



सत्यमेव जयते



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

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

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

**Subject:** Provisional Certificate of Approval for the Route of Power Line of M/s HRP Green Power Private Limited.

**Provisional Route Approval Certificate** for the following listed lines of M/s HRP Green Power Private Limited is annexed to this letter:

S.No.	Name
1	33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable (Length: 6.812 km) from sub-pooling station (ICR Block no. 1 & 2) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Bhadla, Rajasthan.
2	33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable (Length: 6.440 km) from sub-pooling station (ICR Block no. 3 to 4 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at , Rajasthan.
3	33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable (Length: 3.757 km)/ 6Rx1Cx630 Sq.mm size (Length: 1.350 km) cable from sub-pooling station (ICR Block no. 5 & 6 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Total Length: 5.107 kms)
4	33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 7 & 8 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Length: 2.416 km)
5	33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 9 & 10 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Length: 1.002 km)
6	33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable cable from sub-pooling station (ICR Block no. 11 & 12 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited a Rajasthan. (Length: 2.428 km)

7	33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 13 & 14 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Bhadla, Rajasthan. (Length: 7.869 km)
8	33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable (Length: 7.339 km)/ 6Rx1Cx630 Sq.mm size (Length: 0.918 km) from sub-pooling station (ICR Block no. 15 & 16 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Total Length: 8.257 kms)
9	33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 17 & 18 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Length: 6.745 km)
10	33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 19 to 20 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Length: 4.164 km)
11	33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (Aux. Trafo & Harmonic filter - 1) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Bhadla, Rajasthan. (Length: 0.230 km)
12	33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (Aux. Trafo & Harmonic filter - 2) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Bhadla, Rajasthan. (Length: 0.205 km)

Chief Engineer

To,

1.	M/s HRP Green Power Private Limited	2A, Lord Sinha Road, First Floor, Middleton Row, Kolkata – 700 071
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**CEA Case No.: RAJ-971 - 1**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable (Length: 6.812 km) from sub-pooling station (ICR Block no. 1 & 2) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Bhadla, Rajasthan.** 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 HRP Green Power Private Limited
- (b) Reference number & date: SKP/Project/024 dated 26.12.2025  
E-mail dated 02.03.2026  
E-mail dated 11.03.2026
- (c) Name of the Power line 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable (Length: 6.812 km) from sub-pooling station (ICR Block no. 1 & 2) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Bhadla, Rajasthan.
- (d) Length of Power line: 6.812 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: 10000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-II

## Annexure II

**Name of the Power Line:** 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable (Length: 6.812 km) from sub-pooling station (ICR Block no. 1 & 2) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Bhadla, Rajasthan.

### 1. BSNL Telecom Details:

AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 03.02.2026 has stated non-existence of any BSNL UG or O/H metallic and armoured OFC cable within the periphery of proposed route. Thus, BSNL letter is taken as deemed NOC.

### 2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1319 dated 04.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of M/s HRP Green Power Private Limited at Bhadla	90.43	35	0.179	1227	781	N.A	N.A
ICR	11.3	6.01	0.007	N.A	N.A	N.A	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.: RAJ-971 - 2**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable (Length: 6.440 km) from sub-pooling station (ICR Block no. 3 to 4 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at , Rajasthan.** 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 HRP Green Power Private Limited
- (b) Reference number & date: SKP/Project/024 dated 26.12.2025  
E-mail dated 02.03.2026  
E-mail dated 11.03.2026
- (c) Name of the Power line 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable (Length: 6.440 km) from sub-pooling station (ICR Block no. 3 to 4 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at , Rajasthan.
- (d) Length of Power line: 6.440 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: 10000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-IV

## Annexure IV

**Name of the Power Line:** 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable (Length: 6.440 km) from sub-pooling station (ICR Block no. 3 to 4 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at , Rajasthan.

### 1. BSNL Telecom Details:

AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 03.02.2026 has stated non-existence of any BSNL UG or O/H metallic and armoured OFC cable within the periphery of proposed route. Thus, BSNL letter is taken as deemed NOC.

