



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 Surya Jyoti Private Limited.

Route Approval Certificate for the following listed lines of M/s ReNew Surya Jyoti Private Limited is annexed to this letter:

S.No.	Name
1	33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F3) to ICR-02 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.560 Kms)
2	33 KV Al Cable (3Cx185 Sq.mm) from ICR-01 to ICR-02 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.342 Kms)
3	33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F3) to ICR-04 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.995 Kms)
4	33 KV Al Cable (3Cx185 Sq.mm) from ICR-03 to ICR-04 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.312 Kms)
5	33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F4) to ICR-07 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.020 Kms)
6	33 KV Al Cable (3Cx185 Sq.mm) from ICR-08 to ICR-07 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.318 Kms)
7	33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F4) to ICR-06 of 210 MW

सेवा भवन, रामाकृष्ण पुरम, सेक्टर -1, नई दिल्ली -110 066 टेलीफोन: 011-26736706 ईमेल: cepcd.cea@gov.in वेबसाइट: www.cea.nic.in

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	Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.530 Kms)
8	33 KV Al Cable (3Cx185 Sq.mm) from ICR-22 to ICR-06 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.410 Kms)
9	33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F5) to ICR-12 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.300 Kms)
10	33 KV Al Cable (3Cx185 Sq.mm) from ICR-09 to ICR-12 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.834 Kms)
11	33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F5) to ICR-11 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.595 Kms)
12	33 KV Al Cable (3Cx185 Sq.mm) from ICR-10 to ICR-11 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.336 Kms)
13	33 KV Al Cable (3Cx185 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F6) to ICR-05 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.785 Kms)
14	33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F3) to ICR-14 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.710 Kms)
15	33 KV Al Cable (3Cx185 Sq.mm) from ICR-16 to ICR-14 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.636 Kms)
16	33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F3) to ICR-15 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.062 Kms)
17	33 KV Al Cable (3Cx185 Sq.mm) from ICR-17 to ICR-15 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.512 Kms)
18	33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F4) to ICR-13 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.570 Kms)
19	33 KV Al Cable (3Cx185 Sq.mm) from ICR-21 to ICR-13 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.436 Kms)
20	33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F4) to ICR-18 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.940 Kms)
21	33 KV Al Cable (3Cx185 Sq.mm) from ICR-19 to ICR-18 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.370 Kms)

22	33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F5) to ICR-23 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.910 Kms)
23	33 KV Al Cable (3Cx185 Sq.mm) from ICR-24 to ICR-23 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.300 Kms)
24	33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F5) to ICR-26 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 2.090 Kms)
25	33 KV Al Cable (3Cx185 Sq.mm) from ICR-25 to ICR-26 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.300 Kms)
26	33 KV Al Cable (3Cx185 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F6) to ICR-20 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.730 Kms)

