सत्यमेव जयते

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
विद्युत प्रणाली संचार विकास प्रभाग
Power System Communication Development Division
****

On behalf of
Central Level Power & Telecommunication Co-ordination Committee

No: As assigned **Date:** As assigned

Subject: Provisional Certificate of Approval for the Route of Power Line of M/s Adani Green Energy Twenty Four Limited.

Provisional Route Approval Certificate for the following listed lines of M/s Adani Green Energy Twenty Four Limited is annexed to this letter:

S.No.	Name
1	33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0108 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 1 & 2 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 3.490 kms)
2	33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0314 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 3 & 4 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 5.706 kms)
3	33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0315 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 5 & 9 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 8.233 kms)
4	33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0316 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 6 & 8 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 7.097 kms)
5	33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0415 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 11 & 12 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 4.122 kms)
6	33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0416 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 7 & 10 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 4.313 kms)

Chief Engineer

Digitally signed by
Suman Kumar Maharana
Date: 04-02-2026
17:43:32

To,

1.	M/s Adani Green Energy Twenty Four Limited	Adani Shanti Gram, Ahmedabad, Gujarat

CEA Case No.: GUJ-1061

Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0108 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 1 & 2 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 3.490 kms) particulars of which are given in Annexure I.**

The approval is for the route only and is subject to the following conditions.

1. The approval is based on the Power system/ Telecom system conditions' details as reported by the Power supply authority/ Telecom authority at present. Any changes either to Transmission line or the Power system or the paralleling telecommunication lines which are likely to alter the low frequency induction from the estimated at present should be reported to PTCC for its prior approval.
2. The Power and Telecommunication authorities shall be required to adopt such measures as may be recommended by PTCC for counteracting any interference that might arise when the EHT line is in normal operation.
3. Each crossing should satisfy the conditions as laid down in Para 6 -10 of PTCC Code of Practice for crossings.
4. The angle of crossing shall be 90 degrees but in no case less than 60 degrees.
5. The power line shall be equipped with protective switchgear such that the duration of earth current shall be as short as possible but never exceeding 0.5 seconds.
6. The power line shall be energized within a mutually acceptable time limit after obtaining a Certificate from the concerned Telecom and/or Railway authority regarding completion of provision of all protective measures as recommended by PTCC and also under specific clearance from the Telecom and/or Railway authority maintaining the Telecom system.
7. The energization of Extra High Tension power lines would not be held up for want of installation of GD tubes on telecom lines when the induced voltages are in the range of 430 to 650 V.
8. The telecom line shall be commissioned within a mutually acceptable time after completing provision of all protective measures as recommended by PTCC and also after obtaining specific clearance from the Power authority, if certain measures as recommended by PTCC are to be carried out on power system.
9. The later entrant in the field shall bear the entire cost of providing GD tubes and their fitting as recommended by PTCC, including 15% spares and/or any other protective measures as recommended by PTCC.
10. The route approval shall be subject to special conditions as laid down under Annexure II.

Annexure I

1		
(a)	Name of the Power Supply authority seeking approval	M/s Adani Green Energy Twenty Four Limited
(b)	Reference number & date:	Khavda/PSS-5/AGE24L/PTCC33kV UG/01 dated 01.11.2025 E-mail dated 03.02.2026
(c)	Name of the Power line	33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0108 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 1 & 2 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 3.490 kms)
(d)	Length of Power line:	3.490 kms
(e)	Operating Voltage	33 kV
(f)	Number of circuits	1
2		
(a)	Names of parallel telecom lines:	As per Annexure-II
(b)	Length of parallelism:	As per Annexure-II
3	Average value of earth resistivity in the region:	30000 ohm-cms
4	Whether LF test necessary:	No
5	Special conditions subject to which this certificate will be effective	As per Annexure-II

Annexure II

Name of the Power Line: 33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0108 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 1 & 2 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 3.490 kms)

1. **BSNL Telecom Details:**
   DET, PTCC (WZ), BSNL vide letter dated IC/MBI/PTCC/Offline/GUJ-3182 dated 09.01.2026 has given their NOC for charging of the line.

2. **Railway Telecom Details:**
   Dy. CSTE, Telecom, Western Railway vide letter SG.158/28/12/1694 dated 05.12.2025 has given their NOC for charging of the line.

3. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
Solar IDT	13.39	25	0.3	220	141	1	NA

Telecom authorities to ensure the protection of telecom equipment and personnel within the EPR zone of the proposed substation at the cost of the later entrant.

CEA Case No.: GUJ-1061

Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0314 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 3 & 4 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 5.706 kms) particulars of which are given in Annexure III.**

The approval is for the route only and is subject to the following conditions.

1. The approval is based on the Power system/ Telecom system conditions' details as reported by the Power supply authority/ Telecom authority at present. Any changes either to Transmission line or the Power system or the paralleling telecommunication lines which are likely to alter the low frequency induction from the estimated at present should be reported to PTCC for its prior approval.
2. The Power and Telecommunication authorities shall be required to adopt such measures as may be recommended by PTCC for counteracting any interference that might arise when the EHT line is in normal operation.
3. Each crossing should satisfy the conditions as laid down in Para 6 -10 of PTCC Code of Practice for crossings.
4. The angle of crossing shall be 90 degrees but in no case less than 60 degrees.
5. The power line shall be equipped with protective switchgear such that the duration of earth current shall be as short as possible but never exceeding 0.5 seconds.
6. The power line shall be energized within a mutually acceptable time limit after obtaining a Certificate from the concerned Telecom and/or Railway authority regarding completion of provision of all protective measures as recommended by PTCC and also under specific clearance from the Telecom and/or Railway authority maintaining the Telecom system.
7. The energization of Extra High Tension power lines would not be held up for want of installation of GD tubes on telecom lines when the induced voltages are in the range of 430 to 650 V.
8. The telecom line shall be commissioned within a mutually acceptable time after completing provision of all protective measures as recommended by PTCC and also after obtaining specific clearance from the Power authority, if certain measures as recommended by PTCC are to be carried out on power system.
9. The later entrant in the field shall bear the entire cost of providing GD tubes and their fitting as recommended by PTCC, including 15% spares and/or any other protective measures as recommended by PTCC.
10. The route approval shall be subject to special conditions as laid down under Annexure IV.

Annexure III

1		
(a)	Name of the Power Supply authority seeking approval	M/s Adani Green Energy Twenty Four Limited
(b)	Reference number & date:	Khavda/PSS-5/AGE24L/PTCC33kV UG/01 dated 01.11.2025 E-mail dated 03.02.2026
(c)	Name of the Power line	33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0314 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 3 & 4 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 5.706 kms)
(d)	Length of Power line:	5.706 kms
(e)	Operating Voltage	33 kV
(f)	Number of circuits	1
2		
(a)	Names of parallel telecom lines:	As per Annexure-IV
(b)	Length of parallelism:	As per Annexure-IV
3	Average value of earth resistivity in the region:	30000 ohm-cms
4	Whether LF test necessary:	No
5	Special conditions subject to which this certificate will be effective	As per Annexure-IV

Annexure IV

Name of the Power Line: 33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0314 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 3 & 4 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 5.706 kms)

1. **BSNL Telecom Details:**
   DET, PTCC (WZ), BSNL vide letter dated IC/MBI/PTCC/Offline/GUJ-3182 dated 09.01.2026 has given their NOC for charging of the line.

2. **Railway Telecom Details:**
   Dy. CSTE, Telecom, Western Railway vide letter SG.158/28/12/1694 dated 05.12.2025 has given their NOC for charging of the line.

3. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
Solar IDT	13.39	25	0.3	220	141	1	NA

Telecom authorities to ensure the protection of telecom equipment and personnel within the EPR zone of the proposed substation at the cost of the later entrant.

CEA Case No.: GUJ-1061

Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0315 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 5 & 9 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 8.233 kms) particulars of which are given in Annexure V.**

The approval is for the route only and is subject to the following conditions.

