Form No. - 7A

Financing of Additional Capitalisation

Name of the Transmission Licensee	POWERGRID Khavda II-C TRANSMISSION LIMITED		
Project	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Element Description	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Region	Corporate Centre	DOCO Date	Jun 9, 2026

(Amount in Rs. Lakh)

Financial Year (Starting of COD)	Actual/Projected					Admitted				
	2024-25	2025-26	2026-27	2027-28	2028-29	2024-25	2025-26	2026-27	2027-28	2028-29
Amount capitilized in Work/ Equipment										
Financing Details										
Total Loan	0.00	0.00	801.29	155.53	0.00					
Equity	0.00	0.00	343.41	66.66	0.00					
Total	0.00	0.00	1,144.70	222.19	0.00					

(Petitioner)

Form No. - 8

Calculation of ROE

Name of the Transmission Licensee	POWERGRID Khavda II-C TRANSMISSION LIMITED		
Project	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Element Description	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Region	Corporate Centre	DOCO Date	Jun 9, 2026

(Amount in Rs. Lakh)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
No. of Days in the year	0.00	0.00	365.00	366.00	365.00
No. of days for which tariff claimed	0.00	0.00	296.00	366.00	365.00
Opening Normative Equity	0.00	0.00	297.80	641.21	707.87
Less: Adjustment in Equity*	0.00	0.00	0.00	0.00	0.00
Adjustment during the year	0.00	0.00	0.00	0.00	0.00
Net opening equity (Normal)	0.00	0.00	297.80	641.21	707.87
Add: Increase in Equity due to addition during the year / period	0.00	0.00	22.50	0.00	0.00
Less: Decrease due to de-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
Add: Increase due to discharge during the year / period	0.00	0.00	320.91	66.66	0.00
Closing Normative Equity	0.00	0.00	641.21	707.87	707.87
Average Normative Equity	0.00	0.00	469.51	674.54	707.87
Rate of return on Equity (%)	0.00	0.00	15.00	15.00	15.00
Reduced rate of 1% decided by commission under Regulation 30(2) (if any)	0.00	0.00	0.00	0.00	0.00
Effective rate of ROE	0.00	0.00	15.00	15.00	15.00
MAT/Corporate Rate	0.00	0.00	0.00	0.00	0.00
Grossed up rate of ROE	0.00	0.00	15.00	15.00	15.00
Return on Equity	0.00	0.00	70.43	101.18	106.18
Pro rata return on Equity	0.00	0.00	57.12	101.18	106.18

(Petitioner)

Form No. - 9C

Calculation of WAR of interest on actual loan

Name of the Transmission Licensee	POWERGRID Khavda II-C TRANSMISSION LIMITED		
Project	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Element Description	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Region	Corporate Centre	DOCO Date	Jun 9, 2026

(Amount in Rs. Lakh)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
SBI-06 -DOCO LOAN					
Gross Loan- Opening	0.00	0.00	1.00	1.00	1.00
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00
Net loan-Opening	0.00	0.00	1.00	1.00	1.00
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	0.00	0.00	0.00	0.00
Net Loan-Closing	0.00	0.00	1.00	1.00	1.00
Average Net Loan	0.00	0.00	1.00	1.00	1.00
Rate of Interest on Loan on Annual Basis	0.00	0.00	6.80	6.80	6.80
Interest on loan	0.00	0.00	0.068	0.068	0.068

SBI-06 -DOCO LOAN					
Gross Loan- Opening	0.00	0.00	522.78	522.78	522.78
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00
Net loan-Opening	0.00	0.00	522.78	522.78	522.78
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	0.00	0.00	0.00	0.00
Net Loan-Closing	0.00	0.00	522.78	522.78	522.78

Average Net Loan	0.00	0.00	522.78	522.78	522.78
Rate of Interest on Loan on Annual Basis	0.00	0.00	6.80	6.80	6.80
Interest on loan	0.00	0.00	35.549	35.549	35.549

UBI-01 (5000) -DOCO LOAN					
Gross Loan- Opening	0.00	0.00	16.00	16.00	16.00
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00
Net loan-Opening	0.00	0.00	16.00	16.00	16.00
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	0.00	0.00	0.00	0.00
Net Loan-Closing	0.00	0.00	16.00	16.00	16.00
Average Net Loan	0.00	0.00	16.00	16.00	16.00
Rate of Interest on Loan on Annual Basis	0.00	0.00	6.65	6.65	6.65
Interest on loan	0.00	0.00	1.064	1.064	1.064

