



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 ReNew Green (MHS One) Private Limited.

Provisional Route Approval Certificate having a validity of **60 days** from the date of issuance for the following listed lines of M/s ReNew Green (MHS One) Private Limited is annexed to this letter:

S. No	Name
1.	33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-02 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.355 Kms)
2.	33 KV Al Cable (3Cx185 Sq.mm) from ICR-01 to ICR-02 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.653 Kms)
3.	33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-04 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.592 Kms)
4.	33 KV Al Cable (3Cx185 Sq.mm) from ICR-03 to ICR-04 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.367 Kms)
5.	33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-06 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 1.25 Kms)
6.	33 KV Al Cable (3Cx185 Sq.mm) from ICR-05 to ICR-06 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.572 Kms)
7.	33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-08 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 1.715 Kms)

8.	33 KV Al Cable (3Cx185 Sq.mm) from ICR-07 to ICR-08 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 1.15 Kms)
9.	33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-09 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 2.264 Kms)
10.	33 KV Al Cable (3Cx185 Sq.mm) from H-Pole 2A to ICR-09 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.605 Kms)
11.	33 KV Al Cable (3Cx185 Sq.mm) from H-Pole 2B to ICR-10 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.57 Kms)
12.	33 KV Al Cable (3Cx185 Sq.mm) from ICR-11 to ICR-12 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.91 Kms)
13.	33 KV Al Cable (3Cx400 Sq.mm) from H-Pole 2B to ICR-09 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.237 Kms)
14.	33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to H-Pole 2A of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 2.621 Kms)

Chief Engineer

1.	M/s ReNew Green (MHS One) Private Limited	ReNew Hub, Commercial Block-1, Zone 6, Golf Course Road, DLF City Phase-V, Gurugram – 122 009
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CEA Case No.: MRA-1320-ICR-02

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 **33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-02 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.355 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 ReNew Green (MHS One) Private Limited |
| (b) | Reference number & date: | RGMOPL/CEA/PTCC-01 dated 09.09.2025
E-mail dated 10.10.2025
E-mail dated 29.10.2025
E-mail dated 17.11.2025 |
| (c) | Name of the Power line | 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-02 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur |
| (d) | Length of Power line: | 0.355 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-II |
| (b) | Length of parallelism: | As per Annexure-II |
| 3 | Average value of earth resistivity in the region: | 25,000 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 Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-02 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.355 Kms)

1. BSNL Telecom Details:

DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2743/02 dated 23.09.2025 has issued their NOC.

2. Railway Telecom Details:

GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-975 dated 03.10.2025 has issued their NOC.

3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5098 dated 14.11.2025 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
400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited	116.42	37.8	0.58383	5859	3836	251	141
ICR	13.76	28.89	0.9	818	537	37	22

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.: MRA-1320-ICR-01-ICR-02

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 the route of **33 KV Al Cable (3Cx185 Sq.mm) from ICR-01 to ICR-02 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.653 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 ReNew Green (MHS One) Private Limited |
| (b) | Reference number & date: | RGMOPL/CEA/PTCC-01 dated 09.09.2025
E-mail dated 10.10.2025
E-mail dated 29.10.2025
E-mail dated 17.11.2025 |
| (c) | Name of the Power line | 33 KV Al Cable (3Cx185 Sq.mm) from ICR-01 to ICR-02 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur |
| (d) | Length of Power line: | 0.653 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-IV |
| (b) | Length of parallelism: | As per Annexure-IV |

3 Average value of earth resistivity in the region: 25,000 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 Al Cable (3Cx185 Sq.mm) from ICR-01 to ICR-02 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.653 Kms)

1. BSNL Telecom Details:

DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2743/02 dated 23.09.2025 has issued their NOC.

2. Railway Telecom Details:

GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-975 dated 03.10.2025 has issued their NOC.

3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5098 dated 14.11.2025 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
ICR	13.76	28.89	0.9	818	537	37	22

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.: MRA-1320-ICR-04

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 the route of **33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-04 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.592 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

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|-----|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (a) | Name of the Power Supply authority seeking approval | M/s ReNew Green (MHS One) Private Limited |
| (b) | Reference number & date: | RGMOPL/CEA/PTCC-01 dated 09.09.2025
E-mail dated 10.10.2025
E-mail dated 29.10.2025
E-mail dated 17.11.2025 |
| (c) | Name of the Power line | 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-04 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur |
| (d) | Length of Power line: | 0.592 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-VI |
| (b) | Length of parallelism: | As per Annexure-VI |

3 Average value of earth resistivity in the region: 25,000 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 Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-04 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.592 Kms)

1. BSNL Telecom Details:

DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2743/02 dated 23.09.2025 has issued their NOC.

