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 ReNew Green (MHS Three) Private Limited.

Route Approval Certificate for the following listed lines of M/s ReNew Green (MHS Three) 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 **(SW2-F3) to ICR-13** of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur **(Length: 0.812 Kms)**
2.	33 KV Al Cable (3Cx185 Sq.mm) from **ICR-14 to ICR-13** of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur **(Length: 0.218 Kms)**
3.	33 KV Al Cable (3Cx185 Sq.mm) from **ICR-15 to ICR-13** of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur **(Length: 0.659 Kms)**
4.	33 KV Al Cable (3Cx400 Sq.mm) from Proposed **400/33 KV Pooling Substation** of M/s ReNew Green Energy Solutions Private Limited **(SW2-F3) to ICR-16** of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur **(Length: 1.701 Kms)**
5.	33 KV Al Cable (3Cx185 Sq.mm) from **ICR-17 to ICR-16** of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur **(Length: 0.358 Kms)**
6.	33 KV Al Cable (3Cx185 Sq.mm) from **ICR-18 to ICR-16** of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur **(Length: 0.579 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 **(SW2-F4) to ICR-21** of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur **(Length: 2.104 Kms)**
8.	33 KV Al Cable (3Cx185 Sq.mm) from **ICR-19 to ICR-21** of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur **(Length: 0.537 Kms)**

9.	33 KV Al Cable (3Cx185 Sq.mm) from **ICR-20 to ICR-21** of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur **(Length: 0.290 Kms)**
10.	33 KV Al Cable (3Cx400 Sq.mm) from Proposed **400/33 KV Pooling Substation** of M/s ReNew Green Energy Solutions Private Limited **(SW2-F4) to ICR-24** of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur **(Length: 2.233 Kms)**
11.	33 KV Al Cable (3Cx185 Sq.mm) from **ICR-22 to ICR-24** of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur **(Length: 0.672 Kms)**
12.	33 KV Al Cable (3Cx185 Sq.mm) from **ICR-23 to ICR-24** of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur **(Length: 0.936 Kms)**

Digitally signed by
Suman Kumar Maharana
Date: 28-11-2025
18:52:15

Chief Engineer

1.	M/s ReNew Green (MHS THREE) Private Limited	ReNew Hub, Commercial Block-1, Zone 6, Golf Course Road, DLF City Phase-V, Gurugram – 122 009

CEA Case No.: **MRA-1321-ICR-13**

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 (SW2-F3) to ICR-13 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 0.812 Kms)** particulars of which are given in Annexure I.

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

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

Annexure I

1		
(a)	Name of the Power Supply authority seeking approval	M/s ReNew Green (MHS Three) Private Limited
(b)	Reference number & date:	RGMTPL/CEA/PTCC-03 dated 09.09.2025 E-mail dated 10.10.2025 E-mail dated 20.11.2025
(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 (SW2-F3) to ICR-13 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur
(d)	Length of Power line:	0.812 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:	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 (SW2-F3) to ICR-13 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 0.812 Kms)

1. **BSNL Telecom Details:**
   DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2747/02 dated 27.09.2025 has issued their NOC.

2. **Railway Telecom Details:**
   GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-979 dated 03.10.2025 has issued their NOC.

3. **Defense Telecom Details:**
   Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5102 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-1321-ICR-14-ICR-13**

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-14 to ICR-13 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 0.218 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

(a)	Name of the Power Supply authority seeking approval	M/s ReNew Green (MHS Three) Private Limited
(b)	Reference number & date:	RGMTPL/CEA/PTCC-03 dated 09.09.2025 E-mail dated 10.10.2025 E-mail dated 20.11.2025
(c)	Name of the Power line	33 KV Al Cable (3Cx185 Sq.mm) from ICR-14 to ICR-13 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur
(d)	Length of Power line:	0.218 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:	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-14 to ICR-13 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 0.218 Kms)

1. **BSNL Telecom Details:**
   DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2747/02 dated 27.09.2025 has issued their NOC.

2. **Railway Telecom Details:**
   GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-979 dated 03.10.2025 has issued their NOC.

