



सत्यमेव जयते



**भारत सरकार**  
**Government of India**  
**विद्युत मंत्रालय**  
**Ministry of Power**  
**केन्द्रीय विद्युत प्राधिकरण**  
**Central Electricity Authority**  
**विद्युत प्रणाली संचार विकास प्रभाग**  
**Power System Communication Development Division**  
 \*\*\*\*\*

On behalf of  
 Central Level Power & Telecommunication Co-ordination Committee

**No:** As assigned

**Date:** As assigned

**Subject:** Certificate of Approval for the Route of Power Line of SolarXL Beta Energy Private Limited.

**Route Approval Certificate** for the following listed lines of SolarXL Beta Energy Private Limited is annexed to this letter:

S.No.	Name
1	33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Harmonic filter-3 to 220/33 kV PSS. Length - 0.143 km
2	33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-7 to 220/33 kV PSS.Length-0.263 km
3	33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-1 to 220/33 kV PSS.Length-0.528 km
4	33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-9 to 220/33 kV PSS.Length-2.191 km
5	33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-2 to 220/33 kV PSS.Length-1.246 km
6	33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-5 to 220/33 kV PSS.Length-1.832 km
7	33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal,

	Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-8 to 220/33 kV PSS.Length-1.334 km
8	33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from SVG (30MVAR) to 220/33 kV PSS.Length-0.106 km
9	33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Harmonic filter-1 to 220/33 kV PSS.Length-0.131 km
10	33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Harmonic filter-2 to 220/33 kV PSS.Length-0.086 km
11	33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Aux. Transformer to 220/33 kV PSS.Length-0.084 km
12	33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Switchyard (LV-1) to 220/33 kV PSS.Length-0.039 km
13	33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Switchyard (LV-2) to 220/33 kV PSS.Length-0.041 km

Digitally signed by  
Suman Kumar Maharana  
Date: 27-03-2026  
12:29:23  
Chief Engineer

1.	SolarXL Beta Energy Private Limited	6th Floor, Vatika Business Park, Sohana Road, Gurgaon
----	---	---

**CEA Case No.: KNK-1213 - KNK-1213 A****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 Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Harmonic filter-3 to 220/33 kV PSS. Length - 0.143 km** 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 SolarXL Beta Energy Private Limited
- (b) Reference number & date: SXLBEPL/Solar/Gadag/FY-25-26/001  
Dated: 05.12.2025  
e-Mail Dated: 13.03.2025
- (c) Name of the Power line 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Harmonic filter-3 to 220/33 kV PSS. Length - 0.143 km
- (d) Length of Power line: 0.143 km
- (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:** 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Harmonic filter-3 to 220/33 kV PSS. Length - 0.143 km

### 1. BSNL Telecom Details:

DET PTCC, SR vide Letter No: SR-PTCC/KNK-1213/2 dated: 02.02.02026 has mentioned the non-existence of BSNL's Block&Telecom details within the 5 km boundary of proposed Transmission Line and hence BSNL's NOC is considered.

### 2. Railway Telecom Details:

South Western Railway vide Letter No: SG/SWR/PTCC/Corres/E:2-12 Dated: 12.03.2026 has issued their NOC for charging of Transmission Line.

### 3. Defense Telecom Details:

Defense vide Letter No: B/46937/Sigs-7(b)/5425 Dated: 12.02.2026 has issued their NOC for charging of Transmission Line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220 kV PSS at Village Dambal	95	50	0.06	568	343	N.A	N.A
33 kV Switchyard	15	25	0.36	299	193	4	N.A

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.: KNK-1213 - KNK-1213 B****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 Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-7 to 220/33 kV PSS.Length-0.263 km** 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 SolarXL Beta Energy Private Limited
- (b) Reference number & date: SXLBEPL/Solar/Gadag/FY-25-26/001  
Dated: 05.12.2025  
e-Mail Dated: 13.03.2025
- (c) Name of the Power line 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-7 to 220/33 kV PSS.Length-0.263 km
- (d) Length of Power line: 0.263 km
- (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:** 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-7 to 220/33 kV PSS.Length-0.263 km

### 1. BSNL Telecom Details:

DET PTCC, SR vide Letter No: SR-PTCC/KNK-1213/2 dated: 02.02.02026 has mentioned the non-existence of BSNL's Block&Telecom details within the 5 km boundary of proposed Transmission Line and hence BSNL's NOC is considered.