UBI-01 (5000) -DOCO LOAN					
Gross Loan- Opening	0.00	0.00	123.00	123.00	123.00
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00
Net loan-Opening	0.00	0.00	123.00	123.00	123.00
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	0.00	0.00	0.00	0.00
Net Loan-Closing	0.00	0.00	123.00	123.00	123.00
Average Net Loan	0.00	0.00	123.00	123.00	123.00
Rate of Interest on Loan on Annual Basis	0.00	0.00	6.65	6.65	6.65
Interest on loan	0.00	0.00	8.1795	8.1795	8.1795

SBI-07 -ACC IDC 2026-27					
Gross Loan- Opening	0.00	0.00	0.00	5.37	5.37
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00
Net loan-Opening	0.00	0.00	0.00	5.37	5.37
Add: Drawl(s) during the year	0.00	0.00	5.37	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	0.00	0.00	0.00	0.00
Net Loan-Closing	0.00	0.00	5.37	5.37	5.37
Average Net Loan	0.00	0.00	2.69	5.37	5.37
Rate of Interest on Loan on Annual Basis	0.00	0.00	6.69	6.69	6.69
Interest on loan	0.00	0.00	0.18	0.3593	0.3593

SBI-07 -DOCO LOAN					
Gross Loan- Opening	0.00	0.00	31.95	31.95	31.95
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00
Net loan-Opening	0.00	0.00	31.95	31.95	31.95
Add: Drawl(s) during the year	0.00	0.00	0.00	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	0.00	0.00	0.00	0.00
Net Loan-Closing	0.00	0.00	31.95	31.95	31.95
Average Net Loan	0.00	0.00	31.95	31.95	31.95
Rate of Interest on Loan on Annual Basis	0.00	0.00	6.69	6.69	6.69
Interest on loan	0.00	0.00	2.1375	2.1375	2.1375

Summary					
Gross Loan- Opening	0.00	0.00	694.73	700.10	700.10
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00

Net loan-Opening	0.00	0.00	694.73	700.10	700.10
Add: Drawl(s) during the year	0.00	0.00	5.37	0.00	0.00
Less: Repayment(s) of loan during the year	0.00	0.00	0.00	0.00	0.00
Net Loan-Closing	0.00	0.00	700.10	700.10	700.10
Average Net Loan	0.00	0.00	697.42	700.10	700.10
Rate of Interest on Loan on Annual Basis	0.00	0.00	6.7646	6.7644	6.7644
Interest on loan	0.00	0.00	47.178	47.3573	47.3573

(Petitioner)

Form No. - 9E

Calculation of interest on Normative loan

Name of the Transmission Licensee	POWERGRID Khavda II-C TRANSMISSION LIMITED		
Project	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Element Description	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Region	Corporate Centre	DOCO Date	Jun 9, 2026

(Amount in Rs. Lakh)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
No. of Days in the Year	0.00	0.00	365.00	366.00	365.00
No. of days for which Tariff claimed	0.00	0.00	296.00	366.00	365.00
Gross normative loan-Opening	0.00	0.00	694.87	1,496.16	1,651.69
Cumulative repayments of Normative loan upto previous year	0.00	0.00	0.00	78.31	206.61
Net normative loan-Opening	0.00	0.00	694.87	1,417.85	1,445.08
Addition in normative loan towards the ACE	0.00	0.00	801.29	155.53	0.00
Adjustment of normative gross loan pertaining to the decapitalised asset	0.00	0.00	0.00	0.00	0.00
Normative repayments of normative loan during the year	0.00	0.00	78.31	128.30	132.99
Adjustment of cumulative repayment pertaining to the decapitalised asset	0.00	0.00	0.00	0.00	0.00
Net normative loan - closing	0.00	0.00	1,417.85	1,445.08	1,312.09
Average normative loan	0.00	0.00	1,056.36	1,431.47	1,378.59
Weighted Average Rate of interest on actual loan	0.00	0.00	6.7646	6.7644	6.7644
Interest on normative loan	0.00	0.00	71.46	96.83	93.25
Pro rata interest on normative loan	0.00	0.00	57.95	96.83	93.25

