



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: Certificate of Approval for the Route of Power Line of M/s Enren-II Energy Private Limited.

Route Approval Certificate for the following listed lines of M/s Enren-II Energy Private Limited is annexed to this letter:

S.No.	Name
1	33kV S/C above ground cable using 1Rx3Cx300 Square mm (886 m) from ICR Block No. 01 to 59.4 MW, 9 Panel Board Type-I, (Block- 03) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.886 kms)
2	33kV S/C above ground cable using 1Rx3Cx300 Square mm (519 m) from ICR Block No. 02 to 59.4 MW, 9 Panel Board, Type-I (Block- 03) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.519 kms)
3	33kV S/C above ground cable using 1Rx3Cx300 Square mm (108 m) from ICR Block No. 03 to 59.4 MW, 9 Panel Board Type-I, (Block- 03) and 2R(ph) x 1C x 630 square mm (3.992 kms) size cable from Sub-Pooling Station Board Name 59.4 MW, 9 Panel Board- Type-1, (Block- 03) to Feeder no. 5, (Bus-2) of GSECL 33/400kV North Block Pooling Sub Station. at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 12.084 kms)
4	33kV S/C above ground cable using 1Rx3Cx300 Square mm (886 m) from ICR Block No. 04 to Sub-Pooling Station Board Name 59.4 MW, 9 Panel Board Type-I, (Block- 06) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.886 kms)
5	33kV S/C above ground cable using 1Rx3Cx300 Square mm (495 m) from ICR Block No. 05 to Sub-Pooling Station Board Name 59.4 MW, 9 Panel Board Type-I, (Block- 06) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.495 kms)

6	33kV S/C above ground cable using 1Rx3Cx300 Square mm (108 m) from ICR Block No. 06 to 59.4 MW, 9 Panel Board Type-I, (Block- 06) and 2R(ph) x 1C x 630 square mm (5.276 kms) size cable from Sub-Pooling Station Board Name 59.4 MW, 9 Panel Board Type-1, Block- 06 to Feeder no. 6, (Bus-2) of GSECL 33/400kV North Block Pooling Sub Station. at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 15.936 kms)
7	33kV S/C above ground cable using 1Rx3Cx300 Square mm (888 m) from ICR Block no. 07 to Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board Type-2, (Block- 09) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.888 kms)
8	33kV S/C above ground cable using 1Rx3Cx300 Square mm (500 m) from ICR Block No. 08 to Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board Type-2, (Block- 09) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.5 kms)
9	33kV S/C above ground cable using 1Rx3Cx300 Square mm (108 m) from ICR Block No. 09 to Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board Type-II, (Block- 09) and 2R(ph) x 1C x 630 square mm (6.548 kms) size cable from Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board- Type-2, (Block- 09) to Feeder no. 7, (Bus-3) of GSECL 33/400kV North Block Pooling Sub Station. at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 19.752 kms)
10	33kV S/C above ground cable using 1Rx3Cx300 Square mm (896 m) from ICR Block No. 10 to Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board Type-2, (Block- 12) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.896 kms)
11	33kV S/C above ground cable using 1Rx3Cx300 Square mm (485 m) from ICR Block No. 11 to Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board Type-2, (Block- 12) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.485 kms)
12	33kV S/C above ground cable using 1Rx3Cx300 Square mm (108 m) from ICR Block No. 12 to 59.4 MW, 8 Panel Board Type-2 (Block- 12) and 2R(ph) x 1C x 630 square mm (7.800 kms) size cable from Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board- Type-2 (Block- 12) to Feeder no. 8, (Bus-3) to GSECL 33/400kV North Block Pooling Sub Station at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length:23.508 kms)

Chief Engineer

1.	M/s Enren-II Energy Private Limited	ENGIE, Unit No. 3, 4, 5, Sixth Floor, Fountainhead Tower-2, Viman Nagar, Pune- 411014
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CEA Case No.: GUJ-1019-A**Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33kV S/C above ground cable using 1Rx3Cx300 Square mm (886 m) from ICR Block No. 01 to 59.4 MW, 9 Panel Board Type-I, (Block- 03) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.886 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