Chief Engineer

1.	M/s ReNew Surya Jyoti 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.: RAJ-920 - 1.**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 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F3) to ICR-02 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.560 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 Surya Jyoti Private Limited |
| (b) | Reference number & date: | RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026 |
| (c) | Name of the Power line | 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F3) to ICR-02 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.560 Kms) |
| (d) | Length of Power line: | 1.560 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: 25000 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 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F3) to ICR-02 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.560 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 2.**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 (3Cx185 Sq.mm) from ICR-01 to ICR-02 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.342 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 Surya Jyoti Private Limited
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx185 Sq.mm) from ICR-01 to ICR-02 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.342 Kms)
- (d) Length of Power line: 0.342 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: 25000 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 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.342 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 3.**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 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F3) to ICR-04 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.995 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 Surya Jyoti Private Limited |
| (b) | Reference number & date: | RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026 |
| (c) | Name of the Power line | 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F3) to ICR-04 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.995 Kms) |
| (d) | Length of Power line: | 0.995 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: 25000 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 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F3) to ICR-04 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.995 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 4.**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 (3Cx185 Sq.mm) from ICR-03 to ICR-04 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.312 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 Surya Jyoti Private Limited
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx185 Sq.mm) from ICR-03 to ICR-04 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.312 Kms)
- (d) Length of Power line: 0.312 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: 25000 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 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.312 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 5.**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 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F4) to ICR-07 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.020 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 M/s ReNew Surya Jyoti Private Limited seeking approval
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F4) to ICR-07 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.020 Kms)
- (d) Length of Power line: 1.020 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: 25000 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 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F4) to ICR-07 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.020 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 6.**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 (3Cx185 Sq.mm) from ICR-08 to ICR-07 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.318 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 Surya Jyoti Private Limited
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx185 Sq.mm) from ICR-08 to ICR-07 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.318 Kms)
- (d) Length of Power line: 0.318 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: 25000 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-08 to ICR-07 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.318 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 7.**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 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F4) to ICR-06 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.530 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 Surya Jyoti Private Limited
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F4) to ICR-06 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.530 Kms)
- (d) Length of Power line: 0.530 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: 25000 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 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F4) to ICR-06 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.530 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 8.**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 (3Cx185 Sq.mm) from ICR-22 to ICR-06 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.410 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 Surya Jyoti Private Limited
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx185 Sq.mm) from ICR-22 to ICR-06 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.410 Kms)
- (d) Length of Power line: 1.410 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: 25000 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-22 to ICR-06 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.410 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 9.**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 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F5) to ICR-12 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.300 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 Surya Jyoti Private Limited
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F5) to ICR-12 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.300 Kms)
- (d) Length of Power line: 0.300 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: 25000 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 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F5) to ICR-12 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.300 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 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 **33 KV Al Cable (3Cx185 Sq.mm) from ICR-09 to ICR-12 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.834 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 Surya Jyoti Private Limited
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx185 Sq.mm) from ICR-09 to ICR-12 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.834 Kms)
- (d) Length of Power line: 0.834 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: 25000 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 ICR-09 to ICR-12 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.834 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 11.**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 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F5) to ICR-11 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.595 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 M/s ReNew Surya Jyoti Private Limited seeking approval
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F5) to ICR-11 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.595 Kms)
- (d) Length of Power line: 0.595 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: 25000 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 (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F5) to ICR-11 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.595 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 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 **33 KV Al Cable (3Cx185 Sq.mm) from ICR-10 to ICR-11 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.336 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 Surya Jyoti Private Limited
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx185 Sq.mm) from ICR-10 to ICR-11 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.336 Kms)
- (d) Length of Power line: 0.336 Kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

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

3 Average value of earth resistivity in the region: 25000 ohm-cms

4 Whether LF test necessary: No

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

Annexure XXIV

Name of the Power Line: 33 KV Al Cable (3Cx185 Sq.mm) from ICR-10 to ICR-11 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.336 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 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 (3Cx185 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F6) to ICR-05 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.785 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 Surya Jyoti Private Limited
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx185 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F6) to ICR-05 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.785 Kms)
- (d) Length of Power line: 0.785 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: 25000 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 (3Cx185 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW1-F6) to ICR-05 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.785 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 14.**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 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F3) to ICR-14 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.710 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

- (a) Name of the Power Supply authority M/s ReNew Surya Jyoti Private Limited seeking approval
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F3) to ICR-14 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.710 Kms)
- (d) Length of Power line: 0.710 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: 25000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXVIII

Annexure XXVIII

Name of the Power Line: 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F3) to ICR-14 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.710 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 15.

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 (3Cx185 Sq.mm) from ICR-16 to ICR-14 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.636 Kms)** particulars of which are given in Annexure XXIX.

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 XXX.

Annexure XXIX

1

- (a) Name of the Power Supply authority seeking approval M/s ReNew Surya Jyoti Private Limited
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx185 Sq.mm) from ICR-16 to ICR-14 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.636 Kms)
- (d) Length of Power line: 0.636 Kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

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

3 Average value of earth resistivity in the region: 25000 ohm-cms

4 Whether LF test necessary: No

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

Annexure XXX

Name of the Power Line: 33 KV Al Cable (3Cx185 Sq.mm) from ICR-16 to ICR-14 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.636 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 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 **33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F3) to ICR-15 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.062 Kms)** particulars of which are given in Annexure XXXI.