(Petitioner)

Calculation of Depreciation Rate on Original Project Cost

Form No. - 10

Name of the Transmission Licensee	POWERGRID Khavda II-C TRANSMISSION LIMITED		
Project	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Element Description	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Region	Corporate Centre	DOCO Date	Jun 9, 2026

(Amount in Rs. Lakh)

Name of Assets	Gross block at the beginning of the year	Add Cap during the year	Gross block at the end of the year	Average Gross Block	Depreciation Rate as per CERC's Depreciation Rate Schedule	Depreciation Amount for each year upto 31.03.2029
2026-27						
Land(Freehold)	0.00	0.00	0.00	0.00	0.00	0.00
Civil & Building	0.00	0.00	0.00	0.00	3.34	0.00
Leasehold Land	0.00	0.00	0.00	0.00	3.34	0.00
Transmission Line	0.00	0.00	0.00	0.00	4.22	0.00
Sub Station	736.38	1,091.02	1,827.40	1,281.89	4.22	43.87
Comm. Sys. excluding Fiber Optic	121.46	25.44	146.90	134.18	15.00	16.32
IT/Software/UNMS/URTDSM/ SCADA,etc	134.83	28.24	163.07	148.95	15.00	18.12
Batteries	0.00	0.00	0.00	0.00	9.50	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	6.33	0.00
TOTAL	992.67	1,144.70	2,137.37	1,565.02	0.00	78.31
Weighted Average Rate of Depreciation(%)					5.00377	
2027-28						
Land(Freehold)	0.00	0.00	0.00	0.00	0.00	0.00

Civil & Building	0.00	0.00	0.00	0.00	3.34	0.00
Transmission Line	0.00	0.00	0.00	0.00	4.22	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	6.33	0.00
Sub Station	1,827.40	222.19	2,049.59	1,938.50	4.22	81.80
Comm. Sys. excluding Fiber Optic	146.90	0.00	146.90	146.90	15.00	22.04
Leasehold Land	0.00	0.00	0.00	0.00	3.34	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	163.07	0.00	163.07	163.07	15.00	24.46
Batteries	0.00	0.00	0.00	0.00	9.50	0.00
TOTAL	2,137.37	222.19	2,359.56	2,248.47	0.00	128.30
Weighted Average Rate of Depreciation(%)					5.706102	

2028-29						
Land(Freehold)	0.00	0.00	0.00	0.00	0.00	0.00
Civil & Building	0.00	0.00	0.00	0.00	3.34	0.00
Transmission Line	0.00	0.00	0.00	0.00	4.22	0.00
Sub Station	2,049.59	0.00	2,049.59	2,049.59	4.22	86.49
Comm. Sys. excluding Fiber Optic	146.90	0.00	146.90	146.90	15.00	22.04
Leasehold Land	0.00	0.00	0.00	0.00	3.34	0.00
IT/Software/UNMS/URTDSM/ SCADA,etc	163.07	0.00	163.07	163.07	15.00	24.46
Batteries	0.00	0.00	0.00	0.00	9.50	0.00
Fiber Optic/OPGW	0.00	0.00	0.00	0.00	6.33	0.00
TOTAL	2,359.56	0.00	2,359.56	2,359.56	0.00	132.99
Weighted Average Rate of Depreciation(%)					5.63622	

(Petitioner)

Form No. - 10A

Statement of Depreciation

Name of the Transmission Licensee	POWERGRID Khavda II-C TRANSMISSION LIMITED		
Project	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Element Description	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Region	Corporate Centre	DOCO Date	Jun 9, 2026