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|-----|---|---|
| (a) | Name of the Power Supply authority seeking approval | M/s Enren-II Energy Private Limited |
| (b) | Reference number & date: | ENREN/200MW/GSECL/25-26/41 dated 28.08.2025
E-mail dated 12.01.2026 |
| (c) | Name of the Power line | 33kV S/C above ground cable using 1Rx3Cx300 Square mm (886 m) from ICR Block No. 01 to 59.4 MW, 9 Panel Board Type-I, (Block- 03) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.886 kms) |
| (d) | Length of Power line: | 0.886 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: 5000 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: 33kV S/C above ground cable using 1Rx3Cx300 Square mm (886 m) from ICR Block No. 01 to 59.4 MW, 9 Panel Board Type-I, (Block- 03) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.886 kms)

1. BSNL Telecom Details:

DET (PTCC), WZ Zone, BSNL vide letter IC/MBI/PTCC/Offline/GUJ-3120 dated 22.10.2025 has issued their NOC

2. Railway Telecom Details:

GM (S&T). Western Railway vide letter SG.158/28/12/1594 dated 12.09.2025 has issued their NOC.

3. Defense Telecom Details:

ADG (Telecom), MoD, vide letter N. B/46937/Sigs-7(b)/5045 dated 19.12.2025 has issued their NOC.

4. 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
GSECL 33/400 kV North Block Pooling Substation	83.5	63000	0.004	NA	NA	NA	NA
MCR	75	19600	0.003	NA	NA	NA	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-1019-B**Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33kV S/C above ground cable using 1Rx3Cx300 Square mm (519 m) from ICR Block No. 02 to 59.4 MW, 9 Panel Board, Type-I (Block- 03) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.519 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

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|-----|---|---|
| (a) | Name of the Power Supply authority seeking approval | M/s Enren-II Energy Private Limited |
| (b) | Reference number & date: | ENREN/200MW/GSECL/25-26/41 dated 28.08.2025
E-mail dated 12.01.2026 |
| (c) | Name of the Power line | 33kV S/C above ground cable using 1Rx3Cx300 Square mm (519 m) from ICR Block No. 02 to 59.4 MW, 9 Panel Board, Type-I (Block- 03) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.519 kms) |
| (d) | Length of Power line: | 0.519 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: 5000 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: 33kV S/C above ground cable using 1Rx3Cx300 Square mm (519 m) from ICR Block No. 02 to 59.4 MW, 9 Panel Board, Type-I (Block- 03) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.519 kms)

1. BSNL Telecom Details:

DET (PTCC), WZ Zone, BSNL vide letter IC/MBI/PTCC/Offline/GUJ-3120 dated 22.10.2025 has issued their NOC

2. Railway Telecom Details:

GM (S&T). Western Railway vide letter SG.158/28/12/1594 dated 12.09.2025 has issued their NOC.

3. Defense Telecom Details:

ADG (Telecom), MoD, vide letter N. B/46937/Sigs-7(b)/5045 dated 19.12.2025 has issued their NOC.

4. 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
GSECL 33/400 kV North Block Pooling Substation	83.5	63000	0.004	NA	NA	NA	NA
MCR	75	19600	0.003	NA	NA	NA	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-1019-C**Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33kV S/C above ground cable using 1Rx3Cx300 Square mm (108 m) from ICR Block No. 03 to 59.4 MW, 9 Panel Board Type-I, (Block- 03) and 2R(ph) x 1C x 630 square mm (3.992 kms) size cable from Sub-Pooling Station Board Name 59.4 MW, 9 Panel Board-Type-1, (Block- 03) to Feeder no. 5, (Bus-2) of GSECL 33/400kV North Block Pooling Sub Station. at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 12.084 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 Enren-II Energy Private Limited
- (b) Reference number & date: ENREN/200MW/GSECL/25-26/41 dated 28.08.2025
E-mail dated 12.01.2026
- (c) Name of the Power line 33kV S/C above ground cable using 1Rx3Cx300 Square mm (108 m) from ICR Block No. 03 to 59.4 MW, 9 Panel Board Type-I, (Block- 03) and 2R(ph) x 1C x 630 square mm (3.992 kms) size cable from Sub-Pooling Station Board Name 59.4 MW, 9 Panel Board- Type-1, (Block- 03) to Feeder no. 5, (Bus-2) of GSECL 33/400kV North Block Pooling Sub Station. at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 12.084 kms)
- (d) Length of Power line: 12.084 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: 5000 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: 33kV S/C above ground cable using 1Rx3Cx300 Square mm (108 m) from ICR Block No. 03 to 59.4 MW, 9 Panel Board Type-I, (Block- 03) and 2R(ph) x 1C x 630 square mm (3.992 kms) size cable from Sub-Pooling Station Board Name 59.4 MW, 9 Panel Board-Type-1, (Block- 03) to Feeder no. 5, (Bus-2) of GSECL 33/400kV North Block Pooling Sub Station. at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 12.084 kms)