### 2. Railway Telecom Details:

South Western Railway vide Letter No: SG/SWR/PTCC/Corres/E:2-12 Dated: 12.03.2026 has issued their NOC for charging of Transmission Line.

### 3. Defense Telecom Details:

Defense vide Letter No: B/46937/Sigs-7(b)/5425 Dated: 12.02.2026 has issued their NOC for charging of Transmission Line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220 kV PSS at Village Dambal	95	50	0.06	568	343	N.A	N.A
33 kV Switchyard	15	25	0.36	299	193	4	N.A

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.: KNK-1213 - KNK-1213 C****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 Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-1 to 220/33 kV PSS.Length-0.528 km** 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 | SolarXL Beta Energy Private Limited   |
| (b) | Reference number & date:                            | SXLBEPL/Solar/Gadag/FY-25-26/001<br>Dated: 05.12.2025<br>e-Mail Dated: 13.03.2025   |
| (c) | Name of the Power line                              | 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-1 to 220/33 kV PSS.Length-0.528 km |
| (d) | Length of Power line:                               | 0.528 km  |
| (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:** 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-1 to 220/33 kV PSS.Length-0.528 km

### 1. BSNL Telecom Details:

DET PTCC, SR vide Letter No: SR-PTCC/KNK-1213/2 dated: 02.02.02026 has mentioned the non-existence of BSNL's Block&Telecom details within the 5 km boundary of proposed Transmission Line and hence BSNL's NOC is considered.

### 2. Railway Telecom Details:

South Western Railway vide Letter No: SG/SWR/PTCC/Corres/E:2-12 Dated: 12.03.2026 has issued their NOC for charging of Transmission Line.

### 3. Defense Telecom Details:

Defense vide Letter No: B/46937/Sigs-7(b)/5425 Dated: 12.02.2026 has issued their NOC for charging of Transmission Line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220 kV PSS at Village Dambal	95	50	0.06	568	343	N.A	N.A
33 kV Switchyard	15	25	0.36	299	193	4	N.A

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.: KNK-1213 - KNK-1213 D**

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 Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-9 to 220/33 kV PSS.Length-2.191 km** 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 SolarXL Beta Energy Private Limited
- (b) Reference number & date: SXLBEPL/Solar/Gadag/FY-25-26/001  
Dated: 05.12.2025  
e-Mail Dated: 13.03.2025
- (c) Name of the Power line 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-9 to 220/33 kV PSS.Length-2.191 km
- (d) Length of Power line: 2.191 km
- (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:** 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-9 to 220/33 kV PSS.Length-2.191 km

### 1. BSNL Telecom Details:

DET PTCC, SR vide Letter No: SR-PTCC/KNK-1213/2 dated: 02.02.2026 has mentioned the non-existence of BSNL's Block&Telecom details within the 5 km boundary of proposed Transmission Line and hence BSNL's NOC is considered.

### 2. Railway Telecom Details:

South Western Railway vide Letter No: SG/SWR/PTCC/Corres/E:2-12 Dated: 12.03.2026 has issued their NOC for charging of Transmission Line.

### 3. Defense Telecom Details:

Defense vide Letter No: B/46937/Sigs-7(b)/5425 Dated: 12.02.2026 has issued their NOC for charging of Transmission Line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220 kV PSS at Village Dambal	95	50	0.06	568	343	N.A	N.A
33 kV Switchyard	15	25	0.36	299	193	4	N.A

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.: KNK-1213 - KNK-1213 E****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 Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-2 to 220/33 kV PSS.Length-1.246 km** 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 SolarXL Beta Energy Private Limited
- (b) Reference number & date: SXLBEPL/Solar/Gadag/FY-25-26/001  
Dated: 05.12.2025  
e-Mail Dated: 13.03.2025
- (c) Name of the Power line 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-2 to 220/33 kV PSS.Length-1.246 km
- (d) Length of Power line: 1.246 km
- (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:** 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-2 to 220/33 kV PSS.Length-1.246 km

### 1. BSNL Telecom Details:

DET PTCC, SR vide Letter No: SR-PTCC/KNK-1213/2 dated: 02.02.02026 has mentioned the non-existence of BSNL's Block&Telecom details within the 5 km boundary of proposed Transmission Line and hence BSNL's NOC is considered.