2. Railway Telecom Details:

GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-975 dated 03.10.2025 has issued their NOC.

3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5098 dated 14.11.2025 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
400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited	116.42	37.8	0.58383	5859	3836	251	141
ICR	13.76	28.89	0.9	818	537	37	22

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.

Feeder No. 4

CEA Case No.: MRA-1320-03-04

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 the route of **33 KV Al Cable (3Cx185 Sq.mm) from ICR-03 to ICR-04 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.367 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 ReNew Green (MHS One) Private Limited |
| (b) | Reference number & date: | RGMOPL/CEA/PTCC-01 dated 09.09.2025
E-mail dated 10.10.2025
E-mail dated 29.10.2025
E-mail dated 17.11.2025 |
| (c) | Name of the Power line | 33 KV Al Cable (3Cx185 Sq.mm) from ICR-03 to ICR-04 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur |
| (d) | Length of Power line: | 0.367 kms |
| (e) | Operating Voltage | 33 kV |
| (f) | Number of circuits | 1 |

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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: 25,000 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 Al Cable (3Cx185 Sq.mm) from ICR-03 to ICR-04 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.367 Kms)

1. BSNL Telecom Details:

DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2743/02 dated 23.09.2025 has issued their NOC.

2. Railway Telecom Details:

GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-975 dated 03.10.2025 has issued their NOC.

3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5098 dated 14.11.2025 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
ICR	13.76	28.89	0.9	818	537	37	22

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.: MRA-1320-ICR-06

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 the route of **33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-06 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 1.25 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

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- (a) Name of the Power Supply authority seeking approval M/s ReNew Green (MHS One) Private Limited
- (b) Reference number & date: RGMOP/CEA/PTCC-01 dated 09.09.2025
E-mail dated 10.10.2025
E-mail dated 29.10.2025
E-mail dated 17.11.2025
- (c) Name of the Power line 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-06 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur
- (d) Length of Power line: 1.25 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: 25,000 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 Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-06 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 1.25 Kms)

1. BSNL Telecom Details:

DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2743/02 dated 23.09.2025 has issued their NOC.

2. Railway Telecom Details:

GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-975 dated 03.10.2025 has issued their NOC.

3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5098 dated 14.11.2025 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
400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited	116.42	37.8	0.58383	5859	3836	251	141
ICR	13.76	28.89	0.9	818	537	37	22

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.: MRA-1320-ICR-05-ICR-06

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 the route of **33 KV Al Cable (3Cx185 Sq.mm) from ICR-05 to ICR-06 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.572 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 ReNew Green (MHS One) Private Limited
- (b) Reference number & date: RGMOPL/CEA/PTCC-01 dated 09.09.2025
E-mail dated 10.10.2025
E-mail dated 29.10.2025
E-mail dated 17.11.2025
- (c) Name of the Power line 33 KV Al Cable (3Cx185 Sq.mm) from ICR-05 to ICR-06 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.572 Kms)
- (d) Length of Power line: 0.572 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: 25,000 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 Al Cable (3Cx185 Sq.mm) from ICR-05 to ICR-06 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.572 Kms)

1. BSNL Telecom Details:

DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2743/02 dated 23.09.2025 has issued their NOC.

2. Railway Telecom Details:

GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-975 dated 03.10.2025 has issued their NOC.

3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5098 dated 14.11.2025 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
ICR	13.76	28.89	0.9	818	537	37	22

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.: MRA-1320-ICR-08

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 the route of **33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-08 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 1.715 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 ReNew Green (MHS One) Private Limited
- (b) Reference number & date: RGMOP/CEA/PTCC-01 dated 09.09.2025
E-mail dated 10.10.2025
E-mail dated 29.10.2025
E-mail dated 17.11.2025
- (c) Name of the Power line 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-08 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 1.715 Kms)
- (d) Length of Power line: 1.715 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: 25,000 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 Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-08 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 1.715 Kms)

1. BSNL Telecom Details:

DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2743/02 dated 23.09.2025 has issued their NOC.