### 2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1319 dated 04.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of M/s HRP Green Power Private Limited at Bhadla	90.43	35	0.179	1227	781	N.A	N.A
ICR	11.3	6.01	0.007	N.A	N.A	N.A	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.: RAJ-971 - 3**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable (Length: 3.757 km)/ 6Rx1Cx630 Sq.mm size (Length: 1.350 km) cable from sub-pooling station (ICR Block no. 5 & 6 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Total Length: 5.107 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 HRP Green Power Private Limited
- (b) Reference number & date: SKP/Project/024 dated 26.12.2025  
E-mail dated 02.03.2026  
E-mail dated 11.03.2026
- (c) Name of the Power line 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable (Length: 3.757 km)/ 6Rx1Cx630 Sq.mm size (Length: 1.350 km) cable from sub-pooling station (ICR Block no. 5 & 6 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Total Length: 5.107 kms)
- (d) Length of Power line: 5.107 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: 10000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-VI

## Annexure VI

**Name of the Power Line:** 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable (Length: 3.757 km)/ 6Rx1Cx630 Sq.mm size (Length: 1.350 km) cable from sub-pooling station (ICR Block no. 5 & 6 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Total Length: 5.107 kms)

### 1. BSNL Telecom Details:

AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 03.02.2026 has stated non-existence of any BSNL UG or O/H metallic and armoured OFC cable within the periphery of proposed route. Thus, BSNL letter is taken as deemed NOC.

### 2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1319 dated 04.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of M/s HRP Green Power Private Limited at Bhadla	90.43	35	0.179	1227	781	N.A	N.A
ICR	11.3	6.01	0.007	N.A	N.A	N.A	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.: RAJ-971 - 4**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 7 & 8 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Length: 2.416 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 M/s HRP Green Power Private Limited
- (b) Reference number & date: SKP/Project/024 dated 26.12.2025  
E-mail dated 02.03.2026  
E-mail dated 11.03.2026
- (c) Name of the Power line 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 7 & 8 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Length: 2.416 km)
- (d) Length of Power line: 2.416 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: 10000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-VIII

### Annexure VIII

**Name of the Power Line:** 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 7 & 8 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Length: 2.416 km)

#### 1. BSNL Telecom Details:

AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 03.02.2026 has stated non-existence of any BSNL UG or O/H metallic and armoured OFC cable within the periphery of proposed route. Thus, BSNL letter is taken as deemed NOC.

#### 2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1319 dated 04.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of M/s HRP Green Power Private Limited at Bhadla	90.43	35	0.179	1227	781	N.A	N.A
ICR	11.3	6.01	0.007	N.A	N.A	N.A	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.: RAJ-971 - 5**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 9 & 10 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Length: 1.002 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 M/s HRP Green Power Private Limited
- (b) Reference number & date: SKP/Project/024 dated 26.12.2025  
E-mail dated 02.03.2026  
E-mail dated 11.03.2026
- (c) Name of the Power line 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 9 & 10 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Length: 1.002 km)
- (d) Length of Power line: 1.002 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: 10000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-X

## Annexure X

**Name of the Power Line:** 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 9 & 10 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Length: 1.002 km)

### 1. BSNL Telecom Details:

AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 03.02.2026 has stated non-existence of any BSNL UG or O/H metallic and armoured OFC cable within the periphery of proposed route. Thus, BSNL letter is taken as deemed NOC.

### 2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1319 dated 04.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of M/s HRP Green Power Private Limited at Bhadla	90.43	35	0.179	1227	781	N.A	N.A
ICR	11.3	6.01	0.007	N.A	N.A	N.A	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.: RAJ-971 - 6**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable cable from sub-pooling station (ICR Block no. 11 & 12 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited a Rajasthan. (Length: 2.428 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 M/s HRP Green Power Private Limited
- (b) Reference number & date: SKP/Project/024 dated 26.12.2025  
E-mail dated 02.03.2026  
E-mail dated 11.03.2026
- (c) Name of the Power line 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable cable from sub-pooling station (ICR Block no. 11 & 12 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited a Rajasthan. (Length: 2.428 km)
- (d) Length of Power line: 2.428 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: 10000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XII

## Annexure XII

**Name of the Power Line:** 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable cable from sub-pooling station (ICR Block no. 11 & 12 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited a Rajasthan. (Length: 2.428 km)

### 1. BSNL Telecom Details:

AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 03.02.2026 has stated non-existence of any BSNL UG or O/H metallic and armoured OFC cable within the periphery of proposed route. Thus, BSNL letter is taken as deemed NOC.