1. BSNL Telecom Details:

DET (PTCC), WZ Zone, BSNL vide letter IC/MBI/PTCC/Offline/GUJ-3120 dated 22.10.2025 has issued their NOC

2. Railway Telecom Details:

GM (S&T). Western Railway vide letter SG.158/28/12/1594 dated 12.09.2025 has issued their NOC.

3. Defense Telecom Details:

ADG (Telecom), MoD, vide letter N. B/46937/Sigs-7(b)/5045 dated 19.12.2025 has issued their NOC.

4. 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
GSECL 33/400 kV North Block Pooling Substation	83.5	63000	0.004	NA	NA	NA	NA
MCR	75	19600	0.003	NA	NA	NA	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-1019-D**Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33kV S/C above ground cable using 1Rx3Cx300 Square mm (886 m) from ICR Block No. 04 to Sub-Pooling Station Board Name 59.4 MW, 9 Panel Board Type-I, (Block-06) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.886 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

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|-----|---|--|
| (a) | Name of the Power Supply authority seeking approval | M/s Enren-II Energy Private Limited |
| (b) | Reference number & date: | ENREN/200MW/GSECL/25-26/41 dated 28.08.2025
E-mail dated 12.01.2026 |
| (c) | Name of the Power line | 33kV S/C above ground cable using 1Rx3Cx300 Square mm (886 m) from ICR Block No. 04 to Sub-Pooling Station Board Name 59.4 MW, 9 Panel Board Type-I, (Block- 06) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.886 kms) |
| (d) | Length of Power line: | 0.886 kms |
| (e) | Operating Voltage | 33 kV |
| (f) | Number of circuits | 1 |

2

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|-----|--|----------------------|
| (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: | 5000 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: 33kV S/C above ground cable using 1Rx3Cx300 Square mm (886 m) from ICR Block No. 04 to Sub-Pooling Station Board Name 59.4 MW, 9 Panel Board Type-I, (Block- 06) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.886 kms)

1. BSNL Telecom Details:

DET (PTCC), WZ Zone, BSNL vide letter IC/MBI/PTCC/Offline/GUJ-3120 dated 22.10.2025 has issued their NOC

2. Railway Telecom Details:

GM (S&T). Western Railway vide letter SG.158/28/12/1594 dated 12.09.2025 has issued their NOC.

3. Defense Telecom Details:

ADG (Telecom), MoD, vide letter N. B/46937/Sigs-7(b)/5045 dated 19.12.2025 has issued their NOC.

4. 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
GSECL 33/400 kV North Block Pooling Substation	83.5	63000	0.004	NA	NA	NA	NA
MCR	75	19600	0.003	NA	NA	NA	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-1019-E

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

Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33kV S/C above ground cable using 1Rx3Cx300 Square mm (495 m) from ICR Block No. 05 to Sub-Pooling Station Board Name 59.4 MW, 9 Panel Board Type-I, (Block- 06) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.495 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 Enren-II Energy Private Limited
- (b) Reference number & date: ENREN/200MW/GSECL/25-26/41 dated 28.08.2025
E-mail dated 12.01.2026
- (c) Name of the Power line 33kV S/C above ground cable using 1Rx3Cx300 Square mm (495 m) from ICR Block No. 05 to Sub-Pooling Station Board Name 59.4 MW, 9 Panel Board Type-I, (Block- 06) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.495 kms)
- (d) Length of Power line: 0.495 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: 5000 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: 33kV S/C above ground cable using 1Rx3Cx300 Square mm (495 m) from ICR Block No. 05 to Sub-Pooling Station Board Name 59.4 MW, 9 Panel Board Type-I, (Block- 06) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.495 kms)