2. Railway Telecom Details:

GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-975 dated 03.10.2025 has issued their NOC.

3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5098 dated 14.11.2025 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
400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited	116.42	37.8	0.58383	5859	3836	251	141
ICR	13.76	28.89	0.9	818	537	37	22

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.: MRA-1320-ICR-07-ICR-08

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 **60 days** from the date of signing to the route of **33 KV Al Cable (3Cx185 Sq.mm) from ICR-07 to ICR-08 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 1.15 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 ReNew Green (MHS One) Private Limited
- (b) Reference number & date: RGMOP/CEA/PTCC-01 dated 09.09.2025
E-mail dated 10.10.2025
E-mail dated 29.10.2025
E-mail dated 17.11.2025
- (c) Name of the Power line 33 KV Al Cable (3Cx185 Sq.mm) from ICR-07 to ICR-08 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 1.15 Kms)
- (d) Length of Power line: 1.15 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: 25,000 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 Al Cable (3Cx185 Sq.mm) from ICR-07 to ICR-08 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 1.15 Kms)

1. BSNL Telecom Details:

DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2743/02 dated 23.09.2025 has issued their NOC.

2. Railway Telecom Details:

GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-975 dated 03.10.2025 has issued their NOC.

3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5098 dated 14.11.2025 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
ICR	13.76	28.89	0.9	818	537	37	22

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.: MRA-1320-ICR-09

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 the route of **33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-09 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 2.264 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 ReNew Green (MHS One) Private Limited
- (b) Reference number & date: RGMOP/CEA/PTCC-01 dated 09.09.2025
E-mail dated 10.10.2025
E-mail dated 29.10.2025
E-mail dated 17.11.2025
- (c) Name of the Power line 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-09 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 2.264 Kms)
- (d) Length of Power line: 2.264 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: 25,000 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: 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to ICR-09 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 2.264 Kms)

1. BSNL Telecom Details:

DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2743/02 dated 23.09.2025 has issued their NOC.

2. Railway Telecom Details:

GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-975 dated 03.10.2025 has issued their NOC.

3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5098 dated 14.11.2025 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
400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited	116.42	37.8	0.58383	5859	3836	251	141
ICR	13.76	28.89	0.9	818	537	37	22

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.: MRA-1320-HP2A-ICR-09

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 the route of **33 KV Al Cable (3Cx185 Sq.mm) from H-Pole 2A to ICR-09 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.605 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

1

- (a) Name of the Power Supply authority seeking approval M/s ReNew Green (MHS One) Private Limited
- (b) Reference number & date: RGMOP/CEA/PTCC-01 dated 09.09.2025
E-mail dated 10.10.2025
E-mail dated 29.10.2025
E-mail dated 17.11.2025
- (c) Name of the Power line 33 KV Al Cable (3Cx185 Sq.mm) from H-Pole 2A to ICR-09 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.605 Kms)
- (d) Length of Power line: 0.605 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: 25,000 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: 33 KV Al Cable (3Cx185 Sq.mm) from H-Pole 2A to ICR-09 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.605 Kms)

1. BSNL Telecom Details:

DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2743/02 dated 23.09.2025 has issued their NOC.

2. Railway Telecom Details:

GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-975 dated 03.10.2025 has issued their NOC.

3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5098 dated 14.11.2025 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
400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited	116.42	37.8	0.58383	5859	3836	251	141
ICR	13.76	28.89	0.9	818	537	37	22

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.: MRA-1320-HP2B-ICR-10

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 **60 days** from the date of signing to the route of **33 KV Al Cable (3Cx185 Sq.mm) from H-Pole 2B to ICR-10 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.57 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 ReNew Green (MHS One) Private Limited
- (b) Reference number & date: RGMOP/CEA/PTCC-01 dated 09.09.2025
E-mail dated 10.10.2025
E-mail dated 29.10.2025
E-mail dated 17.11.2025
- (c) Name of the Power line 33 KV Al Cable (3Cx185 Sq.mm) from H-Pole 2B to ICR-10 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.57 Kms)
- (d) Length of Power line: 0.57 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: 25,000 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: 33 KV Al Cable (3Cx185 Sq.mm) from H-Pole 2B to ICR-10 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.57 Kms)

1. BSNL Telecom Details:

DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2743/02 dated 23.09.2025 has issued their NOC.

