



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 Renewable Energy Forty Three Limited.

Provisional Route Approval Certificate for the following listed lines of M/s Adani Renewable Energy Forty-Three Limited is annexed to this letter:

S.No.	Name
1	33 kV Feeder No.0104 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 2.185 kms)
2	33 kV Feeder No.0206 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 1.755 kms)
3	33 kV Feeder No.0304 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 2.025 kms)
4	33 kV Feeder No.0404 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 1.825 kms)
5	33 kV Feeder No.0507 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 1.630 kms)
6	33 kV Feeder No.0606 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 1.635 kms)
7	33 kV Feeder No.0706 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three

	Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 2.574 kms)
8	33 kV Feeder No.0804 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 2.734 kms)

Chief Engineer

1.	M/s Adani Renewable Energy Forty Three Limited	Adani Corporate House, Shantigram, Nr. Vaishno Devi Circle, S.G. Highway, Khodiyar, Ahemdabad-382421,Gujarat
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CEA Case No.: GUJ-1045-Feeder-0104

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 Feeder No.0104 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 2.185 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 Renewable Energy Forty Three Limited
- (b) Reference number & date: (i) ARE43L/PTCC/25-26/BESSKhavda/001, Dated-11-10-2025
(ii) Email dated 21.01.2026
(iii) Undertaking dated 19.01.2026
- (c) Name of the Power line 33 kV Feeder No.0104 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 2.185 kms)
- (d) Length of Power line: 2.185 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: 3000 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 Feeder No.0104 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 2.185 kms)

1. Railway Telecom Details:

General Manager (S&T), Western Railway vide letter SG.158/28/12/1679 dated 05.12.2025 has issued their NOC.

2. 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
Battery Energy Storage System	249.7	25	0.5	7010	4553	196	62
400/33 kV SRPL-PSS-10	122	63	0.3	5239	3425	207	109

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-1045-Feeder-0206

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 Feeder No.0206 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty-Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 1.755 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 Renewable Energy Forty Three Limited
- (b) Reference number & date: (i) ARE43L/PTCC/25-26/BESSKhavda/001, Dated-11-10-2025
(ii) Email dated 21.01.2026
(iii) Undertaking dated 19.01.2026
- (c) Name of the Power line 33 kV Feeder No.0206 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 1.755 kms)
- (d) Length of Power line: 1.755 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: 3000 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 Feeder No.0206 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 1.755 kms)

1. Railway Telecom Details:

General Manager (S&T), Western Railway vide letter SG.158/28/12/1679 dated 05.12.2025 has issued their NOC.

2. 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
Battery Energy Storage System	249.7	25	0.5	7010	4553	196	62
400/33 kV SRPL-PSS-10	122	63	0.3	5239	3425	207	109

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-1045-Feeder-0304

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 Feeder No.0304 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 2.025 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 Renewable Energy Forty Three Limited |
| (b) | Reference number & date: | (i) ARE43L/PTCC/25-26/BESSKhavda/001,
Dated-11-10-2025
(ii) Email dated 21.01.2026
(iii) Undertaking dated 19.01.2026 |
| (c) | Name of the Power line | 33 kV Feeder No.0304 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 2.025 kms) |
| (d) | Length of Power line: | 2.025 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: | 3000 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 Feeder No.0304 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 2.025 kms)

1. Railway Telecom Details:

General Manager (S&T), Western Railway vide letter SG.158/28/12/1679 dated 05.12.2025 has issued their NOC.

2. 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
Battery Energy Storage System	249.7	25	0.5	7010	4553	196	62
400/33 kV SRPL-PSS-10	122	63	0.3	5239	3425	207	109

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-1045-Feeder-0404

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 Feeder No.0404 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty-Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 1.825 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 Renewable Energy Forty Three Limited
- (b) Reference number & date: (i) ARE43L/PTCC/25-26/BESSKhavda/001, Dated-11-10-2025
(ii) Email dated 21.01.2026
(iii) Undertaking dated 19.01.2026
- (c) Name of the Power line 33 kV Feeder No.0404 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 1.825 kms)
- (d) Length of Power line: 1.825 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: 3000 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 Feeder No.0404 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 1.825 kms)

1. Railway Telecom Details:

General Manager (S&T), Western Railway vide letter SG.158/28/12/1679 dated 05.12.2025 has issued their NOC.

