



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**

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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 Serentica Renewables India 8 Private Limited.

**Route Approval Certificate** for the following listed lines of M/s Serentica Renewables India 8 Private Limited is annexed to this letter:

S.No.	Name
1	33 kV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX1CX630 SQMM and 33 KV Al Cable laid Underground from Harmonic Filter 1 to 33 KV feeder no. 301 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan. (Length: 0.2 kms)
2	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 2RX1CX500, 2RX1CX630 SQMM and 33 KV Al Cable laid Underground from SVG 1 to 33 KV feeder no. 302 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan. (Length: 0.18 kms)
3	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to Power Transformer 1 to 33 KV feeder no. 303 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.04 kms)
4	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to Power Transformer 2 to 33 KV feeder no. 304 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan. (Length: 0.04 kms)
5	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to

	Power Transformer 3 to 33 KV feeder no. 305 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 0.04 kms)
6	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Auxiliary Transformer 1 to 33 KV feeder no. 311 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 0.1 kms)
7	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX1CX630 SQMM and 33 KV Al Cable laid Underground from Harmonic Filter 2 to 33 KV feeder no. 317 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.2 kms)
8	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Auxiliary Transformer 2 to 33 KV feeder no. 318 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 0.1 kms)
9	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to Power Transformer 4 to 33 KV feeder no. 319 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 0.04 kms)
10	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 2RX1CX500, 2RX1CX630 SQMM and 33 KV Al Cable laid Underground from SVG 2 to 33 KV feeder no. 320 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.18 kms)
11	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 1 to 33 KV feeder no. 322 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.805 kms)
12	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 2 to 33 KV feeder no. 323 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.784 kms)
13	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 3 to 33 KV feeder no. 324 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.368 kms)
14	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 4 to 33 KV feeder no. 325 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.364 kms)
15	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 5 to 33 KV feeder no. 326 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.905 kms)

16	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 6 to 33 KV feeder no. 327 at 400 /33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.826 kms)
17	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No 7 to 33 KV feeder no. 328 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 2.31 kms)
18	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 8 to 33 KV feeder no. 329 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.254 kms)
19	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX1CX630 SQMM and 33 KV Al Cable laid Underground from Harmonic Filter 3 to 33 KV feeder no. 330 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.2 kms)
20	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 2RX1CX500, 2RX1CX630 SQMM and 33 KV Al Cable laid Underground from SVG 3 to 33 KV feeder no. 331 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.18 kms)
21	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 9 to 33 KV feeder no. 332 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.424 kms)
22	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to Power Transformer 5 to 33 KV feeder no. 333 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.04 kms)
23	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 10 to 33 KV feeder no. 334 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.088 kms)
24	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 11 to 33 KV feeder no. 335 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.141 kms)
25	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 12 to 33 KV feeder no. 336 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.458 kms)
26	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 13 to 33 KV feeder no. 337 at 400/33 KV PSS of Serentica Renewables India

	Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.219 kms)
27	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 14 to 33 KV feeder no. 338 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.789 kms)
28	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 15 to 33 KV feeder no. 339 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.837 kms)
29	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 16 to 33 KV feeder no. 340 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.759 kms)
30	33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 17 to 33 KV feeder no. 341 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.462 kms)

Chief Engineer

1.	M/s Serentica Renewables India 8 Private Limited	RMZ Infinity, 5th Floor, Plot No. 15, Udyog Vihar, Phase-IV, DHQ, PO, New Delhi – 122 015.
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**CEA Case No.: RAJ-942****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 Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX1CX630 SQMM and 33 KV AI Cable laid Underground from Harmonic Filter 1 to 33 KV feeder no. 301 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan. (Length: 0.2 kms) particulars of which are given in Annexure I.**

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

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

**Annexure I**

1

- (a) Name of the Power Supply authority seeking approval M/s Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33 kV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX1CX630 SQMM and 33 KV Al Cable laid Underground from Harmonic Filter 1 to 33 KV feeder no. 301 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan. (Length: 0.2 kms)
- (d) Length of Power line: 0.2 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-II
- (b) Length of parallelism: As per Annexure-II
- 3 Average value of earth resistivity in the region: 20000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-II