(Amount in Rs. Lakh)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
No of Days in the year	0.00	0.00	365.00	366.00	365.00
No of days for which tariff claimed	0.00	0.00	296.00	366.00	365.00
Life at the beginning of the year					
1.1 Weighted Average useful life of the Asset/ Project	0.00	0.00	20.00	20.00	20.00
1.2 Lapsed Weighted Average useful life of the Asset/Project(in completed no. of year)	0.00	0.00	0.00	0.00	1.00
1.3 Balance Weighted Average useful life of the Asset/Project(in completed no. of year)	0.00	0.00	20.00	20.00	19.00
Capital Base					
1.4 Opening capital cost	0.00	0.00	992.67	2,137.37	2,359.56
1.5 Additional Capital Expenditure dr. the year	0.00	0.00	1,144.70	222.19	0.00
1.6 De-Capitalisation During the year	0.00	0.00	0.00	0.00	0.00
1.7 Closing capital cost	0.00	0.00	2,137.37	2,359.56	2,359.56
1.8 Average capital cost	0.00	0.00	1,565.02	2,248.47	2,359.56
1.9 Freehold land included in 1.8	0.00	0.00	0.00	0.00	0.00
1.10 Asset having NIL salvage value included in 1.8	0.00	0.00	148.95	163.07	163.07
1.11 Asset having 10% salvage value included in 1.8	0.00	0.00	1,416.07	2,085.40	2,196.49
1.12 Depreciable Value(1.10+90% of 1.11)	0.00	0.00	1,423.41	2,039.93	2,139.91
Depreciation for the period and Cum. Depreciation					
1.13 Weighted Average Rate of depreciation	0.00	0.00	5.00377	5.706102	5.63622

1.14 Depreciation(for the period)	0.00	0.00	78.31	128.30	132.99
1.15 Depreciation(Annualised)	0.00	0.00	78.31	128.30	132.99
Unrecovered Depreciation for DECAP	0.00	0.00	0.00	0.00	0.00
1.16 Cumulative depreciation at the beginning of the period	0.00	0.00	0.00	78.31	206.61
1.17 Less:Adj of Cum. Dep pertaining to decapitalised Asset	0.00	0.00	0.00	0.00	0.00
1.18 Cumulative depreciation at the end of the period	0.00	0.00	78.31	206.61	339.60

(Petitioner)

Form No. - 11

Calculation of interest on working Capital

Name of the Transmission Licensee	POWERGRID Khavda II-C TRANSMISSION LIMITED		
Project	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Element Description	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Region	Corporate Centre	DOCO Date	Jun 9, 2026

(Amount in Rs. Lakh)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
No of Days in the year	0.00	0.00	365.00	366.00	365.00
No of days for which tariff claimed	0.00	0.00	296.00	366.00	365.00
O&M Expenses-one month	0.00	0.00	8.18	8.61	9.06
Maintenance spares 15% of O&M Expenses	0.00	0.00	14.72	15.49	16.30
Receivables equivalent to 45 days of AFC	0.00	0.00	42.46	53.97	55.58
Total Working capital	0.00	0.00	65.36	78.07	80.94
Bank Rate as on 01.04.2024 or as on 01st April of the COD year,whichever is later.	0.00	0.00	11.95	11.95	11.95
Interest on working capital	0.00	0.00	7.81	9.33	9.67
Pro rata interest on working capital	0.00	0.00	6.33	9.33	9.67

(Petitioner)

PART-III
FORM-12A

Incidental Expenditure During Construction

Name of the Petitioner	**POWERGRID Khavda-II C Transmission Limited**
Name of Region:	**SR-I**
Name of the Project :	**Ananthapuram Kurnool TBCB Transmission System Project (earlier part of Powergrid Ananthpuram Kurnool Transmission Limited)**
Name of the Transmission Element :	**Implementation of 03 Nos of 400 kV Line Bays at Ananthapuram PS for integration of RE Generation Projects under RTM route**
Date of Commercial Operation:	**09.06.2026**

(Amount in Rs. Lakh)

S. No.	Parameters	2024-25	2025-26	Total
A	**Expenses:**			
1	Employees' Remuneration & Benefits	-	-	-
2	Finance Costs	-	-	-
3	Water Charges	-	-	-
4	Communication Expenses	-	-	-
5	Power Charges	-	-	-
6	Depreciation	-	-	-
7	Other Office and Administrative Expenses	-	-	-
8	Others-Consultancy Charges	60.73	65.93	126.66
9	Other pre-Operating Expenses			-
	Sub Total A	**60.73**	**65.93**	**126.66**
B	**Less: Income**			
1	Less: Income from sale of tenders			-
2	Less: Income from guest house			-
3	Less: Income recovered from Contractors			-
4	Less: Interest on Deposits			-
	Sub Total B	**-**	**-**	**-**
				-
	TOTAL (A-B)	**60.73**	**65.93**	**126.66**