3. **Defense Telecom Details:**
   Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5102 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-1321-ICR-15-ICR-13**

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-15 to ICR-13 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 0.659 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 ReNew Green (MHS Three) Private Limited
(b)	Reference number & date:	RGMTPL/CEA/PTCC-03 dated 09.09.2025 E-mail dated 10.10.2025 E-mail dated 20.11.2025
(c)	Name of the Power line	33 KV Al Cable (3Cx185 Sq.mm) from ICR-15 to ICR-13 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur
(d)	Length of Power line:	0.659 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:	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 (3Cx185 Sq.mm) from ICR-15 to ICR-13 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 0.659 Kms)

1. **BSNL Telecom Details:**
   DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2747/02 dated 27.09.2025 has issued their NOC.

2. **Railway Telecom Details:**
   GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-979 dated 03.10.2025 has issued their NOC.

3. **Defense Telecom Details:**
   Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5102 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-1321-ICR-16

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 (SW2-F3) to ICR-16 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 1.701 Kms)** particulars of which are given in Annexure VII.

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

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

Annexure VII

1		
(a)	Name of the Power Supply authority seeking approval	M/s ReNew Green (MHS Three) Private Limited
(b)	Reference number & date:	RGMTPL/CEA/PTCC-03 dated 09.09.2025 E-mail dated 10.10.2025 E-mail dated 20.11.2025
(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 (SW2-F3) to ICR-16 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur
(d)	Length of Power line:	1.701 kms
(e)	Operating Voltage	33 kV
(f)	Number of circuits	1
2		
(a)	Names of parallel telecom lines:	As per Annexure-VIII
(b)	Length of parallelism:	As per Annexure-VIII
3	Average value of earth resistivity in the region:	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 (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited (SW2-F3) to ICR-16 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 1.701 Kms)

1. **BSNL Telecom Details:**
   DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2747/02 dated 27.09.2025 has issued their NOC.

2. **Railway Telecom Details:**
   GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-979 dated 03.10.2025 has issued their NOC.

3. **Defense Telecom Details:**
   Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5102 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-1321-ICR-17-ICR-16**

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-17 to ICR-16 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 0.358 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 ReNew Green (MHS Three) Private Limited
(b)	Reference number & date:	RGMTPL/CEA/PTCC-03 dated 09.09.2025 E-mail dated 10.10.2025 E-mail dated 20.11.2025
(c)	Name of the Power line	33 KV Al Cable (3Cx185 Sq.mm) from ICR-17 to ICR-16 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur
(d)	Length of Power line:	0.358 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 (3Cx185 Sq.mm) from ICR-17 to ICR-16 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 0.358 Kms)

1. **BSNL Telecom Details:**
   DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2747/02 dated 27.09.2025 has issued their NOC.

2. **Railway Telecom Details:**
   GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-979 dated 03.10.2025 has issued their NOC.

3. **Defense Telecom Details:**
   Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5102 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-1321-ICR-18-ICR-16

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-18 to ICR-16 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 0.579 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

(a)	Name of the Power Supply authority seeking approval	M/s ReNew Green (MHS Three) Private Limited
(b)	Reference number & date:	RGMTPL/CEA/PTCC-03 dated 09.09.2025 E-mail dated 10.10.2025 E-mail dated 20.11.2025
(c)	Name of the Power line	33 KV Al Cable (3Cx185 Sq.mm) from ICR-18 to ICR-16 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur
(d)	Length of Power line:	0.579 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-18 to ICR-16 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 0.579 Kms)

1. **BSNL Telecom Details:**
   DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2747/02 dated 27.09.2025 has issued their NOC.

2. **Railway Telecom Details:**
   GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-979 dated 03.10.2025 has issued their NOC.

3. **Defense Telecom Details:**
   Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5102 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-1321-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 (SW2-F4) to ICR-21 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 2.104 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 Three) Private Limited
(b)	Reference number & date:	RGMTPL/CEA/PTCC-03 dated 09.09.2025 E-mail dated 10.10.2025 E-mail dated 20.11.2025
(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 (SW2-F4) to ICR-21 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur
(d)	Length of Power line:	2.104 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 (SW2-F4) to ICR-21 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 2.104 Kms)

1. **BSNL Telecom Details:**
   DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2747/02 dated 27.09.2025 has issued their NOC.

2. **Railway Telecom Details:**
   GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-979 dated 03.10.2025 has issued their NOC.