## Annexure II

**Name of the Power Line:** 33 kV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX1CX630 SQMM and 33 KV Al Cable laid Underground from Harmonic Filter 1 to 33 KV feeder no. 301 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan. (Length: 0.2 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 2RX1CX500, 2RX1CX630 SQMM and 33 KV Al Cable laid Underground from SVG 1 to 33 KV feeder no. 302 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan. (Length: 0.18 kms) particulars of which are given in Annexure III.**

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

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

**Annexure III**

1

- (a) Name of the Power Supply authority seeking approval M/s Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 2RX1CX500, 2RX1CX630 SQMM and 33 KV Al Cable laid Underground from SVG 1 to 33 KV feeder no. 302 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan. (Length: 0.18 kms)
- (d) Length of Power line: 0.18 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: 20000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-IV

## Annexure IV

**Name of the Power Line:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 2RX1CX500, 2RX1CX630 SQMM and 33 KV Al Cable laid Underground from SVG 1 to 33 KV feeder no. 302 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan. (Length: 0.18 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to Power Transformer 1 to 33 KV feeder no. 303 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.04 kms) particulars of which are given in Annexure V.**

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

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

**Annexure V**

1

- (a) Name of the Power Supply authority seeking approval M/s Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to Power Transformer 1 to 33 KV feeder no. 303 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.04 kms)
- (d) Length of Power line: 0.04 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-VI
- (b) Length of parallelism: As per Annexure-VI
- 3 Average value of earth resistivity in the region: 20000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-VI

## Annexure VI

**Name of the Power Line:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to Power Transformer 1 to 33 KV feeder no. 303 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.04 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to Power Transformer 2 to 33 KV feeder no. 304 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan. (Length: 0.04 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.
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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 Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to Power Transformer 2 to 33 KV feeder no. 304 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan. (Length: 0.04 kms)
- (d) Length of Power line: 0.04 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: 20000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-VIII

### Annexure VIII

**Name of the Power Line:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to Power Transformer 2 to 33 KV feeder no. 304 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan. (Length: 0.04 kms)

#### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

#### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

#### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

#### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to Power Transformer 3 to 33 KV feeder no. 305 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.04 kms) particulars of which are given in Annexure IX.**

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

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

**Annexure IX**

1

- (a) Name of the Power Supply authority seeking approval M/s Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to Power Transformer 3 to 33 KV feeder no. 305 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.04 kms)
- (d) Length of Power line: 0.04 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: 20000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-X

## Annexure X

**Name of the Power Line:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to Power Transformer 3 to 33 KV feeder no. 305 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.04 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV AI Cable laid Underground from Auxiliary Transformer 1 to 33 KV feeder no. 311 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.1 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 Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Auxiliary Transformer 1 to 33 KV feeder no. 311 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 0.1 kms)
- (d) Length of Power line: 0.1 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: 20000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XII

## Annexure XII

**Name of the Power Line:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Auxiliary Transformer 1 to 33 KV feeder no. 311 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.1 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX1CX630 SQMM and 33 KV AI Cable laid Underground from Harmonic Filter 2 to 33 KV feeder no. 317 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.2 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 Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX1CX630 SQMM and 33 KV Al Cable laid Underground from Harmonic Filter 2 to 33 KV feeder no. 317 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 0.2 kms)
- (d) Length of Power line: 0.2 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: 20000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XIV

## Annexure XIV

**Name of the Power Line:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX1CX630 SQMM and 33 KV Al Cable laid Underground from Harmonic Filter 2 to 33 KV feeder no. 317 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.2 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV AI Cable laid Underground from Auxiliary Transformer 2 to 33 KV feeder no. 318 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.1 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 Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Auxiliary Transformer 2 to 33 KV feeder no. 318 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 0.1 kms)
- (d) Length of Power line: 0.1 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: 20000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XVI