1. The approval is based on the Power system/ Telecom system conditions' details as reported by the Power supply authority/ Telecom authority at present. Any changes either to Transmission line or the Power system or the paralleling telecommunication lines which are likely to alter the low frequency induction from the estimated at present should be reported to PTCC for its prior approval.
2. The Power and Telecommunication authorities shall be required to adopt such measures as may be recommended by PTCC for counteracting any interference that might arise when the EHT line is in normal operation.
3. Each crossing should satisfy the conditions as laid down in Para 6 -10 of PTCC Code of Practice for crossings.
4. The angle of crossing shall be 90 degrees but in no case less than 60 degrees.
5. The power line shall be equipped with protective switchgear such that the duration of earth current shall be as short as possible but never exceeding 0.5 seconds.
6. The power line shall be energized within a mutually acceptable time limit after obtaining a Certificate from the concerned Telecom and/or Railway authority regarding completion of provision of all protective measures as recommended by PTCC and also under specific clearance from the Telecom and/or Railway authority maintaining the Telecom system.
7. The energization of Extra High Tension power lines would not be held up for want of installation of GD tubes on telecom lines when the induced voltages are in the range of 430 to 650 V.
8. The telecom line shall be commissioned within a mutually acceptable time after completing provision of all protective measures as recommended by PTCC and also after obtaining specific clearance from the Power authority, if certain measures as recommended by PTCC are to be carried out on power system.
9. The later entrant in the field shall bear the entire cost of providing GD tubes and their fitting as recommended by PTCC, including 15% spares and/or any other protective measures as recommended by PTCC.
10. The route approval shall be subject to special conditions as laid down under Annexure VI.

Annexure V

1		
(a)	Name of the Power Supply authority seeking approval	M/s Adani Green Energy Twenty Four Limited
(b)	Reference number & date:	Khavda/PSS-5/AGE24L/PTCC33kV UG/01 dated 01.11.2025 E-mail dated 03.02.2026
(c)	Name of the Power line	33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0315 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 5 & 9 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 8.233 kms)
(d)	Length of Power line:	8.233 kms
(e)	Operating Voltage	33 kV
(f)	Number of circuits	1
2		
(a)	Names of parallel telecom lines:	As per Annexure-VI
(b)	Length of parallelism:	As per Annexure-VI
3	Average value of earth resistivity in the region:	30000 ohm-cms
4	Whether LF test necessary:	No
5	Special conditions subject to which this certificate will be effective	As per Annexure-VI

Annexure VI

Name of the Power Line: 33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0315 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 5 & 9 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 8.233 kms)

1. **BSNL Telecom Details:**
   DET, PTCC (WZ), BSNL vide letter dated IC/MBI/PTCC/Offline/GUJ-3182 dated 09.01.2026 has given their NOC for charging of the line.

2. **Railway Telecom Details:**
   Dy. CSTE, Telecom, Western Railway vide letter SG.158/28/12/1694 dated 05.12.2025 has given their NOC for charging of the line.

3. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
Solar IDT	13.39	25	0.3	220	141	1	NA

Telecom authorities to ensure the protection of telecom equipment and personnel within the EPR zone of the proposed substation at the cost of the later entrant.

CEA Case No.: GUJ-1061

Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0316 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 6 & 8 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 7.097 kms) particulars of which are given in Annexure VII.**

The approval is for the route only and is subject to the following conditions.

1. The approval is based on the Power system/ Telecom system conditions' details as reported by the Power supply authority/ Telecom authority at present. Any changes either to Transmission line or the Power system or the paralleling telecommunication lines which are likely to alter the low frequency induction from the estimated at present should be reported to PTCC for its prior approval.
2. The Power and Telecommunication authorities shall be required to adopt such measures as may be recommended by PTCC for counteracting any interference that might arise when the EHT line is in normal operation.
3. Each crossing should satisfy the conditions as laid down in Para 6 -10 of PTCC Code of Practice for crossings.
4. The angle of crossing shall be 90 degrees but in no case less than 60 degrees.
5. The power line shall be equipped with protective switchgear such that the duration of earth current shall be as short as possible but never exceeding 0.5 seconds.
6. The power line shall be energized within a mutually acceptable time limit after obtaining a Certificate from the concerned Telecom and/or Railway authority regarding completion of provision of all protective measures as recommended by PTCC and also under specific clearance from the Telecom and/or Railway authority maintaining the Telecom system.
7. The energization of Extra High Tension power lines would not be held up for want of installation of GD tubes on telecom lines when the induced voltages are in the range of 430 to 650 V.
8. The telecom line shall be commissioned within a mutually acceptable time after completing provision of all protective measures as recommended by PTCC and also after obtaining specific clearance from the Power authority, if certain measures as recommended by PTCC are to be carried out on power system.
9. The later entrant in the field shall bear the entire cost of providing GD tubes and their fitting as recommended by PTCC, including 15% spares and/or any other protective measures as recommended by PTCC.
10. The route approval shall be subject to special conditions as laid down under Annexure VIII.