1. BSNL Telecom Details:

DET (PTCC), WZ Zone, BSNL vide letter IC/MBI/PTCC/Offline/GUJ-3120 dated 22.10.2025 has issued their NOC

2. Railway Telecom Details:

GM (S&T). Western Railway vide letter SG.158/28/12/1594 dated 12.09.2025 has issued their NOC.

3. Defense Telecom Details:

ADG (Telecom), MoD, vide letter N. B/46937/Sigs-7(b)/5045 dated 19.12.2025 has issued their NOC.

4. 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
GSECL 33/400 kV North Block Pooling Substation	83.5	63000	0.004	NA	NA	NA	NA
MCR	75	19600	0.003	NA	NA	NA	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-1019-F**Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33kV S/C above ground cable using 1Rx3Cx300 Square mm (108 m) from ICR Block No. 06 to 59.4 MW, 9 Panel Board Type-I, (Block- 06) and 2R(ph) x 1C x 630 square mm (5.276 kms) size cable from Sub-Pooling Station Board Name 59.4 MW, 9 Panel Board Type-1, Block- 06 to Feeder no. 6, (Bus-2) of GSECL 33/400kV North Block Pooling Sub Station. at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 15.936 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

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|-----|---|--|
| (a) | Name of the Power Supply authority seeking approval | M/s Enren-II Energy Private Limited |
| (b) | Reference number & date: | ENREN/200MW/GSECL/25-26/41 dated
28.08.2025
E-mail dated 12.01.2026 |
| (c) | Name of the Power line | 33kV S/C above ground cable using 1Rx3Cx300 Square mm (108 m) from ICR Block No. 06 to 59.4 MW, 9 Panel Board Type-I, (Block- 06) and 2R(ph) x 1C x 630 square mm (5.276 kms) size cable from Sub-Pooling Station Board Name 59.4 MW, 9 Panel Board Type-1, Block- 06 to Feeder no. 6, (Bus-2) of GSECL 33/400kV North Block Pooling Sub Station. at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 15.936 kms) |
| (d) | Length of Power line: | 15.936 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: 5000 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: 33kV S/C above ground cable using 1Rx3Cx300 Square mm (108 m) from ICR Block No. 06 to 59.4 MW, 9 Panel Board Type-I, (Block- 06) and 2R(ph) x 1C x 630 square mm (5.276 kms) size cable from Sub-Pooling Station Board Name 59.4 MW, 9 Panel Board Type-1, Block- 06 to Feeder no. 6, (Bus-2) of GSECL 33/400kV North Block Pooling Sub Station. at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 15.936 kms)

1. BSNL Telecom Details:

DET (PTCC), WZ Zone, BSNL vide letter IC/MBI/PTCC/Offline/GUJ-3120 dated 22.10.2025 has issued their NOC

2. Railway Telecom Details:

GM (S&T). Western Railway vide letter SG.158/28/12/1594 dated 12.09.2025 has issued their NOC.

3. Defense Telecom Details:

ADG (Telecom), MoD, vide letter N. B/46937/Sigs-7(b)/5045 dated 19.12.2025 has issued their NOC.

4. 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
GSECL 33/400 kV North Block Pooling Substation	83.5	63000	0.004	NA	NA	NA	NA
MCR	75	19600	0.003	NA	NA	NA	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-1019-G**Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33kV S/C above ground cable using 1Rx3Cx300 Square mm (888 m) from ICR Block no. 07 to Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board Type-2, (Block-09) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.888 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