### 2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1319 dated 04.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of M/s HRP Green Power Private Limited at Bhadla	90.43	35	0.179	1227	781	N.A	N.A
ICR	11.3	6.01	0.007	N.A	N.A	N.A	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.: RAJ-971 - 7**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 13 & 14 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Bhadla, Rajasthan. (Length: 7.869 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 M/s HRP Green Power Private Limited
- (b) Reference number & date: SKP/Project/024 dated 26.12.2025  
E-mail dated 02.03.2026  
E-mail dated 11.03.2026
- (c) Name of the Power line 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 13 & 14 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Bhadla, Rajasthan. (Length: 7.869 km)
- (d) Length of Power line: 7.869 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: 10000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XIV

## Annexure XIV

**Name of the Power Line:** 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 13 & 14 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Bhadla, Rajasthan. (Length: 7.869 km)

### 1. BSNL Telecom Details:

AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 03.02.2026 has stated non-existence of any BSNL UG or O/H metallic and armoured OFC cable within the periphery of proposed route. Thus, BSNL letter is taken as deemed NOC.

### 2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1319 dated 04.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of M/s HRP Green Power Private Limited at Bhadla	90.43	35	0.179	1227	781	N.A	N.A
ICR	11.3	6.01	0.007	N.A	N.A	N.A	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.: RAJ-971 - 8**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable (Length: 7.339 km)/ 6Rx1Cx630 Sq.mm size (Length: 0.918 km) from sub-pooling station (ICR Block no. 15 & 16 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Total Length: 8.257 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 HRP Green Power Private Limited
- (b) Reference number & date: SKP/Project/024 dated 26.12.2025  
E-mail dated 02.03.2026  
E-mail dated 11.03.2026
- (c) Name of the Power line 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable (Length: 7.339 km)/ 6Rx1Cx630 Sq.mm size (Length: 0.918 km) from sub-pooling station (ICR Block no. 15 & 16 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Total Length: 8.257 kms)
- (d) Length of Power line: 8.257 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: 10000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XVI

## Annexure XVI

**Name of the Power Line:** 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable (Length: 7.339 km)/ 6Rx1Cx630 Sq.mm size (Length: 0.918 km) from sub-pooling station (ICR Block no. 15 & 16 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Total Length: 8.257 kms)

### 1. BSNL Telecom Details:

AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 03.02.2026 has stated non-existence of any BSNL UG or O/H metallic and armoured OFC cable within the periphery of proposed route. Thus, BSNL letter is taken as deemed NOC.

### 2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1319 dated 04.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of M/s HRP Green Power Private Limited at Bhadla	90.43	35	0.179	1227	781	N.A	N.A
ICR	11.3	6.01	0.007	N.A	N.A	N.A	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.: RAJ-971 - 9**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 17 & 18 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Length: 6.745 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 M/s HRP Green Power Private Limited
- (b) Reference number & date: SKP/Project/024 dated 26.12.2025  
E-mail dated 02.03.2026  
E-mail dated 11.03.2026
- (c) Name of the Power line 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 17 & 18 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Length: 6.745 km)
- (d) Length of Power line: 6.745 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: 10000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XVIII

### Annexure XVIII

**Name of the Power Line:** 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 17 & 18 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Length: 6.745 km)

#### 1. BSNL Telecom Details:

AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 03.02.2026 has stated non-existence of any BSNL UG or O/H metallic and armoured OFC cable within the periphery of proposed route. Thus, BSNL letter is taken as deemed NOC.