## Annexure XVI

**Name of the Power Line:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Auxiliary Transformer 2 to 33 KV feeder no. 318 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.1 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to Power Transformer 4 to 33 KV feeder no. 319 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.04 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 Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to Power Transformer 4 to 33 KV feeder no. 319 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.04 kms)
- (d) Length of Power line: 0.04 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: 20000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XVIII

## Annexure XVIII

**Name of the Power Line:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to Power Transformer 4 to 33 KV feeder no. 319 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.04 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 2RX1CX500, 2RX1CX630 SQMM and 33 KV Al Cable laid Underground from SVG 2 to 33 KV feeder no. 320 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.18 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 Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 2RX1CX500, 2RX1CX630 SQMM and 33 KV Al Cable laid Underground from SVG 2 to 33 KV feeder no. 320 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 0.18 kms)
- (d) Length of Power line: 0.18 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: 20000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XX

## Annexure XX

**Name of the Power Line:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 2RX1CX500, 2RX1CX630 SQMM and 33 KV Al Cable laid Underground from SVG 2 to 33 KV feeder no. 320 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.18 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV AI Cable laid Underground from Solar Block No. 1 to 33 KV feeder no. 322 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.805 kms) particulars of which are given in Annexure XXI.**

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

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

**Annexure XXI**

1

- (a) Name of the Power Supply authority seeking approval M/s Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 1 to 33 KV feeder no. 322 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 1.805 kms)
- (d) Length of Power line: 1.805 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: 20000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXII

## Annexure XXII

**Name of the Power Line:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 1 to 33 KV feeder no. 322 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.805 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV AI Cable laid Underground from Solar Block No. 2 to 33 KV feeder no. 323 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.784 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 Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 2 to 33 KV feeder no. 323 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District-Jaisalmer, Rajasthan (Length: 0.784 kms)
- (d) Length of Power line: 0.784 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: 20000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXIV

## Annexure XXIV

**Name of the Power Line:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 2 to 33 KV feeder no. 323 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.784 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV AI Cable laid Underground from Solar Block No. 3 to 33 KV feeder no. 324 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.368 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 Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 3 to 33 KV feeder no. 324 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District-Jaisalmer, Rajasthan (Length: 1.368 kms)
- (d) Length of Power line: 1.368 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: 20000 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:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 3 to 33 KV feeder no. 324 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.368 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV AI Cable laid Underground from Solar Block No. 4 to 33 KV feeder no. 325 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.364 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 seeking approval M/s Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 4 to 33 KV feeder no. 325 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District-Jaisalmer, Rajasthan (Length: 1.364 kms)
- (d) Length of Power line: 1.364 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: 20000 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:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 4 to 33 KV feeder no. 325 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.364 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV AI Cable laid Underground from Solar Block No. 5 to 33 KV feeder no. 326 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.905 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 Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 5 to 33 KV feeder no. 326 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District-Jaisalmer, Rajasthan (Length: 0.905 kms)
- (d) Length of Power line: 0.905 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: 20000 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:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 5 to 33 KV feeder no. 326 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.905 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV AI Cable laid Underground from Solar Block No. 6 to 33 KV feeder no. 327 at 400 /33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.826 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 Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 6 to 33 KV feeder no. 327 at 400 /33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District-Jaisalmer, Rajasthan (Length: 1.826 kms)
- (d) Length of Power line: 1.826 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: 20000 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:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 6 to 33 KV feeder no. 327 at 400 /33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.826 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No 7 to 33 KV feeder no. 328 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 2.31 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 seeking approval M/s Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No 7 to 33 KV feeder no. 328 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District-Jaisalmer, Rajasthan (Length: 2.31 kms)
- (d) Length of Power line: 2.31 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: 20000 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:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No 7 to 33 KV feeder no. 328 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 2.31 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV AI Cable laid Underground from Solar Block No. 8 to 33 KV feeder no. 329 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.254 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 seeking approval M/s Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 8 to 33 KV feeder no. 329 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District-Jaisalmer, Rajasthan (Length: 1.254 kms)
- (d) Length of Power line: 1.254 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: 20000 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:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 8 to 33 KV feeder no. 329 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.254 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX1CX630 SQMM and 33 KV AI Cable laid Underground from Harmonic Filter 3 to 33 KV feeder no. 330 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.2 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 seeking approval M/s Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX1CX630 SQMM and 33 KV Al Cable laid Underground from Harmonic Filter 3 to 33 KV feeder no. 330 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 0.2 kms)
- (d) Length of Power line: 0.2 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: 20000 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:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX1CX630 SQMM and 33 KV Al Cable laid Underground from Harmonic Filter 3 to 33 KV feeder no. 330 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.2 kms)

#### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

#### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

#### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 2RX1CX500, 2RX1CX630 SQMM and 33 KV Al Cable laid Underground from SVG 3 to 33 KV feeder no. 331 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.18 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 Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 2RX1CX500, 2RX1CX630 SQMM and 33 KV Al Cable laid Underground from SVG 3 to 33 KV feeder no. 331 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 0.18 kms)
- (d) Length of Power line: 0.18 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: 20000 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:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 2RX1CX500, 2RX1CX630 SQMM and 33 KV Al Cable laid Underground from SVG 3 to 33 KV feeder no. 331 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.18 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV AI Cable laid Underground from Solar Block No. 9 to 33 KV feeder no. 332 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.424 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 Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 9 to 33 KV feeder no. 332 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 1.424 kms)
- (d) Length of Power line: 1.424 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: 20000 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:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 9 to 33 KV feeder no. 332 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.424 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to Power Transformer 5 to 33 KV feeder no. 333 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.04 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 seeking approval M/s Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to Power Transformer 5 to 33 KV feeder no. 333 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.04 kms)
- (d) Length of Power line: 0.04 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: 20000 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:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 4RX1CX630 SQMM and 33 KV Al Cable laid Underground from Outgoing to Power Transformer 5 to 33 KV feeder no. 333 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.04 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV AI Cable laid Underground from Solar Block No. 10 to 33 KV feeder no. 334 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.088 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 Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 10 to 33 KV feeder no. 334 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 1.088 kms)
- (d) Length of Power line: 1.088 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: 20000 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:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 10 to 33 KV feeder no. 334 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.088 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV AI Cable laid Underground from Solar Block No. 11 to 33 KV feeder no. 335 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.141 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 seeking approval M/s Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 11 to 33 KV feeder no. 335 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 1.141 kms)
- (d) Length of Power line: 1.141 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: 20000 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:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 11 to 33 KV feeder no. 335 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.141 kms)

### 1. BSNL Telecom Details:

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

### 3. Defense Telecom Details:

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

### 4. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 12 to 33 KV feeder no. 336 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.458 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 seeking approval M/s Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 12 to 33 KV feeder no. 336 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 1.458 kms)
- (d) Length of Power line: 1.458 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: 20000 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:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 12 to 33 KV feeder no. 336 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.458 kms)

**1. BSNL Telecom Details:**

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

**2. Railway Telecom Details:**

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

**3. Defense Telecom Details:**

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

**4. EPR zone for the proposed substation is mentioned below:**

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV AI Cable laid Underground from Solar Block No. 13 to 33 KV feeder no. 337 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.219 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 Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 13 to 33 KV feeder no. 337 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 1.219 kms)
- (d) Length of Power line: 1.219 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: 20000 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:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 13 to 33 KV feeder no. 337 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.219 kms)

**1. BSNL Telecom Details:**

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

**2. Railway Telecom Details:**

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

**3. Defense Telecom Details:**

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

**4. EPR zone for the proposed substation is mentioned below:**

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 14 to 33 KV feeder no. 338 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.789 kms)** particulars of which are given in Annexure LIII.

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 LIV.

