



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:** Provisional Certificate of Approval for the Route of Power Lines of Serentica Renewables India 5 Pvt Ltd.

**Provisional Route Approval Certificate** for the following listed lines of Serentica Renewables India 5 Pvt Ltd is annexed to this letter:

S.No.	Name
1	33KV Outgoing Feeder No. 357 of M/s. Serentica Renewables India 5 Private Limited for 2RX3CX300 SQMM 33 KV Al Cable laid Underground from HT panel of 220/33 KV PSS to intermediate HT panel at Village Jaymalsar , District-Bikaner, Rajasthan. (Length: 0.244 kms)
2	33KV BESS Feeder No. 358 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Cluster-01 - IDT 01 at Village Jaymalsar, District-Bikaner, Rajasthan. (Length: 0.099 kms)
3	33KV BESS Feeder No. 359 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Cluster-02 - IDT 02 at Village Jaymalsar, District-Bikaner, Rajasthan. (Length: 0.074 kms)
4	33KV BESS Feeder No. 360 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Cluster-03 - IDT 03 at Village Jaymalsar, District-Bikaner, Rajasthan. (Length: 0.048 kms)
5	33KV BESS Feeder No. 361 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Auxiliary Transfomer 01 at Village Jaymalsar, District-Bikaner, Rajasthan. (Length: 0.016 kms)
6	33KV Outgoing Feeder No. 362 of M/s. Serentica Renewables India 5 Private Limited for 2RX3CX300 SQMM 33 KV Al Cable laid Underground from HT panel of 220/33 KV PSS to intermediate HT panel at Village Jaymalsar , District-Bikaner, Rajasthan. (Length: 0.224 kms)
7	33KV BESS Feeder No. 363 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from

	intermediate HT panel to Cluster-01 - IDT 04 at Village Jaymalsar, District-Bikaner, Rajasthan. (Length: 0.099 kms)
8	33KV BESS Feeder No. 364 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Cluster-02 - IDT 05 at Village Jaymalsar, District-Bikaner, Rajasthan. (Length: 0.073 kms)
9	33KV BESS Feeder No. 365 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Auxiliary Transforeer 02 at Village Jaymalsar, District-Bikaner, Rajasthan. (Length: 0.02 kms)

Chief Engineer

To,

1.	Serentica Renewables India 5 Pvt Ltd	RMZ Infinity, 5th Floor, Plot No 15, Udyog Vihar, Phase IV, Gurugram , Haryana -122015
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**CEA Case No.: RAJ-1001 - SRI5PL-01**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33KV Outgoing Feeder No. 357 of M/s. Serentica Renewables India 5 Private Limited for 2RX3CX300 SQMM 33 KV Al Cable laid Underground from HT panel of 220/33 KV PSS to intermediate HT panel at Village Jaymalsar , District- Bikaner, Rajasthan. (Length: 0.244 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 Serentica Renewables India 5 Pvt Ltd
- (b) Reference number & date: SRI5PL/PTCC/33kV/26-27 Dated 05.02.2026  
Undertaking for Provisional PTCC Clearance Dated 30.03.2026
- (c) Name of the Power line 33KV Outgoing Feeder No. 357 of M/s. Serentica Renewables India 5 Private Limited for 2RX3CX300 SQMM 33 KV Al Cable laid Underground from HT panel of 220/33 KV PSS to intermediate HT panel at Village Jaymalsar , District-Bikaner, Rajasthan. (Length: 0.244 kms)
- (d) Length of Power line: 0.244 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: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-II

## Annexure II

**Name of the Power Line:** 33KV Outgoing Feeder No. 357 of M/s. Serentica Renewables India 5 Private Limited for 2RX3CX300 SQMM 33 KV Al Cable laid Underground from HT panel of 220/33 KV PSS to intermediate HT panel at Village Jaymalsar , District- Bikaner, Rajasthan. (Length: 0.244 kms)

### 1. BSNL Telecom Details:

AGM (CFA), O/o CGMT Raj., CO Jaipur vide letter: RJCO-18/16(13)/3/2020-CFA/19012 dated 13.02.2026 has given their NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele NWR/Jaipur vide letter SG/158/NWR/PTCC/1358 dated 23.03.2026 has issued their NOC.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of SRI5PL	94.05	50	0.859	9300	6120	483	310
33 kV BESS Blocks	77	25	0.93	4086	2677	179	102

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-1001 - SRI5PL-02**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33KV BESS Feeder No. 358 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Cluster-01 - IDT 01 at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.099 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 Serentica Renewables India 5 Pvt Ltd
- (b) Reference number & date: SRI5PL/PTCC/33kV/26-27 Dated 05.02.2026  
Undertaking for Provisional PTCC Clearance Dated 30.03.2026
- (c) Name of the Power line 33KV BESS Feeder No. 358 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Cluster-01 - IDT 01 at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.099 kms)
- (d) Length of Power line: 0.099 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: 15000 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 BESS Feeder No. 358 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Cluster-01 - IDT 01 at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.099 kms)

**1. BSNL Telecom Details:**

AGM (CFA), O/o CGMT Raj., CO Jaipur vide letter: RJCO-18/16(13)/3/2020-CFA/19012 dated 13.02.2026 has given their NOC.