### 2. Railway Telecom Details:

South Western Railway vide Letter No: SG/SWR/PTCC/Corres/E:2-12 Dated: 12.03.2026 has issued their NOC for charging of Transmission Line.

### 3. Defense Telecom Details:

Defense vide Letter No: B/46937/Sigs-7(b)/5425 Dated: 12.02.2026 has issued their NOC for charging of Transmission Line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220 kV PSS at Village Dambal	95	50	0.06	568	343	N.A	N.A
33 kV Switchyard	15	25	0.36	299	193	4	N.A

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.: KNK-1213 - KNK-1213 F****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 Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-5 to 220/33 kV PSS.Length-1.832 km** 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 SolarXL Beta Energy Private Limited
- (b) Reference number & date: SXLBEPL/Solar/Gadag/FY-25-26/001  
Dated: 05.12.2025  
e-Mail Dated: 13.03.2025
- (c) Name of the Power line 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-5 to 220/33 kV PSS.Length-1.832 km
- (d) Length of Power line: 1.832 km
- (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:** 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-5 to 220/33 kV PSS.Length-1.832 km

### 1. BSNL Telecom Details:

DET PTCC, SR vide Letter No: SR-PTCC/KNK-1213/2 dated: 02.02.2026 has mentioned the non-existence of BSNL's Block&Telecom details within the 5 km boundary of proposed Transmission Line and hence BSNL's NOC is considered.

### 2. Railway Telecom Details:

South Western Railway vide Letter No: SG/SWR/PTCC/Corres/E:2-12 Dated: 12.03.2026 has issued their NOC for charging of Transmission Line.

### 3. Defense Telecom Details:

Defense vide Letter No: B/46937/Sigs-7(b)/5425 Dated: 12.02.2026 has issued their NOC for charging of Transmission Line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220 kV PSS at Village Dambal	95	50	0.06	568	343	N.A	N.A
33 kV Switchyard	15	25	0.36	299	193	4	N.A

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.: KNK-1213 - KNK-1213 G****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 Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-8 to 220/33 kV PSS.Length-1.334 km** 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 SolarXL Beta Energy Private Limited
- (b) Reference number & date: SXLBEPL/Solar/Gadag/FY-25-26/001  
Dated: 05.12.2025  
e-Mail Dated: 13.03.2025
- (c) Name of the Power line 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-8 to 220/33 kV PSS.Length-1.334 km
- (d) Length of Power line: 1.334 km
- (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:** 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from ICR-8 to 220/33 kV PSS.Length-1.334 km

### 1. BSNL Telecom Details:

DET PTCC, SR vide Letter No: SR-PTCC/KNK-1213/2 dated: 02.02.02026 has mentioned the non-existence of BSNL's Block&Telecom details within the 5 km boundary of proposed Transmission Line and hence BSNL's NOC is considered.

### 2. Railway Telecom Details:

South Western Railway vide Letter No: SG/SWR/PTCC/Corres/E:2-12 Dated: 12.03.2026 has issued their NOC for charging of Transmission Line.

### 3. Defense Telecom Details:

Defense vide Letter No: B/46937/Sigs-7(b)/5425 Dated: 12.02.2026 has issued their NOC for charging of Transmission Line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220 kV PSS at Village Dambal	95	50	0.06	568	343	N.A	N.A
33 kV Switchyard	15	25	0.36	299	193	4	N.A

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.: KNK-1213 - KNK-1213 H**

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 Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from SVG (30MVAR) to 220/33 kV PSS.Length-0.106 km** 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 SolarXL Beta Energy Private Limited
- (b) Reference number & date: SXLBEPL/Solar/Gadag/FY-25-26/001  
Dated: 05.12.2025  
e-Mail Dated: 13.03.2025
- (c) Name of the Power line 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from SVG (30MVAR) to 220/33 kV PSS.Length-0.106 km
- (d) Length of Power line: 0.106 km
- (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:** 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from SVG (30MVAR) to 220/33 kV PSS.Length-0.106 km

### 1. BSNL Telecom Details:

DET PTCC, SR vide Letter No: SR-PTCC/KNK-1213/2 dated: 02.02.02026 has mentioned the non-existence of BSNL's Block&Telecom details within the 5 km boundary of proposed Transmission Line and hence BSNL's NOC is considered.

