सत्यमेव जयते

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

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

No: As assigned **Date:** As assigned

Subject: Certificate of Approval for the Route of Power Line of M/s Zorya Solar Energy Private Limited.

Route Approval Certificate for the following listed lines of M/s Zorya Solar Energy Private Limited is annexed to this letter:

S.No.	Name
1	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F3 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-01, ICR-02, ICR-03 and ICR-04 (Length: 3.839 kms)
2	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F4 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-05, ICR-06, ICR-07 and ICR-08 (Length: 4.413 kms)
3	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F5 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-09, ICR-10, ICR-11 and ICR-12 (Length: 7.387 kms)
4	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F6 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-13, ICR-14, ICR-15 and ICR-16 (Length: 5.397 kms)
5	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F7 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-17 and ICR-18 (Length: 1.747 kms)
6	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F12 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-19, ICR-20, ICR-21 and ICR-22 (Length: 2.133 kms)

7	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F13 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-23, ICR-24, ICR-25 and ICR-26 (Length: 5.163 kms)
8	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F14 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-27, ICR-28, ICR-29 and ICR-30 (Length: 7.061 kms)
9	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F15 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-31, ICR-32, ICR-33 and ICR-34 (Length: 7.532 kms)
10	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F16 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-35 and ICR-36 (Length: 3.253 kms)

Digitally signed by
Suman Kumar Maharana Chief Engineer
Date: 16-04-2026
17:08:30

1.	M/s Zorya Solar Energy Private Limited	ReNew Hub, Commercial Block-1, Zone-6, Golf Course Road, DLF City Phase-V, Gurugram - 122 009

CEA Case No.: RAJ-970 - SW4-F3

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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F3 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-01, ICR-02, ICR-03 and ICR-04 (Length: 3.839 kms)** particulars of which are given in Annexure I.

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

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

Annexure I

1		
(a)	Name of the Power Supply authority seeking approval	M/s Zorya Solar Energy Private Limited
(b)	Reference number & date:	ZSEPL/CEA/PTCC/01 dated 15.12.2025 E-mail dated 09.04.2026
(c)	Name of the Power line	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F3 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-01, ICR-02, ICR-03 and ICR-04 (Length: 3.839 kms)
(d)	Length of Power line:	3.839 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:	5000 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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F3 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-01, ICR-02, ICR-03 and ICR-04 (Length: 3.839 kms)

1. **BSNL Telecom Details:**
   AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 29.01.2026 has stated non-existence of any BSNL UG metallic and Armoured OFC cable within the periphery of the proposed transmission line. Thus, BSNL letter is taken as deemed NOC.

2. **Railway Telecom Details:**
   Deputy CSTE (Telecom), North Western Railway vide letter SG/158/NWR/PTCC/1305 dated 30.01.2026 has gfiven their NOC for charging of the line.

3. **Defense Telecom Details:**
   ADG (Telecommunication), Ministry of Defense vide letter B/46937/Sigs-7(b)/5484 dated 09.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur	66.46	37.8	0.209	1155	741	9	N.A
ICR	11.3	26.3	0.916	622	408	28	16

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-970 - SW4-F4

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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F4 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-05, ICR-06, ICR-07 and ICR-08 (Length: 4.413 kms)** particulars of which are given in Annexure III.

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

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

Annexure III

1		
(a)	Name of the Power Supply authority seeking approval	M/s Zorya Solar Energy Private Limited
(b)	Reference number & date:	ZSEPL/CEA/PTCC/01 dated 15.12.2025 E-mail dated 09.04.2026
(c)	Name of the Power line	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F4 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-05, ICR-06, ICR-07 and ICR-08 (Length: 4.413 kms)
(d)	Length of Power line:	4.413 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:	5000 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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F4 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-05, ICR-06, ICR-07 and ICR-08 (Length: 4.413 kms)

1. **BSNL Telecom Details:**
   AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 29.01.2026 has stated non-existence of any BSNL UG metallic and Armoured OFC cable within the periphery of the proposed transmission line. Thus, BSNL letter is taken as deemed NOC.