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|-----|---|--|
| (a) | Name of the Power Supply authority seeking approval | M/s Enren-II Energy Private Limited |
| (b) | Reference number & date: | ENREN/200MW/GSECL/25-26/41 dated
28.08.2025
E-mail dated 12.01.2026 |
| (c) | Name of the Power line | 33kV S/C above ground cable using
1Rx3Cx300 Square mm (888 m) from ICR
Block no. 07 to Sub-Pooling Station Board
Name 59.4 MW, 8 Panel Board Type-2,
(Block- 09) at 200 MW Solar PV Plant of
M/s Enren-II Energy Private Limited at
Khavda, Gujarat. (Length: 0.888 kms) |
| (d) | Length of Power line: | 0.888 kms |
| (e) | Operating Voltage | 33 kV |
| (f) | Number of circuits | 1 |

2

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|-----|--|---------------------|
| (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: | 5000 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: 33kV S/C above ground cable using 1Rx3Cx300 Square mm (888 m) from ICR Block no. 07 to Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board Type-2, (Block- 09) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.888 kms)

1. BSNL Telecom Details:

DET (PTCC), WZ Zone, BSNL vide letter IC/MBI/PTCC/Offline/GUJ-3120 dated 22.10.2025 has issued their NOC

2. Railway Telecom Details:

GM (S&T). Western Railway vide letter SG.158/28/12/1594 dated 12.09.2025 has issued their NOC.

3. Defense Telecom Details:

ADG (Telecom), MoD, vide letter N. B/46937/Sigs-7(b)/5045 dated 19.12.2025 has issued their NOC.

4. 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
GSECL 33/400 kV North Block Pooling Substation	83.5	63000	0.004	NA	NA	NA	NA
MCR	75	19600	0.003	NA	NA	NA	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-1019-H

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

Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33kV S/C above ground cable using 1Rx3Cx300 Square mm (500 m) from ICR Block No. 08 to Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board Type-2, (Block-09) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.5 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 Enren-II Energy Private Limited
- (b) Reference number & date: ENREN/200MW/GSECL/25-26/41 dated 28.08.2025
E-mail dated 12.01.2026
- (c) Name of the Power line 33kV S/C above ground cable using 1Rx3Cx300 Square mm (500 m) from ICR Block No. 08 to Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board Type-2, (Block- 09) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.5 kms)
- (d) Length of Power line: 0.5 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: 5000 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: 33kV S/C above ground cable using 1Rx3Cx300 Square mm (500 m) from ICR Block No. 08 to Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board Type-2, (Block- 09) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.5 kms)

1. BSNL Telecom Details:

DET (PTCC), WZ Zone, BSNL vide letter IC/MBI/PTCC/Offline/GUJ-3120 dated 22.10.2025 has issued their NOC

2. Railway Telecom Details:

GM (S&T). Western Railway vide letter SG.158/28/12/1594 dated 12.09.2025 has issued their NOC.

3. Defense Telecom Details:

ADG (Telecom), MoD, vide letter N. B/46937/Sigs-7(b)/5045 dated 19.12.2025 has issued their NOC.

4. 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
GSECL 33/400 kV North Block Pooling Substation	83.5	63000	0.004	NA	NA	NA	NA
MCR	75	19600	0.003	NA	NA	NA	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-1019-I**Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33kV S/C above ground cable using 1Rx3Cx300 Square mm (108 m) from ICR Block No. 09 to Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board Type-II, (Block-09) and 2R(ph) x 1C x 630 square mm (6.548 kms) size cable from Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board- Type-2, (Block- 09) to Feeder no. 7, (Bus-3) of GSECL 33/400kV North Block Pooling Sub Station. at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 19.752 kms) particulars of which are given in Annexure XVII.**

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 XVIII.

Annexure XVII

1

- (a) Name of the Power Supply authority seeking approval M/s Enren-II Energy Private Limited
- (b) Reference number & date: ENREN/200MW/GSECL/25-26/41 dated 28.08.2025
E-mail dated 12.01.2026
- (c) Name of the Power line 33kV S/C above ground cable using 1Rx3Cx300 Square mm (108 m) from ICR Block No. 09 to Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board Type-II, (Block- 09) and 2R(ph) x 1C x 630 square mm (6.548 kms) size cable from Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board- Type-2, (Block- 09) to Feeder no. 7, (Bus-3) of GSECL 33/400kV North Block Pooling Sub Station. at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 19.752 kms)
- (d) Length of Power line: 19.752 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XVIII
- (b) Length of parallelism: As per Annexure-XVIII