### 2. Railway Telecom Details:

South Western Railway vide Letter No: SG/SWR/PTCC/Corres/E:2-12 Dated: 12.03.2026 has issued their NOC for charging of Transmission Line.

### 3. Defense Telecom Details:

Defense vide Letter No: B/46937/Sigs-7(b)/5425 Dated: 12.02.2026 has issued their NOC for charging of Transmission Line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220 kV PSS at Village Dambal	95	50	0.06	568	343	N.A	N.A
33 kV Switchyard	15	25	0.36	299	193	4	N.A

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.: KNK-1213 - KNK-1213 I**

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 Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Harmonic filter-1 to 220/33 kV PSS.Length-0.131 km** 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 SolarXL Beta Energy Private Limited
- (b) Reference number & date: SXLBEPL/Solar/Gadag/FY-25-26/001  
Dated: 05.12.2025  
e-Mail Dated: 13.03.2025
- (c) Name of the Power line 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Harmonic filter-1 to 220/33 kV PSS.Length-0.131 km
- (d) Length of Power line: 0.131 km
- (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:** 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Harmonic filter-1 to 220/33 kV PSS.Length-0.131 km

### 1. BSNL Telecom Details:

DET PTCC, SR vide Letter No: SR-PTCC/KNK-1213/2 dated: 02.02.02026 has mentioned the non-existence of BSNL's Block&Telecom details within the 5 km boundary of proposed Transmission Line and hence BSNL's NOC is considered.

### 2. Railway Telecom Details:

South Western Railway vide Letter No: SG/SWR/PTCC/Corres/E:2-12 Dated: 12.03.2026 has issued their NOC for charging of Transmission Line.

### 3. Defense Telecom Details:

Defense vide Letter No: B/46937/Sigs-7(b)/5425 Dated: 12.02.2026 has issued their NOC for charging of Transmission Line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220 kV PSS at Village Dambal	95	50	0.06	568	343	N.A	N.A
33 kV Switchyard	15	25	0.36	299	193	4	N.A

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.: KNK-1213 - KNK-1213 J**

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 Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Harmonic filter-2 to 220/33 kV PSS.Length-0.086 km** 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 SolarXL Beta Energy Private Limited
- (b) Reference number & date: SXLBEPL/Solar/Gadag/FY-25-26/001  
Dated: 05.12.2025  
e-Mail Dated: 13.03.2025
- (c) Name of the Power line 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Harmonic filter-2 to 220/33 kV PSS.Length-0.086 km
- (d) Length of Power line: 0.086 km
- (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: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XX

## Annexure XX

**Name of the Power Line:** 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Harmonic filter-2 to 220/33 kV PSS.Length-0.086 km

### 1. BSNL Telecom Details:

DET PTCC, SR vide Letter No: SR-PTCC/KNK-1213/2 dated: 02.02.02026 has mentioned the non-existence of BSNL's Block&Telecom details within the 5 km boundary of proposed Transmission Line and hence BSNL's NOC is considered.

### 2. Railway Telecom Details:

South Western Railway vide Letter No: SG/SWR/PTCC/Corres/E:2-12 Dated: 12.03.2026 has issued their NOC for charging of Transmission Line.

### 3. Defense Telecom Details:

Defense vide Letter No: B/46937/Sigs-7(b)/5425 Dated: 12.02.2026 has issued their NOC for charging of Transmission Line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220 kV PSS at Village Dambal	95	50	0.06	568	343	N.A	N.A
33 kV Switchyard	15	25	0.36	299	193	4	N.A

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.: KNK-1213 - KNK-1213 K****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 Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Aux. Transformer to 220/33 kV PSS.Length-0.084 km** 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 SolarXL Beta Energy Private Limited
- (b) Reference number & date: SXLBEPL/Solar/Gadag/FY-25-26/001  
Dated: 05.12.2025  
e-Mail Dated: 13.03.2025
- (c) Name of the Power line 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Aux. Transformer to 220/33 kV PSS.Length-0.084 km
- (d) Length of Power line: 0.084 km
- (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: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXII

## Annexure XXII

**Name of the Power Line:** 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Aux. Transformer to 220/33 kV PSS.Length-0.084 km

### 1. BSNL Telecom Details:

DET PTCC, SR vide Letter No: SR-PTCC/KNK-1213/2 dated: 02.02.02026 has mentioned the non-existence of BSNL's Block&Telecom details within the 5 km boundary of proposed Transmission Line and hence BSNL's NOC is considered.