#### 2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1319 dated 04.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of M/s HRP Green Power Private Limited at Bhadla	90.43	35	0.179	1227	781	N.A	N.A
ICR	11.3	6.01	0.007	N.A	N.A	N.A	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.: RAJ-971 - 10**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 19 to 20 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Length: 4.164 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 M/s HRP Green Power Private Limited
- (b) Reference number & date: SKP/Project/024 dated 26.12.2025  
E-mail dated 02.03.2026  
E-mail dated 11.03.2026
- (c) Name of the Power line 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 19 to 20 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Length: 4.164 km)
- (d) Length of Power line: 4.164 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: 10000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XX

## Annexure XX

**Name of the Power Line:** 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (ICR Block no. 19 to 20 Nos) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Rajasthan. (Length: 4.164 km)

### 1. BSNL Telecom Details:

AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 03.02.2026 has stated non-existence of any BSNL UG or O/H metallic and armoured OFC cable within the periphery of proposed route. Thus, BSNL letter is taken as deemed NOC.

### 2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1319 dated 04.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of M/s HRP Green Power Private Limited at Bhadla	90.43	35	0.179	1227	781	N.A	N.A
ICR	11.3	6.01	0.007	N.A	N.A	N.A	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.: RAJ-971 - 11**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (Aux. Trafo & Harmonic filter - 1) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Bhadla, Rajasthan. (Length: 0.230 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 M/s HRP Green Power Private Limited
- (b) Reference number & date: SKP/Project/024 dated 26.12.2025  
E-mail dated 02.03.2026  
E-mail dated 11.03.2026
- (c) Name of the Power line 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (Aux. Trafo & Harmonic filter - 1) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Bhadla, Rajasthan. (Length: 0.230 km)
- (d) Length of Power line: 0.230 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: 10000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXII

## Annexure XXII

**Name of the Power Line:** 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (Aux. Trafo & Harmonic filter - 1) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Bhadla, Rajasthan. (Length: 0.230 km)

### 1. BSNL Telecom Details:

AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 03.02.2026 has stated non-existence of any BSNL UG or O/H metallic and armoured OFC cable within the periphery of proposed route. Thus, BSNL letter is taken as deemed NOC.

### 2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1319 dated 04.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of M/s HRP Green Power Private Limited at Bhadla	90.43	35	0.179	1227	781	N.A	N.A
ICR	11.3	6.01	0.007	N.A	N.A	N.A	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.: RAJ-971 - 12**

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

**Provisional Approval** of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (Aux. Trafo & Harmonic filter - 2) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Bhadla, Rajasthan. (Length: 0.205 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 M/s HRP Green Power Private Limited
- (b) Reference number & date: SKP/Project/024 dated 26.12.2025  
E-mail dated 02.03.2026  
E-mail dated 11.03.2026
- (c) Name of the Power line 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (Aux. Trafo & Harmonic filter - 2) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Bhadla, Rajasthan. (Length: 0.205 km)
- (d) Length of Power line: 0.205 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: 10000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXIV

## Annexure XXIV

**Name of the Power Line:** 33kV 1/C above ground using 1Rx3Cx240 Sq.mm cable from sub-pooling station (Aux. Trafo & Harmonic filter - 2) to 33/220kV Pooling Substation of M/s HRP Green Power Private Limited at Bhadla, Rajasthan. (Length: 0.205 km)

### 1. BSNL Telecom Details:

AGM (CFA), BSNL, Jaipur vide letter RJCO-18/16(13)/3/2020-CFA/19012 dated 03.02.2026 has stated non-existence of any BSNL UG or O/H metallic and armoured OFC cable within the periphery of proposed route. Thus, BSNL letter is taken as deemed NOC.

### 2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1319 dated 04.02.2026 has given their NOC for charging of the line.

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

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of M/s HRP Green Power Private Limited at Bhadla	90.43	35	0.179	1227	781	N.A	N.A
ICR	11.3	6.01	0.007	N.A	N.A	N.A	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.