3 Average value of earth resistivity in the region: 5000 ohm-cms

4 Whether LF test necessary: No

5 Special conditions subject to which this certificate will be effective As per Annexure-XVIII

Annexure XVIII

Name of the Power Line: 33kV S/C above ground cable using 1Rx3Cx300 Square mm (108 m) from ICR Block No. 09 to Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board Type-II, (Block- 09) and 2R(ph) x 1C x 630 square mm (6.548 kms) size cable from Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board- Type-2, (Block- 09) to Feeder no. 7, (Bus-3) of GSECL 33/400kV North Block Pooling Sub Station. at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 19.752 kms)

1. BSNL Telecom Details:

DET (PTCC), WZ Zone, BSNL vide letter IC/MBI/PTCC/Offline/GUJ-3120 dated 22.10.2025 has issued their NOC

2. Railway Telecom Details:

GM (S&T). Western Railway vide letter SG.158/28/12/1594 dated 12.09.2025 has issued their NOC.

3. Defense Telecom Details:

ADG (Telecom), MoD, vide letter N. B/46937/Sigs-7(b)/5045 dated 19.12.2025 has issued their NOC.

4. 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
GSECL 33/400 kV North Block Pooling Substation	83.5	63000	0.004	NA	NA	NA	NA
MCR	75	19600	0.003	NA	NA	NA	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-1019-J**Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33kV S/C above ground cable using 1Rx3Cx300 Square mm (896 m) from ICR Block No. 10 to Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board Type-2, (Block-12) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.896 kms) particulars of which are given in Annexure XIX.**

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 XX.

Annexure XIX

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|-----|---|--|
| (a) | Name of the Power Supply authority seeking approval | M/s Enren-II Energy Private Limited |
| (b) | Reference number & date: | ENREN/200MW/GSECL/25-26/41 dated 28.08.2025
E-mail dated 12.01.2026 |
| (c) | Name of the Power line | 33kV S/C above ground cable using 1Rx3Cx300 Square mm (896 m) from ICR Block No. 10 to Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board Type-2, (Block- 12) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.896 kms) |
| (d) | Length of Power line: | 0.896 kms |
| (e) | Operating Voltage | 33 kV |
| (f) | Number of circuits | 1 |

2

- | | | |
|-----|--|--------------------|
| (a) | Names of parallel telecom lines: | As per Annexure-XX |
| (b) | Length of parallelism: | As per Annexure-XX |
| 3 | Average value of earth resistivity in the region: | 5000 ohm-cms |
| 4 | Whether LF test necessary: | No |
| 5 | Special conditions subject to which this certificate will be effective | As per Annexure-XX |

Annexure XX

Name of the Power Line: 33kV S/C above ground cable using 1Rx3Cx300 Square mm (896 m) from ICR Block No. 10 to Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board Type-2, (Block- 12) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.896 kms)

1. BSNL Telecom Details:

DET (PTCC), WZ Zone, BSNL vide letter IC/MBI/PTCC/Offline/GUJ-3120 dated 22.10.2025 has issued their NOC

2. Railway Telecom Details:

GM (S&T). Western Railway vide letter SG.158/28/12/1594 dated 12.09.2025 has issued their NOC.

3. Defense Telecom Details:

ADG (Telecom), MoD, vide letter N. B/46937/Sigs-7(b)/5045 dated 19.12.2025 has issued their NOC.

4. 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
GSECL 33/400 kV North Block Pooling Substation	83.5	63000	0.004	NA	NA	NA	NA
MCR	75	19600	0.003	NA	NA	NA	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-1019-K

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

Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33kV S/C above ground cable using 1Rx3Cx300 Square mm (485 m) from ICR Block No. 11 to Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board Type-2, (Block-12) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.485 kms) particulars of which are given in Annexure XXI.**

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 XXII.