Annexure VII

1		
(a)	Name of the Power Supply authority seeking approval	M/s Adani Green Energy Twenty Four Limited
(b)	Reference number & date:	Khavda/PSS-5/AGE24L/PTCC33kV UG/01 dated 01.11.2025 E-mail dated 03.02.2026
(c)	Name of the Power line	33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0316 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 6 & 8 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 7.097 kms)
(d)	Length of Power line:	7.097 kms
(e)	Operating Voltage	33 kV
(f)	Number of circuits	1
2		
(a)	Names of parallel telecom lines:	As per Annexure-VIII
(b)	Length of parallelism:	As per Annexure-VIII
3	Average value of earth resistivity in the region:	30000 ohm-cms
4	Whether LF test necessary:	No
5	Special conditions subject to which this certificate will be effective	As per Annexure-VIII

Annexure VIII

Name of the Power Line: 33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0316 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 6 & 8 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 7.097 kms)

1. **BSNL Telecom Details:**
   DET, PTCC (WZ), BSNL vide letter dated IC/MBI/PTCC/Offline/GUJ-3182 dated 09.01.2026 has given their NOC for charging of the line.

2. **Railway Telecom Details:**
   Dy. CSTE, Telecom, Western Railway vide letter SG.158/28/12/1694 dated 05.12.2025 has given their NOC for charging of the line.

3. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
Solar IDT	13.39	25	0.3	220	141	1	NA

Telecom authorities to ensure the protection of telecom equipment and personnel within the EPR zone of the proposed substation at the cost of the later entrant.

CEA Case No.: GUJ-1061

Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0415 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 11 & 12 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 4.122 kms) particulars of which are given in Annexure IX.**

The approval is for the route only and is subject to the following conditions.

1. The approval is based on the Power system/ Telecom system conditions' details as reported by the Power supply authority/ Telecom authority at present. Any changes either to Transmission line or the Power system or the paralleling telecommunication lines which are likely to alter the low frequency induction from the estimated at present should be reported to PTCC for its prior approval.
2. The Power and Telecommunication authorities shall be required to adopt such measures as may be recommended by PTCC for counteracting any interference that might arise when the EHT line is in normal operation.
3. Each crossing should satisfy the conditions as laid down in Para 6 -10 of PTCC Code of Practice for crossings.
4. The angle of crossing shall be 90 degrees but in no case less than 60 degrees.
5. The power line shall be equipped with protective switchgear such that the duration of earth current shall be as short as possible but never exceeding 0.5 seconds.
6. The power line shall be energized within a mutually acceptable time limit after obtaining a Certificate from the concerned Telecom and/or Railway authority regarding completion of provision of all protective measures as recommended by PTCC and also under specific clearance from the Telecom and/or Railway authority maintaining the Telecom system.
7. The energization of Extra High Tension power lines would not be held up for want of installation of GD tubes on telecom lines when the induced voltages are in the range of 430 to 650 V.
8. The telecom line shall be commissioned within a mutually acceptable time after completing provision of all protective measures as recommended by PTCC and also after obtaining specific clearance from the Power authority, if certain measures as recommended by PTCC are to be carried out on power system.
9. The later entrant in the field shall bear the entire cost of providing GD tubes and their fitting as recommended by PTCC, including 15% spares and/or any other protective measures as recommended by PTCC.
10. The route approval shall be subject to special conditions as laid down under Annexure X.

Annexure IX

1		
(a)	Name of the Power Supply authority seeking approval	M/s Adani Green Energy Twenty Four Limited
(b)	Reference number & date:	Khavda/PSS-5/AGE24L/PTCC33kV UG/01 dated 01.11.2025 E-mail dated 03.02.2026
(c)	Name of the Power line	33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0415 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 11 & 12 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 4.122 kms)
(d)	Length of Power line:	4.122 kms
(e)	Operating Voltage	33 kV
(f)	Number of circuits	1
2		
(a)	Names of parallel telecom lines:	As per Annexure-X
(b)	Length of parallelism:	As per Annexure-X
3	Average value of earth resistivity in the region:	30000 ohm-cms
4	Whether LF test necessary:	No
5	Special conditions subject to which this certificate will be effective	As per Annexure-X

Annexure X

Name of the Power Line: 33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0415 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 11 & 12 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 4.122 kms)

1. **BSNL Telecom Details:**
   DET, PTCC (WZ), BSNL vide letter dated IC/MBI/PTCC/Offline/GUJ-3182 dated 09.01.2026 has given their NOC for charging of the line.