2. 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 (ms) at 650 V	d (mts) at 7kV	d (mts) at 10kV
Battery Energy Storage System	249.7	25	0.5	7010	4553	196	62
400/33 kV SRPL-PSS-10	122	63	0.3	5239	3425	207	109

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-1045-Feeder-0507

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 Feeder No.0507 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 1.630 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 Renewable Energy Forty Three Limited
- (b) Reference number & date: (i) ARE43L/PTCC/25-26/BESSKhavda/001, Dated-11-10-2025
(ii) Email dated 21.01.2026
(iii) Undertaking dated 19.01.2026
- (c) Name of the Power line 33 kV Feeder No.0507 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 1.630 kms)
- (d) Length of Power line: 1.630 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: 3000 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 Feeder No.0507 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 1.630 kms)

1. Railway Telecom Details:

General Manager (S&T), Western Railway vide letter SG.158/28/12/1679 dated 05.12.2025 has issued their NOC.

2. 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
Battery Energy Storage System	249.7	25	0.5	7010	4553	196	62
400/33 kV SRPL-PSS-10	122	63	0.3	5239	3425	207	109

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-1045-Feeder-0606

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 Feeder No.0606 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 1.635 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 Renewable Energy Forty Three Limited
- (b) Reference number & date: (i) ARE43L/PTCC/25-26/BESSKhavda/001, Dated-11-10-2025
(ii) Email dated 21.01.2026
(iii) Undertaking dated 19.01.2026
- (c) Name of the Power line 33 kV Feeder No.0606 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 1.635 kms)
- (d) Length of Power line: 1.635 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: 3000 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 Feeder No.0606 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 1.635 kms)

1. Railway Telecom Details:

General Manager (S&T), Western Railway vide letter SG.158/28/12/1679 dated 05.12.2025 has issued their NOC.

2. 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
Battery Energy Storage System	249.7	25	0.5	7010	4553	196	62
400/33 kV SRPL-PSS-10	122	63	0.3	5239	3425	207	109

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-1045-Feeder-0706

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 Feeder No.0706 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 2.574 kms)** particulars of which are given in Annexure XIII.

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 XIV.

Annexure XIII

1

- (a) Name of the Power Supply authority seeking approval M/s Adani Renewable Energy Forty Three Limited
- (b) Reference number & date: (i) ARE43L/PTCC/25-26/BESSKhavda/001, Dated-11-10-2025
(ii) Email dated 21.01.2026
(iii) Undertaking dated 19.01.2026
- (c) Name of the Power line 33 kV Feeder No.0706 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 2.574 kms)
- (d) Length of Power line: 2.574 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XIV
- (b) Length of parallelism: As per Annexure-XIV
- 3 Average value of earth resistivity in the region: 3000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XIV

Annexure XIV

Name of the Power Line: 33 kV Feeder No.0706 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 2.574 kms)

1. Railway Telecom Details:

General Manager (S&T), Western Railway vide letter SG.158/28/12/1679 dated 05.12.2025 has issued their NOC.

2. 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
Battery Energy Storage System	249.7	25	0.5	7010	4553	196	62
400/33 kV SRPL-PSS-10	122	63	0.3	5239	3425	207	109

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-1045-Feeder-0804

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 Feeder No.0804 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 2.734 kms)** particulars of which are given in Annexure XV.

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 XVI.

Annexure XV

1

- (a) Name of the Power Supply authority seeking approval M/s Adani Renewable Energy Forty Three Limited
- (b) Reference number & date: (i) ARE43L/PTCC/25-26/BESSKhavda/001, Dated-11-10-2025
(ii) Email dated 21.01.2026
(iii) Undertaking dated 19.01.2026
- (c) Name of the Power line 33 kV Feeder No.0804 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 2.734 kms)
- (d) Length of Power line: 2.734 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XVI
- (b) Length of parallelism: As per Annexure-XVI
- 3 Average value of earth resistivity in the region: 3000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XVI

Annexure XVI

Name of the Power Line: 33 kV Feeder No.0804 3C x 400 sqmm Al cable laid underground from 400/33 kV Substation (SRPL-PSS-10) to M/s Adani Renewable Energy Forty Three Limited Battery Energy Storage System (BESS) located near PSS-10, Khavda RE Park (Length: 2.734 kms)

1. Railway Telecom Details:

General Manager (S&T), Western Railway vide letter SG.158/28/12/1679 dated 05.12.2025 has issued their NOC.

2. 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
Battery Energy Storage System	249.7	25	0.5	7010	4553	196	62
400/33 kV SRPL-PSS-10	122	63	0.3	5239	3425	207	109

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.