**2. Railway Telecom Details:**

Dy CSTE/Tele NWR/Jaipur vide letter SG/158/NWR/PTCC/1358 dated 23.03.2026 has issued their NOC.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of SRI5PL	94.05	50	0.859	9300	6120	483	310
33 kV BESS Blocks	77	25	0.93	4086	2677	179	102

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-1001 - SRI5PL-03**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33KV BESS Feeder No. 359 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Cluster-02 - IDT 02 at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.074 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 Serentica Renewables India 5 Pvt Ltd
- (b) Reference number & date: SRI5PL/PTCC/33kV/26-27 Dated 05.02.2026  
Undertaking for Provisional PTCC Clearance Dated 30.03.2026
- (c) Name of the Power line 33KV BESS Feeder No. 359 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Cluster-02 - IDT 02 at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.074 kms)
- (d) Length of Power line: 0.074 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: 15000 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 BESS Feeder No. 359 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Cluster-02 - IDT 02 at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.074 kms)

### 1. BSNL Telecom Details:

AGM (CFA), O/o CGMT Raj., CO Jaipur vide letter: RJCO-18/16(13)/3/2020-CFA/19012 dated 13.02.2026 has given their NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele NWR/Jaipur vide letter SG/158/NWR/PTCC/1358 dated 23.03.2026 has issued their NOC.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of SRI5PL	94.05	50	0.859	9300	6120	483	310
33 kV BESS Blocks	77	25	0.93	4086	2677	179	102

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-1001 - SRI5PL-04**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33KV BESS Feeder No. 360 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Cluster-03 - IDT 03 at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.048 kms)** particulars of which are given in Annexure VII.

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

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

**Annexure VII**

1

- (a) Name of the Power Supply authority seeking approval Serentica Renewables India 5 Pvt Ltd
- (b) Reference number & date: SRI5PL/PTCC/33kV/26-27 Dated 05.02.2026  
Undertaking for Provisional PTCC Clearance Dated 30.03.2026
- (c) Name of the Power line 33KV BESS Feeder No. 360 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV AI Cable laid Underground from intermediate HT panel to Cluster-03 - IDT 03 at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.048 kms)
- (d) Length of Power line: 0.048 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: 15000 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 BESS Feeder No. 360 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Cluster-03 - IDT 03 at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.048 kms)

**1. BSNL Telecom Details:**

AGM (CFA), O/o CGMT Raj., CO Jaipur vide letter: RJCO-18/16(13)/3/2020-CFA/19012 dated 13.02.2026 has given their NOC.

**2. Railway Telecom Details:**

Dy CSTE/Tele NWR/Jaipur vide letter SG/158/NWR/PTCC/1358 dated 23.03.2026 has issued their NOC.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of SRI5PL	94.05	50	0.859	9300	6120	483	310
33 kV BESS Blocks	77	25	0.93	4086	2677	179	102

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-1001 - SRI5PL-05**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33KV BESS Feeder No. 361 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Auxiliary Transformer 01 at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.016 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 Serentica Renewables India 5 Pvt Ltd
- (b) Reference number & date: SRI5PL/PTCC/33kV/26-27 Dated 05.02.2026  
Undertaking for Provisional PTCC Clearance Dated 30.03.2026
- (c) Name of the Power line 33KV BESS Feeder No. 361 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Auxiliary Transforer 01 at Village Jaymalsar, District-Bikaner, Rajasthan. (Length: 0.016 kms)
- (d) Length of Power line: 0.016 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: 15000 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 BESS Feeder No. 361 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Auxiliary Transformer 01 at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.016 kms)

### 1. BSNL Telecom Details:

AGM (CFA), O/o CGMT Raj., CO Jaipur vide letter: RJCO-18/16(13)/3/2020-CFA/19012 dated 13.02.2026 has given their NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele NWR/Jaipur vide letter SG/158/NWR/PTCC/1358 dated 23.03.2026 has issued their NOC.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of SRI5PL	94.05	50	0.859	9300	6120	483	310
33 kV BESS Blocks	77	25	0.93	4086	2677	179	102