2. **Railway Telecom Details:**
   Deputy CSTE (Telecom), North Western Railway vide letter SG/158/NWR/PTCC/1305 dated 30.01.2026 has gfiven their NOC for charging of the line.

3. **Defense Telecom Details:**
   ADG (Telecommunication), Ministry of Defense vide letter B/46937/Sigs-7(b)/5484 dated 09.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur	66.46	37.8	0.209	1155	741	9	N.A
ICR	11.3	26.3	0.916	622	408	28	16

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-970 - SW4-F5

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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F5 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-09, ICR-10, ICR-11 and ICR-12 (Length: 7.387 kms)** particulars of which are given in Annexure V.

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

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

Annexure V

1		
(a)	Name of the Power Supply authority seeking approval	M/s Zorya Solar Energy Private Limited
(b)	Reference number & date:	ZSEPL/CEA/PTCC/01 dated 15.12.2025 E-mail dated 09.04.2026
(c)	Name of the Power line	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F5 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-09, ICR-10, ICR-11 and ICR-12 (Length: 7.387 kms)
(d)	Length of Power line:	7.387 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:	5000 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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F5 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-09, ICR-10, ICR-11 and ICR-12 (Length: 7.387 kms)

1. **BSNL Telecom Details:**
   AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 29.01.2026 has stated non-existence of any BSNL UG metallic and Armoured OFC cable within the periphery of the proposed transmission line. Thus, BSNL letter is taken as deemed NOC.

2. **Railway Telecom Details:**
   Deputy CSTE (Telecom), North Western Railway vide letter SG/158/NWR/PTCC/1305 dated 30.01.2026 has gfiven their NOC for charging of the line.

3. **Defense Telecom Details:**
   ADG (Telecommunication), Ministry of Defense vide letter B/46937/Sigs-7(b)/5484 dated 09.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur	66.46	37.8	0.209	1155	741	9	N.A
ICR	11.3	26.3	0.916	622	408	28	16

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-970 - SW4-F6

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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F6 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-13, ICR-14, ICR-15 and ICR-16 (Length: 5.397 kms)** particulars of which are given in Annexure VII.

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

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

Annexure VII

1		
(a)	Name of the Power Supply authority seeking approval	M/s Zorya Solar Energy Private Limited
(b)	Reference number & date:	ZSEPL/CEA/PTCC/01 dated 15.12.2025 E-mail dated 09.04.2026
(c)	Name of the Power line	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F6 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-13, ICR-14, ICR-15 and ICR-16 (Length: 5.397 kms)
(d)	Length of Power line:	5.397 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:	5000 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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F6 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-13, ICR-14, ICR-15 and ICR-16 (Length: 5.397 kms)

1. **BSNL Telecom Details:**
   AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 29.01.2026 has stated non-existence of any BSNL UG metallic and Armoured OFC cable within the periphery of the proposed transmission line. Thus, BSNL letter is taken as deemed NOC.

2. **Railway Telecom Details:**
   Deputy CSTE (Telecom), North Western Railway vide letter SG/158/NWR/PTCC/1305 dated 30.01.2026 has gfiven their NOC for charging of the line.

3. **Defense Telecom Details:**
   ADG (Telecommunication), Ministry of Defense vide letter B/46937/Sigs-7(b)/5484 dated 09.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur	66.46	37.8	0.209	1155	741	9	N.A
ICR	11.3	26.3	0.916	622	408	28	16

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-970 - SW4-F7

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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F7 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-17 and ICR-18 (Length: 1.747 kms)** particulars of which are given in Annexure IX.

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

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

Annexure IX

1		
(a)	Name of the Power Supply authority seeking approval	M/s Zorya Solar Energy Private Limited
(b)	Reference number & date:	ZSEPL/CEA/PTCC/01 dated 15.12.2025 E-mail dated 09.04.2026
(c)	Name of the Power line	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F7 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-17 and ICR-18 (Length: 1.747 kms)
(d)	Length of Power line:	1.747 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:	5000 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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW4-F7 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-17 and ICR-18 (Length: 1.747 kms)

1. **BSNL Telecom Details:**
   AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 29.01.2026 has stated non-existence of any BSNL UG metallic and Armoured OFC cable within the periphery of the proposed transmission line. Thus, BSNL letter is taken as deemed NOC.