Annexure XXI

1

- (a) Name of the Power Supply authority seeking approval M/s Enren-II Energy Private Limited
- (b) Reference number & date: ENREN/200MW/GSECL/25-26/41 dated 28.08.2025
E-mail dated 12.01.2026
- (c) Name of the Power line 33kV S/C above ground cable using 1Rx3Cx300 Square mm (485 m) from ICR Block No. 11 to Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board Type-2, (Block- 12) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.485 kms)
- (d) Length of Power line: 0.485 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XXII
- (b) Length of parallelism: As per Annexure-XXII
- 3 Average value of earth resistivity in the region: 5000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXII

Annexure XXII

Name of the Power Line: 33kV S/C above ground cable using 1Rx3Cx300 Square mm (485 m) from ICR Block No. 11 to Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board Type-2, (Block- 12) at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length: 0.485 kms)

1. BSNL Telecom Details:

DET (PTCC), WZ Zone, BSNL vide letter IC/MBI/PTCC/Offline/GUJ-3120 dated 22.10.2025 has issued their NOC

2. Railway Telecom Details:

GM (S&T). Western Railway vide letter SG.158/28/12/1594 dated 12.09.2025 has issued their NOC.

3. Defense Telecom Details:

ADG (Telecom), MoD, vide letter N. B/46937/Sigs-7(b)/5045 dated 19.12.2025 has issued their NOC.

4. 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
GSECL 33/400 kV North Block Pooling Substation	83.5	63000	0.004	NA	NA	NA	NA
MCR	75	19600	0.003	NA	NA	NA	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-1019-L**Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33kV S/C above ground cable using 1Rx3Cx300 Square mm (108 m) from ICR Block No. 12 to 59.4 MW, 8 Panel Board Type-2 (Block- 12) and 2R(ph) x 1C x 630 square mm (7.800 kms) size cable from Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board-Type-2 (Block- 12) to Feeder no. 8, (Bus-3) to GSECL 33/400kV North Block Pooling Sub Station at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length:23.508 kms) particulars of which are given in Annexure XXIII.**

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 XXIV.

Annexure XXIII

1

- (a) Name of the Power Supply authority seeking approval M/s Enren-II Energy Private Limited
- (b) Reference number & date: ENREN/200MW/GSECL/25-26/41 dated 28.08.2025
E-mail dated 12.01.2026
- (c) Name of the Power line 33kV S/C above ground cable using 1Rx3Cx300 Square mm (108 m) from ICR Block No. 12 to 59.4 MW, 8 Panel Board Type-2 (Block- 12) and 2R(ph) x 1C x 630 square mm (7.800 kms) size cable from Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board- Type-2 (Block- 12) to Feeder no. 8, (Bus-3) to GSECL 33/400kV North Block Pooling Sub Station at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length:23.508 kms)
- (d) Length of Power line: 23.508 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XXIV
- (b) Length of parallelism: As per Annexure-XXIV

3 Average value of earth resistivity in the region: 5000 ohm-cms

4 Whether LF test necessary: No

5 Special conditions subject to which this certificate will be effective As per Annexure-XXIV

Annexure XXIV

Name of the Power Line: 33kV S/C above ground cable using 1Rx3Cx300 Square mm (108 m) from ICR Block No. 12 to 59.4 MW, 8 Panel Board Type-2 (Block- 12) and 2R(ph) x 1C x 630 square mm (7.800 kms) size cable from Sub-Pooling Station Board Name 59.4 MW, 8 Panel Board-Type-2 (Block- 12) to Feeder no. 8, (Bus-3) to GSECL 33/400kV North Block Pooling Sub Station at 200 MW Solar PV Plant of M/s Enren-II Energy Private Limited at Khavda, Gujarat. (Length:23.508 kms)

1. BSNL Telecom Details:

DET (PTCC), WZ Zone, BSNL vide letter IC/MBI/PTCC/Offline/GUJ-3120 dated 22.10.2025 has issued their NOC

2. Railway Telecom Details:

GM (S&T). Western Railway vide letter SG.158/28/12/1594 dated 12.09.2025 has issued their NOC.

3. Defense Telecom Details:

ADG (Telecom), MoD, vide letter N. B/46937/Sigs-7(b)/5045 dated 19.12.2025 has issued their NOC.

4. 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
GSECL 33/400 kV North Block Pooling Substation	83.5	63000	0.004	NA	NA	NA	NA
MCR	75	19600	0.003	NA	NA	NA	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.