### 2. Railway Telecom Details:

South Western Railway vide Letter No: SG/SWR/PTCC/Corres/E:2-12 Dated: 12.03.2026 has issued their NOC for charging of Transmission Line.

### 3. Defense Telecom Details:

Defense vide Letter No: B/46937/Sigs-7(b)/5425 Dated: 12.02.2026 has issued their NOC for charging of Transmission Line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220 kV PSS at Village Dambal	95	50	0.06	568	343	N.A	N.A
33 kV Switchyard	15	25	0.36	299	193	4	N.A

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.: KNK-1213 - KNK-1213 L****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 Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Switchyard (LV-1) to 220/33 kV PSS.Length-0.039 km** 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 SolarXL Beta Energy Private Limited
- (b) Reference number & date: SXLBEPL/Solar/Gadag/FY-25-26/001  
Dated: 05.12.2025  
e-Mail Dated: 13.03.2025
- (c) Name of the Power line 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Switchyard (LV-1) to 220/33 kV PSS.Length-0.039 km
- (d) Length of Power line: 0.039 km
- (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: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXIV

## Annexure XXIV

**Name of the Power Line:** 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Switchyard (LV-1) to 220/33 kV PSS.Length-0.039 km

### 1. BSNL Telecom Details:

DET PTCC, SR vide Letter No: SR-PTCC/KNK-1213/2 dated: 02.02.02026 has mentioned the non-existence of BSNL's Block&Telecom details within the 5 km boundary of proposed Transmission Line and hence BSNL's NOC is considered.

### 2. Railway Telecom Details:

South Western Railway vide Letter No: SG/SWR/PTCC/Corres/E:2-12 Dated: 12.03.2026 has issued their NOC for charging of Transmission Line.

### 3. Defense Telecom Details:

Defense vide Letter No: B/46937/Sigs-7(b)/5425 Dated: 12.02.2026 has issued their NOC for charging of Transmission Line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220 kV PSS at Village Dambal	95	50	0.06	568	343	N.A	N.A
33 kV Switchyard	15	25	0.36	299	193	4	N.A

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.: KNK-1213 - KNK-1213 M****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 Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Switchyard (LV-2) to 220/33 kV PSS.Length-0.041 km** 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 SolarXL Beta Energy Private Limited
- (b) Reference number & date: SXLBEPL/Solar/Gadag/FY-25-26/001  
Dated: 05.12.2025  
e-Mail Dated: 13.03.2025
- (c) Name of the Power line 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Switchyard (LV-2) to 220/33 kV PSS.Length-0.041 km
- (d) Length of Power line: 0.041 km
- (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: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXVI

## Annexure XXVI

**Name of the Power Line:** 33 kV Underground cable Line for 207 MW hybrid Power Project developing by M/s SOLARXL BETA ENERGY PRIVATE LIMITED, at Village-Dambal, Taluka-Mundargi, Distt- Gadag, Karnataka from Switchyard (LV-2) to 220/33 kV PSS.Length-0.041 km

### 1. BSNL Telecom Details:

DET PTCC, SR vide Letter No: SR-PTCC/KNK-1213/2 dated: 02.02.02026 has mentioned the non-existence of BSNL's Block&Telecom details within the 5 km boundary of proposed Transmission Line and hence BSNL's NOC is considered.

### 2. Railway Telecom Details:

South Western Railway vide Letter No: SG/SWR/PTCC/Corres/E:2-12 Dated: 12.03.2026 has issued their NOC for charging of Transmission Line.

### 3. Defense Telecom Details:

Defense vide Letter No: B/46937/Sigs-7(b)/5425 Dated: 12.02.2026 has issued their NOC for charging of Transmission Line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220 kV PSS at Village Dambal	95	50	0.06	568	343	N.A	N.A
33 kV Switchyard	15	25	0.36	299	193	4	N.A

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.