## Annexure LIII

1

- (a) Name of the Power Supply authority seeking approval M/s Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 14 to 33 KV feeder no. 338 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 0.789 kms)
- (d) Length of Power line: 0.789 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LIV
- (b) Length of parallelism: As per Annexure-LIV
- 3 Average value of earth resistivity in the region: 20000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LIV

## Annexure LIV

**Name of the Power Line:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 14 to 33 KV feeder no. 338 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.789 kms)

**1. BSNL Telecom Details:**

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

**2. Railway Telecom Details:**

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

**3. Defense Telecom Details:**

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

**4. EPR zone for the proposed substation is mentioned below:**

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV AI Cable laid Underground from Solar Block No. 15 to 33 KV feeder no. 339 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.837 kms)** particulars of which are given in Annexure LV.

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 LVI.

## Annexure LV

1

- (a) Name of the Power Supply authority seeking approval M/s Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 15 to 33 KV feeder no. 339 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 1.837 kms)
- (d) Length of Power line: 1.837 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LVI
- (b) Length of parallelism: As per Annexure-LVI
- 3 Average value of earth resistivity in the region: 20000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LVI

## Annexure LVI

**Name of the Power Line:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 15 to 33 KV feeder no. 339 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.837 kms)

**1. BSNL Telecom Details:**

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

**2. Railway Telecom Details:**

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

**3. Defense Telecom Details:**

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

**4. EPR zone for the proposed substation is mentioned below:**

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 16 to 33 KV feeder no. 340 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.759 kms)** particulars of which are given in Annexure LVII.

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 LVIII.

## Annexure LVII

1

- (a) Name of the Power Supply authority seeking approval M/s Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 16 to 33 KV feeder no. 340 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 1.759 kms)
- (d) Length of Power line: 1.759 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LVIII
- (b) Length of parallelism: As per Annexure-LVIII
- 3 Average value of earth resistivity in the region: 20000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LVIII

## Annexure LVIII

**Name of the Power Line:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 16 to 33 KV feeder no. 340 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 1.759 kms)

**1. BSNL Telecom Details:**

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

**2. Railway Telecom Details:**

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

**3. Defense Telecom Details:**

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

**4. EPR zone for the proposed substation is mentioned below:**

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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-942****Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line**

**Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 17 to 33 KV feeder no. 341 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.462 kms)** particulars of which are given in Annexure LIX.

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 LX.

## Annexure LIX

1

- (a) Name of the Power Supply authority seeking approval M/s Serentica Renewables India 8 Private Limited
- (b) Reference number & date: SRI8PL/PTCC/33KV/25-26 dated 18.11.2025  
E-mail dated 22.01.2026
- (c) Name of the Power line 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 17 to 33 KV feeder no. 341 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District-Jaisalmer, Rajasthan (Length: 0.462 kms)
- (d) Length of Power line: 0.462 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LX
- (b) Length of parallelism: As per Annexure-LX
- 3 Average value of earth resistivity in the region: 20000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LX

## Annexure LX

**Name of the Power Line:** 33KV Feeder of M/s. Serentica Renewables India 8 Private Limited for 1RX3CX300 SQMM and 33 KV Al Cable laid Underground from Solar Block No. 17 to 33 KV feeder no. 341 at 400/33 KV PSS of Serentica Renewables India Private Limited at Village kotha, Fatehgarh, District- Jaisalmer, Rajasthan (Length: 0.462 kms)

**1. BSNL Telecom Details:**

AGM (OP), O/o DGM, Jaisalmer, NZ Zone vide letter M-3/ PTCC Meeting/ Bikaner/ 2025 dated 15.01.2026 has stated Non-existence of any telecom asset within the periphery of the route. Thus, BSNL has been taken as Deemed NOC.

**2. Railway Telecom Details:**

Dy CSTE/Tele/NWR/Jaipur, Central Railway vide letter SG/158/NWR/PTCC/1258 dated 05.01.2026 has issued their NOC.

**3. Defense Telecom Details:**

Additional DG (Telecommunication) vide letter B/46937/Sigs-7(b)/5148 dated 07.01.2026 has issued their NOC.

**4. EPR zone for the proposed substation is mentioned below:**

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
33 kV Solar Block	17.06	25	0.50	479	311	13	4

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.