Form No. - 12B

Drawdown schedule Calculation of IDC & Financing Charges

Name of the Transmission Licensee	POWERGRID Khavda II-C TRANSMISSION LIMITED		
Project	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Element Description	Implementation of 03 Nos. of 400 kV Line Bays at Ananthapuram PS for Integration of RE Generation Projects		
Region	Corporate Centre	DOCO Date	Jun 9, 2026

(Amount in Rs. Lakh)

Particulars	Quarter 1			Quarter 2			Quarter n (COD)		
	Quantum in FC	Ex. Rate on Drawn Down Date	Amount in Indian Rupee	Quantum in FC	Ex. Rate on Drawn Down Date	Amount in Indian Rupee	Quantum in FC	Ex. Rate on Drawn Down Date	Amount in Indian Rupee
Loans									
Foreign Loans									
Total of Foreign Loans									
Indian Loans									
SBI-06 -DOCO LOAN									
Draw Down Account									1.00
IDC									
Financing Charges									
SBI-06 -DOCO LOAN									

Draw Down Account									522.78
IDC									
Financing Charges									
UBI-01 (5000) -DOCO LOAN									
Draw Down Account									16.00
IDC									
Financing Charges									
UBI-01 (5000) -DOCO LOAN									
Draw Down Account									123.00
IDC									
Financing Charges									
SBI-07 -DOCO LOAN									
Draw Down Account									31.95
IDC									
Financing Charges									
Total of Indian Loans									694.73

Total of Loan Drawn									694.73

(Petitioner)

Part III
FORM -13

Details of Initial Spares

Name of the petitioner	POWERGRID KHAVDA II-C TRANSMISSION LIMITED	
Claimed / Admitted COD	09.06.2026	**Cut-off Date of the Asset: 31.03.2029**

A) Determination of Excess initials spare and its adjustment from Capital cost

Particulars	**Plant and machinery cost as on cut-off Date[1]**	**Initial Spare Capitalised as per Books of Account up to Cut-off Date**					**Ceiling limit as mentioned in Regulations 23**	**Entitled Initial Spare as per Regulations**	**Excess of capitalised Initial Spare to be reduced from Capital cost.**	**Adjustment of Excess Initial Spare from Capital cost of Plant and Machinery**			
		As on COD	**As ACE dr. Y1**	**As ACE dr. Y2**	**As ACE dr. Y3**	**Total as on Cut off Date[3]**				COD	ACE for Y1	ACE for Y2	ACE for Y3
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	9	10=7-9(Note 2)	11	12	13	14
Transmission Line						0.00	1.00%	0.00					
Substation Green field							4.00%						
Substation Brown Field	2221.86	23.40	23.40			46.80	6.00%	133.31					
Series Compensation devices and HVDC Station							4.00%						
GIS/S- Green field							5.00%						
GIS/S-Brown field							7.00%						
Communication System							3.50%						
Static Synchronous Compensator						0	6.00%	0	0				
initial spare as per Books of Account													
Un-Discharge liabilities included above													
Total Capitalized initial spare													

Note: 1) Plant and machinery cost as on cut-off Date for the purpose of initial spare (As computed in Col.L of the below table)
2) The column 10 has to be shown as nil in case the claimed initial spare is with in the ceiling limit.
3) Total cost should be excluding IDC and IEDC.

Form-13 B) Determination of Plant & Machinery Cost for ceiling of initial spare.											
Particulars	**Gross Block of Asset as on COD**	**Less: Amount included in Col. B towards**					**Plant and machinery cost as on COD for Initial Spare purpose**	**Plant & Machinery Capitalised as ACE up to cut off date**			**Plant and machinery cost as on cut-off Date for the purpose of initial spare**
		Land Cost	**Cost of Civil Works**	**IEDC**	**IDC**	**Initial Spare**		**Year -1**	**Year-2**	**Year-3**	
a	**b**	**c**	**d**	**e**	**f**	**g**	**h=b-c-d-e-f-g**	i	j	k	l=h+i+j+k
Transmission Line											
Substation Green field											-
Substation Brown Field	2284.37			126.66	10.84	46.80	2100.07	74.99			2,175.06
Series Compensation devices and HVDC Station											
Gas Insulated Substation-Green field											
Gas Insulated Substation-Brown field											
Communication System											
Static Synchronous Compensator											
Note: The Cost details for the year in which Cut-off date falls has to be provide only up to the cut-off date.											