3. **Defense Telecom Details:**
   Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5102 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-1321-ICR-19-ICR-21

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-19 to ICR-21 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 0.537 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 Three) Private Limited
(b)	Reference number & date:	RGMTPL/CEA/PTCC-03 dated 09.09.2025 E-mail dated 10.10.2025 E-mail dated 20.11.2025
(c)	Name of the Power line	33 KV Al Cable (3Cx185 Sq.mm) from ICR-19 to ICR-21 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 0.537 Kms)
(d)	Length of Power line:	0.537 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-19 to ICR-21 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 0.537 Kms)

1. **BSNL Telecom Details:**
   DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2747/02 dated 27.09.2025 has issued their NOC.

2. **Railway Telecom Details:**
   GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-979 dated 03.10.2025 has issued their NOC.

3. **Defense Telecom Details:**
   Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5102 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-1321-ICR-20-ICR-21**

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-20 to ICR-21 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 0.290 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 Three) Private Limited
(b)	Reference number & date:	RGMTPL/CEA/PTCC-03 dated 09.09.2025 E-mail dated 10.10.2025 E-mail dated 20.11.2025
(c)	Name of the Power line	33 KV Al Cable (3Cx185 Sq.mm) from ICR-20 to ICR-21 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur
(d)	Length of Power line:	0.290 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 (3Cx185 Sq.mm) from ICR-20 to ICR-21 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 0.290 Kms)

1. **BSNL Telecom Details:**
   DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2747/02 dated 27.09.2025 has issued their NOC.

2. **Railway Telecom Details:**
   GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-979 dated 03.10.2025 has issued their NOC.

3. **Defense Telecom Details:**
   Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5102 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-1321-ICR-24

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 (SW2-F4) to ICR-24 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 2.233 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 Three) Private Limited
(b)	Reference number & date:	RGMTPL/CEA/PTCC-03 dated 09.09.2025 E-mail dated 10.10.2025 E-mail dated 20.11.2025
(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 (SW2-F4) to ICR-24 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur
(d)	Length of Power line:	2.233 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 (3Cx400 Sq.mm) from Proposed 400/33 KV Pooling Substation of M/s ReNew Green Energy Solutions Private Limited (SW2-F4) to ICR-24 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 2.233 Kms)

1. **BSNL Telecom Details:**
   DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2747/02 dated 27.09.2025 has issued their NOC.

2. **Railway Telecom Details:**
   GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-979 dated 03.10.2025 has issued their NOC.

3. **Defense Telecom Details:**
   Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5102 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-1321-ICR-22-ICR-24

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-22 to ICR-24 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 0.672 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 Three) Private Limited
(b)	Reference number & date:	RGMTPL/CEA/PTCC-03 dated 09.09.2025 E-mail dated 10.10.2025 E-mail dated 20.11.2025
(c)	Name of the Power line	33 KV Al Cable (3Cx185 Sq.mm) from ICR-22 to ICR-24 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur
(d)	Length of Power line:	0.672 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 ICR-22 to ICR-24 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 0.672 Kms)

1. **BSNL Telecom Details:**
   DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2747/02 dated 27.09.2025 has issued their NOC.

2. **Railway Telecom Details:**
   GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-979 dated 03.10.2025 has issued their NOC.

3. **Defense Telecom Details:**
   Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5102 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-1321-ICR-23-ICR-24

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-23 to ICR-24 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 0.936 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 Three) Private Limited
(b)	Reference number & date:	RGMTPL/CEA/PTCC-03 dated 09.09.2025 E-mail dated 10.10.2025 E-mail dated 20.11.2025
(c)	Name of the Power line	33 KV Al Cable (3Cx185 Sq.mm) from ICR-23 to ICR-24 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur
(d)	Length of Power line:	0.936 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-23 to ICR-24 of 100 MW Solar Power Plant of M/s Renew Green (MHS Three) Private Limited at Solapur (Length: 0.936 Kms)

1. **BSNL Telecom Details:**
   DET (PTCC), BSNL, WZ Zone vide letter IC/MBI/PTCC/MRA-2747/02 dated 27.09.2025 has issued their NOC.

2. **Railway Telecom Details:**
   GM (S&T), Central Railway vide letter N.705/T/PTCC/33kV/MAH-979 dated 03.10.2025 has issued their NOC.

3. **Defense Telecom Details:**
   Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5102 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.