2. Railway Telecom Details:

GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-975 dated 03.10.2025 has issued their NOC.

3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5098 dated 14.11.2025 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
400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited	116.42	37.8	0.58383	5859	3836	251	141
ICR	13.76	28.89	0.9	818	537	37	22

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.: MRA-1320-ICR-11-ICR-12

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 the route of **33 KV Al Cable (3Cx185 Sq.mm) from ICR-11 to ICR-12 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.91 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 ReNew Green (MHS One) Private Limited
- (b) Reference number & date: RGMOP/CEA/PTCC-01 dated 09.09.2025
E-mail dated 10.10.2025
E-mail dated 29.10.2025
E-mail dated 17.11.2025
- (c) Name of the Power line 33 KV Al Cable (3Cx185 Sq.mm) from ICR-11 to ICR-12 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.91 Kms)
- (d) Length of Power line: 0.91 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: 25,000 ohm-cms

4 Whether LF test necessary: No

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

Annexure XXIV

Name of the Power Line: 33 KV Al Cable (3Cx185 Sq.mm) from ICR-11 to ICR-12 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.91 Kms)

1. BSNL Telecom Details:

DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2743/02 dated 23.09.2025 has issued their NOC.

2. Railway Telecom Details:

GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-975 dated 03.10.2025 has issued their NOC.

3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5098 dated 14.11.2025 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
ICR	13.76	28.89	0.9	818	537	37	22

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.: MRA-1320-HP2B-ICR-09

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 the route of **33 KV Al Cable (3Cx400 Sq.mm) from H-Pole 2B to ICR-09 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.237 Kms)** particulars of which are given in Annexure XXV.

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 XXVI.

Annexure XXV

1

- (a) Name of the Power Supply authority seeking approval M/s ReNew Green (MHS One) Private Limited
- (b) Reference number & date: RGMOP/CEA/PTCC-01 dated 09.09.2025
E-mail dated 10.10.2025
E-mail dated 29.10.2025
E-mail dated 17.11.2025
- (c) Name of the Power line 33 KV Al Cable (3Cx400 Sq.mm) from H-Pole 2B to ICR-09 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.237 Kms)
- (d) Length of Power line: 0.237 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

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

3 Average value of earth resistivity in the region: 25,000 ohm-cms

4 Whether LF test necessary: No

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

Annexure XXVI

Name of the Power Line: 33 KV Al Cable (3Cx400 Sq.mm) from H-Pole 2B to ICR-09 of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 0.237 Kms)

1. BSNL Telecom Details:

DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2743/02 dated 23.09.2025 has issued their NOC.

2. Railway Telecom Details:

GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-975 dated 03.10.2025 has issued their NOC.

3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5098 dated 14.11.2025 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
400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited	116.42	37.8	0.58383	5859	3836	251	141
ICR	13.76	28.89	0.9	818	537	37	22

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.: MRA-1320-HP2A

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 the route of **33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to H-Pole 2A of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 2.621 Kms)** particulars of which are given in Annexure XXVII.

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 XXVIII.

Annexure XXVII

1

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|-----|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (a) | Name of the Power Supply authority seeking approval | M/s ReNew Green (MHS One) Private Limited |
| (b) | Reference number & date: | RGMOPL/CEA/PTCC-01 dated 09.09.2025
E-mail dated 10.10.2025
E-mail dated 29.10.2025
E-mail dated 17.11.2025 |
| (c) | Name of the Power line | 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to H-Pole 2A of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 2.621 Kms) |
| (d) | Length of Power line: | 2.621 kms |
| (e) | Operating Voltage | 33 kV |
| (f) | Number of circuits | 1 |

2

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

3	Average value of earth resistivity in the region:	25,000 ohm-cms
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4	Whether LF test necessary:	No
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5	Special conditions subject to which this certificate will be effective	As per Annexure-XXVIII
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Annexure XXVIII

Name of the Power Line: 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited to H-Pole 2A of 100 MW Solar Power Plant of M/s Renew Green (MHS One) Private Limited at Solapur (Length: 2.621 Kms)

1. BSNL Telecom Details:

DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2743/02 dated 23.09.2025 has issued their NOC.

2. Railway Telecom Details:

GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-975 dated 03.10.2025 has issued their NOC.

3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5098 dated 14.11.2025 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
400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited	116.42	37.8	0.58383	5859	3836	251	141

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.