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 XXXII.

Annexure XXXI

1

- (a) Name of the Power Supply authority seeking approval M/s ReNew Surya Jyoti Private Limited
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F3) to ICR-15 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.062 Kms)
- (d) Length of Power line: 1.062 Kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XXXII
- (b) Length of parallelism: As per Annexure-XXXII
- 3 Average value of earth resistivity in the region: 25000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXXII

Annexure XXXII

Name of the Power Line: 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F3) to ICR-15 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.062 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 17.**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 (3Cx185 Sq.mm) from ICR-17 to ICR-15 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.512 Kms)** particulars of which are given in Annexure XXXIII.

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 XXXIV.

Annexure XXXIII

1

- (a) Name of the Power Supply authority M/s ReNew Surya Jyoti Private Limited seeking approval
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx185 Sq.mm) from ICR-17 to ICR-15 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.512 Kms)
- (d) Length of Power line: 0.512 Kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

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

3 Average value of earth resistivity in the region: 25000 ohm-cms

4 Whether LF test necessary: No

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

Annexure XXXIV

Name of the Power Line: 33 KV Al Cable (3Cx185 Sq.mm) from ICR-17 to ICR-15 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.512 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 18.**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 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F4) to ICR-13 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.570 Kms)** particulars of which are given in Annexure XXXV.

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 XXXVI.

Annexure XXXV

1

- (a) Name of the Power Supply authority M/s ReNew Surya Jyoti Private Limited seeking approval
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F4) to ICR-13 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.570 Kms)
- (d) Length of Power line: 1.570 Kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XXXVI
- (b) Length of parallelism: As per Annexure-XXXVI
- 3 Average value of earth resistivity in the region: 25000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXXVI

Annexure XXXVI

Name of the Power Line: 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F4) to ICR-13 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.570 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 19.**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 (3Cx185 Sq.mm) from ICR-21 to ICR-13 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.436 Kms)** particulars of which are given in Annexure XXXVII.

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 XXXVIII.

Annexure XXXVII

1

- (a) Name of the Power Supply authority M/s ReNew Surya Jyoti Private Limited seeking approval
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx185 Sq.mm) from ICR-21 to ICR-13 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.436 Kms)
- (d) Length of Power line: 0.436 Kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

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

3 Average value of earth resistivity in the region: 25000 ohm-cms

4 Whether LF test necessary: No

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

Annexure XXXVIII

Name of the Power Line: 33 KV Al Cable (3Cx185 Sq.mm) from ICR-21 to ICR-13 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.436 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 20.**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 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F4) to ICR-18 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.940 Kms)** particulars of which are given in Annexure XXXIX.

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 XXXX.

Annexure XXXIX

1

- (a) Name of the Power Supply authority seeking approval M/s ReNew Surya Jyoti Private Limited
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F4) to ICR-18 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.940 Kms)
- (d) Length of Power line: 1.940 Kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

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

3 Average value of earth resistivity in the region: 25000 ohm-cms

4 Whether LF test necessary: No

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

Annexure XL

Name of the Power Line: 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F4) to ICR-18 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.940 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 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 **33 KV Al Cable (3Cx185 Sq.mm) from ICR-19 to ICR-18 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.370 Kms)** particulars of which are given in Annexure XLI.

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 XLII.

Annexure XLI

1

- (a) Name of the Power Supply authority seeking approval M/s ReNew Surya Jyoti Private Limited
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx185 Sq.mm) from ICR-19 to ICR-18 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.370 Kms)
- (d) Length of Power line: 0.370 Kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

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

3 Average value of earth resistivity in the region: 25000 ohm-cms

4 Whether LF test necessary: No

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

Annexure XLII

Name of the Power Line: 33 KV Al Cable (3Cx185 Sq.mm) from ICR-19 to ICR-18 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.370 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 22.**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 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F5) to ICR-23 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.910 Kms)** particulars of which are given in Annexure XLIII.

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 XLIV.