2. **Railway Telecom Details:**
   Deputy CSTE (Telecom), North Western Railway vide letter SG/158/NWR/PTCC/1305 dated 30.01.2026 has gfiven their NOC for charging of the line.

3. **Defense Telecom Details:**
   ADG (Telecommunication), Ministry of Defense vide letter B/46937/Sigs-7(b)/5484 dated 09.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur	66.46	37.8	0.209	1155	741	9	N.A
ICR	11.3	26.3	0.916	622	408	28	16

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-970 - SW3-F12

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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F12 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-19, ICR-20, ICR-21 and ICR-22 (Length: 2.133 kms)** particulars of which are given in Annexure XI.

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

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

Annexure XI

1		
(a)	Name of the Power Supply authority seeking approval	M/s Zorya Solar Energy Private Limited
(b)	Reference number & date:	ZSEPL/CEA/PTCC/01 dated 15.12.2025 E-mail dated 09.04.2026
(c)	Name of the Power line	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F12 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-19, ICR-20, ICR-21 and ICR-22 (Length: 2.133 kms)
(d)	Length of Power line:	2.133 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:	5000 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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F12 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-19, ICR-20, ICR-21 and ICR-22 (Length: 2.133 kms)

1. **BSNL Telecom Details:**
   AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 29.01.2026 has stated non-existence of any BSNL UG metallic and Armoured OFC cable within the periphery of the proposed transmission line. Thus, BSNL letter is taken as deemed NOC.

2. **Railway Telecom Details:**
   Deputy CSTE (Telecom), North Western Railway vide letter SG/158/NWR/PTCC/1305 dated 30.01.2026 has gfiven their NOC for charging of the line.

3. **Defense Telecom Details:**
   ADG (Telecommunication), Ministry of Defense vide letter B/46937/Sigs-7(b)/5484 dated 09.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur	66.46	37.8	0.209	1155	741	9	N.A
ICR	11.3	26.3	0.916	622	408	28	16

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-970 - SW3-F13

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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F13 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-23, ICR-24, ICR-25 and ICR-26 (Length: 5.163 kms)** particulars of which are given in Annexure XIII.

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

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

Annexure XIII

1		
(a)	Name of the Power Supply authority seeking approval	M/s Zorya Solar Energy Private Limited
(b)	Reference number & date:	ZSEPL/CEA/PTCC/01 dated 15.12.2025 E-mail dated 09.04.2026
(c)	Name of the Power line	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F13 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-23, ICR-24, ICR-25 and ICR-26 (Length: 5.163 kms)
(d)	Length of Power line:	5.163 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:	5000 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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F13 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-23, ICR-24, ICR-25 and ICR-26 (Length: 5.163 kms)

1. **BSNL Telecom Details:**
   AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 29.01.2026 has stated non-existence of any BSNL UG metallic and Armoured OFC cable within the periphery of the proposed transmission line. Thus, BSNL letter is taken as deemed NOC.

2. **Railway Telecom Details:**
   Deputy CSTE (Telecom), North Western Railway vide letter SG/158/NWR/PTCC/1305 dated 30.01.2026 has gfiven their NOC for charging of the line.

3. **Defense Telecom Details:**
   ADG (Telecommunication), Ministry of Defense vide letter B/46937/Sigs-7(b)/5484 dated 09.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur	66.46	37.8	0.209	1155	741	9	N.A
ICR	11.3	26.3	0.916	622	408	28	16

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-970 - SW3-F14

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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F14 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-27, ICR-28, ICR-29 and ICR-30 (Length: 7.061 kms)** particulars of which are given in Annexure XV.

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

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

Annexure XV

1		
(a)	Name of the Power Supply authority seeking approval	M/s Zorya Solar Energy Private Limited
(b)	Reference number & date:	ZSEPL/CEA/PTCC/01 dated 15.12.2025 E-mail dated 09.04.2026
(c)	Name of the Power line	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F14 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-27, ICR-28, ICR-29 and ICR-30 (Length: 7.061 kms)
(d)	Length of Power line:	7.061 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:	5000 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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F14 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-27, ICR-28, ICR-29 and ICR-30 (Length: 7.061 kms)

1. **BSNL Telecom Details:**
   AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 29.01.2026 has stated non-existence of any BSNL UG metallic and Armoured OFC cable within the periphery of the proposed transmission line. Thus, BSNL letter is taken as deemed NOC.