(Petitioner)

Summary of issue involved in the petition

PART-III
FORM- 15

1. Name of the Petitioner	POWERGRID KHAVDA II-C TRANSMISSION LIMITED
2. Petition Category	Transmission
3. Tariff Period	2024-29
4. Name of the Project	Implementation of 03 Nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects
5. Investment Approval date	05-11-2024
6. SCOD of the Project	31-03-2026
7. Actual COD of the project	09-06-2026
8. Whether entire scope is covered in the present petition.	Yes
9. No. of Assets covered in instant petition	1
10. No. of Assets having time over run	1
11. Estimated Project Cost as per IA	Rs.29.86 Cr
12. Is there any REC? if so, provide the date	N.A
13. Revised Estimated Project Cost (if any)	N.A
14. Completion cost for all the assets covered in the instant petition.	Rs.23.59Cr
15. No. of Assets covered in instant petition and having cost overrun.	01

16 **Prayer in brief**

17 **Key details and any Specific issue involved:**

18 **Respondents**

	Name of Respondents
1	Tamil Nadu Generation and Distribution Corporation Ltd
2	Kerala State Electricity Board Ltd (KSEBL)
3	Electricity Department, Government of Goa
4	Electricity Department, Govt. of Pondicherry
5	Eastern Power Distribution Company of Andhra Pradesh Limited (APEPDCL)
6	Southern Power Distribution Company of Andhra Pradesh Ltd (APSPDCL)
7	Andhra Pradesh Central Power Distribution Company Limited (APCPDCL)
8	Southern Power Distribution Company of Telangana Limited (TSSPDCL)
9	Northern Power Distribution Company of Telangana Limited (TSNPDCL)
10	Bangalore Electricity Supply Company Ltd., (BESCOM)
11	Gulbarga Electricity Supply Company Ltd. (GESCOM)
12	Hubli Electricity Supply Company Ltd. (HESCOM)
13	Mangalore Electricity Supply Company Ltd. (MESCOM)
14	Chamundeswari Electricity Supply Corporation Ltd. (CESC)
15	Central Transmission Utility of India Ltd.
16	M/s Renew Vikram Shakti Pvt. Ltd
17	M/s ABC Cleantech Pvt Ltd

(Petitioner)

PART-III

Summary of Capital Cost & Annual Fixed Cost (AFC) Claimed for ALL the assets covered in the present petition.	
Name of the Petitioner	POWERGRID KHAVDA II-C TRANSMISSION LIMITED
Tariff Period	2024-29
Name of the Transmission Project	Implementation of 03 Nos. of 400kV line bays at Ananthapuram PS for integration of RE generation projects
COD of the Project (if entire scope of project is completed)	09.06.2026

6

A) Summary of Capital Cost as on COD and Additional Capital Expenditure claimed for all the assets Covered in the instant petition.

S. No.	Asset No.	COD	Cut-off Date	***i) Apportioned***		**ii) Summary of Actual / Projected Capital Cost**							
				As per Investment approval	As per RCE	As on COD/ 31.03.2024	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**2028-29**	**Capital Cost as on 31.03.2029**	**Total Completion Cost**
		1	2	3	4	5	6	7	8	9	10	11=(5+6+7 +8+9+10)	12
1	Asset-1A	09.06.2026	31.03.2030	2986.00		1000.34	0	0	1137.03	222.19	0	2359.56	2359.56
Total Capital Cost Claimed				2986.00	-	1000.34	0.00	0.00	1137.03	222.19	0.00	2359.56	2359.56

B) Summary of Annual Fixed Cost (AFC) claimed for all the assets covered in the instant petition.

S. No.	Asset No.	Asset Name and its location	2024-25	2025-26	2026-27	2027-28	2028-29
1	Asset-1	765/400kV, 1500 MVA ICT (3rd) (4x500 MVA units including one spare unit) along with associated bays and equipment	0	0	279.29	438.93	450.78
Total AFC for all the Assets			**0.00**	**0.00**	**279.29**	**438.93**	**450.78**

Note: 1) The purpose of this form is to summarise the Capital cost & AFC claimed for all the assets covered in the instant petition.