Annexure XLIII

1

- (a) Name of the Power Supply authority M/s ReNew Surya Jyoti Private Limited seeking approval
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F5) to ICR-23 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.910 Kms)
- (d) Length of Power line: 1.910 Kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

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

3 Average value of earth resistivity in the region: 25000 ohm-cms

4 Whether LF test necessary: No

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

Annexure XLIV

Name of the Power Line: 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F5) to ICR-23 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.910 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 23.**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 (3Cx185 Sq.mm) from ICR-24 to ICR-23 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.300 Kms)** particulars of which are given in Annexure XLV.

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 XLVI.

Annexure XLV

1

- (a) Name of the Power Supply authority seeking approval M/s ReNew Surya Jyoti Private Limited
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx185 Sq.mm) from ICR-24 to ICR-23 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.300 Kms)
- (d) Length of Power line: 0.300 Kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

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

3 Average value of earth resistivity in the region: 25000 ohm-cms

4 Whether LF test necessary: No

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

Annexure XLVI

Name of the Power Line: 33 KV Al Cable (3Cx185 Sq.mm) from ICR-24 to ICR-23 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.300 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 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 **33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F5) to ICR-26 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 2.090 Kms)** particulars of which are given in Annexure XLVII.

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 XLVIII.

Annexure XLVII

1

- (a) Name of the Power Supply authority M/s ReNew Surya Jyoti Private Limited seeking approval
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F5) to ICR-26 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 2.090 Kms)
- (d) Length of Power line: 2.090 Kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XLVIII
- (b) Length of parallelism: As per Annexure-XLVIII
- 3 Average value of earth resistivity in the region: 25000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XLVIII

Annexure XLVIII

Name of the Power Line: 33 KV Al Cable (3Cx400 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F5) to ICR-26 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 2.090 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 25.**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 (3Cx185 Sq.mm) from ICR-25 to ICR-26 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.300 Kms)** particulars of which are given in Annexure XLIX.

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 XLX.

Annexure XLIX

1

- (a) Name of the Power Supply authority M/s ReNew Surya Jyoti Private Limited seeking approval
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx185 Sq.mm) from ICR-25 to ICR-26 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.300 Kms)
- (d) Length of Power line: 0.300 Kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-L
- (b) Length of parallelism: As per Annexure-L
- 3 Average value of earth resistivity in the region: 25000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-L

Annexure L

Name of the Power Line: 33 KV Al Cable (3Cx185 Sq.mm) from ICR-25 to ICR-26 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 0.300 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.: RAJ-920 - 26.**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 (3Cx185 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F6) to ICR-20 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.730 Kms)** particulars of which are given in Annexure LI.

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 LII.

Annexure LI

1

- (a) Name of the Power Supply authority seeking approval M/s ReNew Surya Jyoti Private Limited
- (b) Reference number & date: RSJPL/CEA/PTCC-01 dated 20.09.2025
E-mail dated 12.02.2026
- (c) Name of the Power line 33 KV Al Cable (3Cx185 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F6) to ICR-20 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.730 Kms)
- (d) Length of Power line: 1.730 Kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LII
- (b) Length of parallelism: As per Annexure-LII
- 3 Average value of earth resistivity in the region: 25000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LII

Annexure LII

Name of the Power Line: 33 KV Al Cable (3Cx185 Sq.mm) from Proposed 220/33 KV Pooling Substation of M/s ReNew Surya Jyoti Private Limited (SW2-F6) to ICR-20 of 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer (Length: 1.730 Kms)

1. BSNL Telecom Details:

AGM (CFA), BSNL (Jaipur), vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 17.10.2025 has stated non-existence of any BSNL telecom asset within the 5 km boundary of the proposed route. Thus, BSNL letter is taken as Deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide reference SG/158/NWR/PTCC/1226 dated 16.10.2025 has given their NOC for charging of the line.

3. Defense Telecom Details:

ADG (Telecom), MoD vide letter B/46937/Sigs-7(b)/5173 dated 19.12.2025 has given their NOC for charging of the line.

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
220/33 kV PSS for 210 MW Solar Power Plant of M/s ReNew Surya Jyoti Private Limited at Jaisalmer	64.37	20	0.89505	2615	1708	100	51
ICR	39.95	13.15	1.267	1508	984	55	27

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.