2. **Railway Telecom Details:**
   Dy. CSTE, Telecom, Western Railway vide letter SG.158/28/12/1694 dated 05.12.2025 has given their NOC for charging of the line.

3. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
Solar IDT	13.39	25	0.3	220	141	1	NA

Telecom authorities to ensure the protection of telecom equipment and personnel within the EPR zone of the proposed substation at the cost of the later entrant.

CEA Case No.: GUJ-1061

Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0416 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 7 & 10 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 4.313 kms) particulars of which are given in Annexure XI.**

The approval is for the route only and is subject to the following conditions.

1. The approval is based on the Power system/ Telecom system conditions' details as reported by the Power supply authority/ Telecom authority at present. Any changes either to Transmission line or the Power system or the paralleling telecommunication lines which are likely to alter the low frequency induction from the estimated at present should be reported to PTCC for its prior approval.
2. The Power and Telecommunication authorities shall be required to adopt such measures as may be recommended by PTCC for counteracting any interference that might arise when the EHT line is in normal operation.
3. Each crossing should satisfy the conditions as laid down in Para 6 -10 of PTCC Code of Practice for crossings.
4. The angle of crossing shall be 90 degrees but in no case less than 60 degrees.
5. The power line shall be equipped with protective switchgear such that the duration of earth current shall be as short as possible but never exceeding 0.5 seconds.
6. The power line shall be energized within a mutually acceptable time limit after obtaining a Certificate from the concerned Telecom and/or Railway authority regarding completion of provision of all protective measures as recommended by PTCC and also under specific clearance from the Telecom and/or Railway authority maintaining the Telecom system.
7. The energization of Extra High Tension power lines would not be held up for want of installation of GD tubes on telecom lines when the induced voltages are in the range of 430 to 650 V.
8. The telecom line shall be commissioned within a mutually acceptable time after completing provision of all protective measures as recommended by PTCC and also after obtaining specific clearance from the Power authority, if certain measures as recommended by PTCC are to be carried out on power system.
9. The later entrant in the field shall bear the entire cost of providing GD tubes and their fitting as recommended by PTCC, including 15% spares and/or any other protective measures as recommended by PTCC.
10. The route approval shall be subject to special conditions as laid down under Annexure XII.

Annexure XI

1		
(a)	Name of the Power Supply authority seeking approval	M/s Adani Green Energy Twenty Four Limited
(b)	Reference number & date:	Khavda/PSS-5/AGE24L/PTCC33kV UG/01 dated 01.11.2025 E-mail dated 03.02.2026
(c)	Name of the Power line	33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0416 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 7 & 10 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 4.313 kms)
(d)	Length of Power line:	4.313 kms
(e)	Operating Voltage	33 kV
(f)	Number of circuits	1
2		
(a)	Names of parallel telecom lines:	As per Annexure-XII
(b)	Length of parallelism:	As per Annexure-XII
3	Average value of earth resistivity in the region:	30000 ohm-cms
4	Whether LF test necessary:	No
5	Special conditions subject to which this certificate will be effective	As per Annexure-XII

Annexure XII

Name of the Power Line: 33 kV, 3C x 300 sqmm armoured HT UG cable for feeder No. 0416 from 400/33 kV Substation (PSS-05) to Solar Plant IDT block no. 7 & 10 (Plot No. A14a) of M/s Adani Green Energy Twenty Four Limited at Khavda RE Park (Length: 4.313 kms)

1. **BSNL Telecom Details:**
   DET, PTCC (WZ), BSNL vide letter dated IC/MBI/PTCC/Offline/GUJ-3182 dated 09.01.2026 has given their NOC for charging of the line.

2. **Railway Telecom Details:**
   Dy. CSTE, Telecom, Western Railway vide letter SG.158/28/12/1694 dated 05.12.2025 has given their NOC for charging of the line.

3. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
Solar IDT	13.39	25	0.3	220	141	1	NA

Telecom authorities to ensure the protection of telecom equipment and personnel within the EPR zone of the proposed substation at the cost of the later entrant.