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-1001 - SRI5PL-06**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33KV Outgoing Feeder No. 362 of M/s. Serentica Renewables India 5 Private Limited for 2RX3CX300 SQMM 33 KV Al Cable laid Underground from HT panel of 220/33 KV PSS to intermediate HT panel at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.224 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 Serentica Renewables India 5 Pvt Ltd
- (b) Reference number & date: SRI5PL/PTCC/33kV/26-27 Dated 05.02.2026  
Undertaking for Provisional PTCC Clearance Dated 30.03.2026
- (c) Name of the Power line 33KV Outgoing Feeder No. 362 of M/s. Serentica Renewables India 5 Private Limited for 2RX3CX300 SQMM 33 KV Al Cable laid Underground from HT panel of 220/33 KV PSS to intermediate HT panel at Village Jaymalsar , District-Bikaner, Rajasthan. (Length: 0.224 kms)
- (d) Length of Power line: 0.224 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: 15000 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 Outgoing Feeder No. 362 of M/s. Serentica Renewables India 5 Private Limited for 2RX3CX300 SQMM 33 KV Al Cable laid Underground from HT panel of 220/33 KV PSS to intermediate HT panel at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.224 kms)

### 1. BSNL Telecom Details:

AGM (CFA), O/o CGMT Raj., CO Jaipur vide letter: RJCO-18/16(13)/3/2020-CFA/19012 dated 13.02.2026 has given their NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele NWR/Jaipur vide letter SG/158/NWR/PTCC/1358 dated 23.03.2026 has issued their NOC.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of SRI5PL	94.05	50	0.859	9300	6120	483	310
33 kV BESS Blocks	77	25	0.93	4086	2677	179	102

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-1001 - SRI5PL-07**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33KV BESS Feeder No. 363 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Cluster-01 - IDT 04 at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.099 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 Serentica Renewables India 5 Pvt Ltd
- (b) Reference number & date: SRI5PL/PTCC/33kV/26-27 Dated 05.02.2026  
Undertaking for Provisional PTCC Clearance Dated 30.03.2026
- (c) Name of the Power line 33KV BESS Feeder No. 363 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Cluster-01 - IDT 04 at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.099 kms)
- (d) Length of Power line: 0.099 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: 15000 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 BESS Feeder No. 363 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Cluster-01 - IDT 04 at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.099 kms)

**1. BSNL Telecom Details:**

AGM (CFA), O/o CGMT Raj., CO Jaipur vide letter: RJCO-18/16(13)/3/2020-CFA/19012 dated 13.02.2026 has given their NOC.

**2. Railway Telecom Details:**

Dy CSTE/Tele NWR/Jaipur vide letter SG/158/NWR/PTCC/1358 dated 23.03.2026 has issued their NOC.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of SRI5PL	94.05	50	0.859	9300	6120	483	310
33 kV BESS Blocks	77	25	0.93	4086	2677	179	102

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-1001 - SRI5PL-08**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33KV BESS Feeder No. 364 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Cluster-02 - IDT 05 at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.073 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 Serentica Renewables India 5 Pvt Ltd
- (b) Reference number & date: SRI5PL/PTCC/33kV/26-27 Dated 05.02.2026  
Undertaking for Provisional PTCC Clearance Dated 30.03.2026
- (c) Name of the Power line 33KV BESS Feeder No. 364 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Cluster-02 - IDT 05 at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.073 kms)
- (d) Length of Power line: 0.073 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: 15000 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 BESS Feeder No. 364 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Cluster-02 - IDT 05 at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.073 kms)

### 1. BSNL Telecom Details:

AGM (CFA), O/o CGMT Raj., CO Jaipur vide letter: RJCO-18/16(13)/3/2020-CFA/19012 dated 13.02.2026 has given their NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele NWR/Jaipur vide letter SG/158/NWR/PTCC/1358 dated 23.03.2026 has issued their NOC.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of SRI5PL	94.05	50	0.859	9300	6120	483	310
33 kV BESS Blocks	77	25	0.93	4086	2677	179	102

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-1001 - SRI5PL-09**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33KV BESS Feeder No. 365 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Auxiliary Transforer 02 at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.02 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 Serentica Renewables India 5 Pvt Ltd
- (b) Reference number & date: SRI5PL/PTCC/33kV/26-27 Dated 05.02.2026  
Undertaking for Provisional PTCC Clearance Dated 30.03.2026
- (c) Name of the Power line 33KV BESS Feeder No. 365 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Auxiliary Transfomer 02 at Village Jaymalsar, District-Bikaner, Rajasthan. (Length: 0.02 kms)
- (d) Length of Power line: 0.02 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: 15000 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 BESS Feeder No. 365 of M/s. Serentica Renewables India 5 Private Limited for 1RX3CX400 SQMM 33 KV Al Cable laid Underground from intermediate HT panel to Auxiliary Transformer 02 at Village Jaymalsar, District- Bikaner, Rajasthan. (Length: 0.02 kms)

### 1. BSNL Telecom Details:

AGM (CFA), O/o CGMT Raj., CO Jaipur vide letter: RJCO-18/16(13)/3/2020-CFA/19012 dated 13.02.2026 has given their NOC.

### 2. Railway Telecom Details:

Dy CSTE/Tele NWR/Jaipur vide letter SG/158/NWR/PTCC/1358 dated 23.03.2026 has issued their NOC.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of SRI5PL	94.05	50	0.859	9300	6120	483	310
33 kV BESS Blocks	77	25	0.93	4086	2677	179	102

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.