(Petitioner)

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INDEX **PART-III**

Checklist of Forms and other information/ documents for tariff filing for Transmission System& Communication System

Form No.	Title of Tariff Filing Forms (Transmission& Communication System)	Tick
FORM- 1	Summary of Tariff	✓
FORM- 1A	Summary of Asset level cost	✓
FORM-2	Details of Transmission Lines and Substations and Communication System covered in the project scope and O&M for instant asset	✓
FORM-3	Normative parameters considered for tariff computations	✓
FORM- 4	Abstract of existing transmission assets/elements under project, Determination of Effective COD and Weighted Average Life for single AFC for the project as	✓
FORM- 4A	Statement of Capital cost	✓
FORM- 4B	Statement of Capital Works in Progress	✓
FORM- 4C	Abstract of Capital Cost Estimates and Schedule of Commissioning for the New Project/Element	✓
FORM-5	Element wise Break-up of Project/Asset/Element Cost for	✓
FORM-5A	Break-up of Construction/Supply/Service packages	✓
FORM-5B	Details of all the assets covered in the project	✓
FORM- 6	Actual Cash Expenditure and Financial Package up to COD	✓
FORM- 7	Statement of Additional Capitalisation after COD	✓
FORM- 7A	Financing of Additional Capitalisation	✓
FORM- 7B	Statement of Additional Capitalisation during five year before the end of the useful life of the project.	✓
FORM- 8	Calculation of Return on Equity	✓
FORM-8A	Details of Foreign Equity	**NA**
FORM-9	Details of Allocation of corporate loans to various transmission	**NA**
FORM-9A	Details of Project Specific Loans	✓
FORM-9B	Details of Foreign loans	**NA**
FORM-9C	Calculation of Weighted Average Rate of Interest on Actual Loans	✓
FORM-9D	Loans in Foreign Currency	**NA**
FORM-9E	Calculation of Interest on Normative Loan	✓
FORM- 10	Calculation of Depreciation Rate on original project cost	✓
FORM- 10A	Statement of Depreciation	✓
FORM- 10B	Statement of De-capitalisation	✓
FORM- 11	Calculation of Interest on Working Capital	✓
FORM- 12	Details of time over run	✓
FORM- 12A	Incidental Expenditure during Construction	✓
FORM- 12B	Calculation of IDC & Financing Charges	✓
FORM- 13	Details of Initial spares	✓
FORM- 14	Non-Tariff Income	**NA**
FORM- 15	Summary of issue involved in the petition	✓
FORM A	Summary of Capital Cost & Annual Fixed Cost (AFC) Claimed for ALL	✓

Other Information/ Documents		
S. No.	**Information/Document**	**Tick**
1	Certificate of incorporation, Certificate for Commencement of Business, Memorandum of Association, & Articles of Association (For New Project(s) setup by a company making tariff application for the first time to CERC)	**NA**
2	Region wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & Annexure for the new Transmission System & Communication System for the relevant years.	**NA**
3	Copies of relevant loan Agreements	**NA**
4	Copies of the approval of Competent Authority for the Capital Cost and Financial package.	**NA**
5	Copies of the Equity participation agreements and necessary approval for the foreign equity.	**NA**
6	Copies of the BPTA/TSA/PPA with the beneficiaries, if any	**NA**
7	Detailed note giving reasons of cost and time over run, if applicable. List of supporting documents to be submitted: a. Detailed Project Report b. CPM Analysis c. PERT Chart and Bar Chart d. Justification for cost and time Overrun	✓
8	Transmission Licensee shall submit copy of Cost Audit Report along with cost accounting records, cost details, statements, schedules etc. for the transmission system as submitted to the Govt. of India for first two years i.e. 2019-20 and 2020-21 at the time of mid-term true-up in 2021-22 and for balance period of tariff period 2019-24 at the time of final true-up in 2024-25. In case of initial tariff filing the latest available Cost Audit Report should be furnished.	**NA**
9.	BBMB is maintaining the records as per the relevant applicable Acts. Formats specified herein may not be suitable to the available information with BBMB. BBMB may modify formats suitably as per available information to them for submission of required information for tariff purpose.	**NA**
10.	Any other relevant information, (Please specify)	**NA**
Note 1: Electronic copy of the petition (in words format) and detailed calculation as per these formats (in excel format) and any other information submitted has to be uploaded in the e-filing website and shall also be furnished in pen drive/flash drive.		

(Petitioner)

BIPIN BIHARI RATH

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