2. **Railway Telecom Details:**
   Deputy CSTE (Telecom), North Western Railway vide letter SG/158/NWR/PTCC/1305 dated 30.01.2026 has gfiven their NOC for charging of the line.

3. **Defense Telecom Details:**
   ADG (Telecommunication), Ministry of Defense vide letter B/46937/Sigs-7(b)/5484 dated 09.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur	66.46	37.8	0.209	1155	741	9	N.A
ICR	11.3	26.3	0.916	622	408	28	16

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-970 - SW3-F15

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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F15 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-31, ICR-32, ICR-33 and ICR-34 (Length: 7.532 kms)** particulars of which are given in Annexure XVII.

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

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

Annexure XVII

1		
(a)	Name of the Power Supply authority seeking approval	M/s Zorya Solar Energy Private Limited
(b)	Reference number & date:	ZSEPL/CEA/PTCC/01 dated 15.12.2025 E-mail dated 09.04.2026
(c)	Name of the Power line	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F15 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-31, ICR-32, ICR-33 and ICR-34 (Length: 7.532 kms)
(d)	Length of Power line:	7.532 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:	5000 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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F15 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-31, ICR-32, ICR-33 and ICR-34 (Length: 7.532 kms)

1. **BSNL Telecom Details:**
   AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 29.01.2026 has stated non-existence of any BSNL UG metallic and Armoured OFC cable within the periphery of the proposed transmission line. Thus, BSNL letter is taken as deemed NOC.

2. **Railway Telecom Details:**
   Deputy CSTE (Telecom), North Western Railway vide letter SG/158/NWR/PTCC/1305 dated 30.01.2026 has gfiven their NOC for charging of the line.

3. **Defense Telecom Details:**
   ADG (Telecommunication), Ministry of Defense vide letter B/46937/Sigs-7(b)/5484 dated 09.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur	66.46	37.8	0.209	1155	741	9	N.A
ICR	11.3	26.3	0.916	622	408	28	16

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-970 - SW3-F16

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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F16 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-35 and ICR-36 (Length: 3.253 kms)** particulars of which are given in Annexure XIX.

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

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

Annexure XIX

1		
(a)	Name of the Power Supply authority seeking approval	M/s Zorya Solar Energy Private Limited
(b)	Reference number & date:	ZSEPL/CEA/PTCC/01 dated 15.12.2025 E-mail dated 09.04.2026
(c)	Name of the Power line	33 kV UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F16 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-35 and ICR-36 (Length: 3.253 kms)
(d)	Length of Power line:	3.253 kms
(e)	Operating Voltage	33 kV
(f)	Number of circuits	1
2		
(a)	Names of parallel telecom lines:	As per Annexure-XX
(b)	Length of parallelism:	As per Annexure-XX
3	Average value of earth resistivity in the region:	5000 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 UG cable (3C X 400Sqmm & 3Cx185 sqmm) form Feeder SW3-F16 from 400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur, Rajasthan to Solar Blocks comprising ICR-35 and ICR-36 (Length: 3.253 kms)

1. **BSNL Telecom Details:**
   AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 29.01.2026 has stated non-existence of any BSNL UG metallic and Armoured OFC cable within the periphery of the proposed transmission line. Thus, BSNL letter is taken as deemed NOC.

2. **Railway Telecom Details:**
   Deputy CSTE (Telecom), North Western Railway vide letter SG/158/NWR/PTCC/1305 dated 30.01.2026 has gfiven their NOC for charging of the line.

3. **Defense Telecom Details:**
   ADG (Telecommunication), Ministry of Defense vide letter B/46937/Sigs-7(b)/5484 dated 09.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
400/33 kV PSS of M/s Zorya Solar Energy Private Limited in Jodhpur	66.46	37.8	0.209	1155	741	9	N.A
ICR	11.3	26.3	0.916	622	408	28	16

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.