

**JOINT ELECTRICITY REGULATORY COMMISSION  
(FOR THE STATE OF GOA AND UNION TERRITORIES)  
GURUGRAM**

**CORAM**

Shri Alok Tandon, Chairperson  
Smt. Jyoti Prasad, Member (Law)

**Petition No:- 162/2025**

**Date of order:- 04.06.2026**

**In the matter of:**

Petition on behalf of the Petitioner seeking approval of Capital Schemes in terms of the directions of the Hon'ble Commission in its order dated 21.10.2025 passed in Petition No. 149 of 2025.

**And in the matter of:**

**Chandigarh Power Distribution Limited (CPDL)**

..... **Petitioner**

**Electricity wing of Engineering Department Chandigarh (EWEDC)**

..... **Respondent**

**Present: -**

**For the Hearing:**

1. Mr. Pramod Kumar Mishra, VP, CPDL
2. Ms. Prachi Jain, Head-Regulatory, CPDL
3. Mr. Brajesh Singh, DM, Regulatory, CPDL
4. Mr. Ankush Sethi, Sr. Manager, CPDL
5. Mr. Dushyant Manocha, Advocate, CPDL

## INTERIM ORDER

1. The instant Petition has been filed by Petitioner on 04.12.2025 seeking approval of Capital Schemes in terms of the directions of the Commission in its order dated 21.10.2025 passed in Petition No. 149 of 2025.

### Submission of the Petitioner:

2. The Petitioner is filing the present petition in terms of the directions passed by the Commission in its order dated 21.10.2025 directing the petitioner to inter alia obtain within 3 months scheme-wise approval of the capital works by filing separate petition (Scheme-wise) along with DPR, cost-benefit analysis and other relevant documents justifying the requirements of scheme.
3. The brief Capex/ Capitalisation of the schemes for which approval is presently being sought by way of the present petition is as under:

i). The capex plan submitted by the Petitioner is as tabulated below:

| S. No.   | Particulars   | FY            | FY            | FY           | FY           | FY           | Total         |
|----------|---|---------------|---------------|--------------|--------------|--------------|---------------|
|          |   | 25-26         | 26-27         | 27-28        | 28-29        | 29-30        |               |
| <b>A</b> | <b>Network Improvement and Optimization</b>                       |               |               |              |              |              |               |
| 1        | Number of Schemes   | 74            | 74            | -            | -            | -            | 148           |
| 2        | Estimated Scheme Cost (in Rs. Cr.)                                | 50.38         | 107.95        | 1.5          | -            | -            | 159.83        |
| <b>B</b> | <b>Operational Reliability and Loss Reduction</b>                 |               |               |              |              |              |               |
| 1        | Number of Schemes   | 65            | 47            | -            | -            | -            | 112           |
| 2        | Estimated Scheme Cost (in Rs. Cr.)                                | 57.42         | 86.02         | 3.08         | -            | -            | 146.52        |
| <b>C</b> | <b>Safety</b>   |               |               |              |              |              |               |
| 1        | Number of Schemes   | 6             | 4             | -            | -            | -            | 10            |
| 2        | Estimated Scheme Cost (in Rs. Cr.)                                | 5.50          | 5.51          | -            | -            | -            | 11.01         |
| <b>D</b> | <b>Overhaul of Metering Infrastructure</b>                        |               |               |              |              |              |               |
| 1        | Number of Schemes   | 3             | -             | -            | -            | -            | 3             |
| 2        | Estimated Scheme Cost (in Rs. Cr.)                                | 14.22         | 62.23         | 74.71        | 34.97        | 9.28         | 195.42        |
| <b>E</b> | <b>Technology Adoption</b>  |               |               |              |              |              |               |
| 1        | Number of Schemes   | 3             | 1             | -            | -            | -            | 4             |
| 2        | Estimated Scheme Cost (in Rs. Cr.)                                | 21.77         | 32.03         | 3.87         | 3.95         | 5.72         | 67.34         |
| <b>F</b> | <b>Future-ready Infrastructure</b>                                |               |               |              |              |              |               |
| 1        | Number of Schemes   | 13            | 7             | -            | -            | -            | 20            |
| 2        | Estimated Scheme Cost (in Rs. Cr.)                                | 23.54         | 21.81         | 6.5          | 6.5          | 4.6          | 62.95         |
| <b>G</b> | <b>Total</b>  |               |               |              |              |              |               |
| <b>1</b> | <b>Number of Schemes<br/>(A1+B1+C1+D1+E1+F1)</b>                  | <b>164</b>    | <b>133</b>    | <b>-</b>     | <b>-</b>     | <b>-</b>     | <b>297</b>    |
| <b>2</b> | <b>Estimated Scheme Cost (in Rs. Cr.)<br/>(A2+B2+C2+D2+E2+F2)</b> | <b>172.83</b> | <b>315.55</b> | <b>89.66</b> | <b>45.42</b> | <b>19.60</b> | <b>643.07</b> |

ii). The capitalisation of the proposed schemes is as tabulated below:

| S. No.   | Particulars   | FY            | FY            | FY            | FY           | FY           | Total Capitalisation | Total proposed Capex | Diff.        |
|----------|---|---------------|---------------|---------------|--------------|--------------|----------------------|----------------------|--------------|
|          |   | 25-26         | 26-27         | 27-28         | 28-29        | 29-30        |                      |                      |              |
| <b>A</b> | <b>Network Improvement and Optimization</b>                   |               |               |               |              |              |                      |                      |              |
| 1        | Number of Schemes   | 22.00         | 126.00        |               |              |              | 148                  | 148                  | 0            |
| 2        | Estimated Scheme Cost (in Rs. Cr.)                            | 26.35         | 106.99        | 26.49         |              |              | 159.83               | 159.83               | 0            |
| <b>B</b> | <b>Operational Reliability and Loss Reduction</b>             |               |               |               |              |              |                      |                      |              |
| 1        | Number of Schemes   | 15.00         | 97.00         |               |              |              | 112                  | 112                  | 0            |
| 2        | Estimated Scheme Cost (in Rs. Cr.)                            | 21.31         | 116.27        | 8.94          |              |              | 146.52               | 146.52               | 0            |
| <b>C</b> | <b>Safety</b>   |               |               |               |              |              |                      |                      |              |
| 1        | Number of Schemes   | 1.00          | 9.00          |               |              |              | 10                   | 10                   | 0            |
| 2        | Estimated Scheme Cost (in Rs. Cr.)                            | 2.68          | 6.70          | 1.63          |              |              | 11.01                | 11.01                | 0            |
| <b>D</b> | <b>Overhaul of Metering Infrastructure</b>                    |               |               |               |              |              |                      |                      |              |
| 1        | Number of Schemes   | 1.00          | 1.00          |               |              |              | 2                    | 3                    | 1*           |
| 2        | Estimated Scheme Cost (in Rs. Cr.)                            | 14.00         | 52.01         | 74.71         | 34.97        | 9.28         | 184.97               | 195.42               | 10           |
| <b>E</b> | <b>Technology Adoption</b>                                    |               |               |               |              |              |                      |                      |              |
| 1        | Number of Schemes   | 3.00          | 1.00          |               |              |              | 4                    | 4                    | 0            |
| 2        | Estimated Scheme Cost (in Rs. Cr.)                            | 18.16         | 32.03         | 7.48          | 3.95         | 5.72         | 67.34                | 67.34                | 0            |
| <b>F</b> | <b>Future-ready Infrastructure</b>                            |               |               |               |              |              |                      |                      |              |
| 1        | Number of Schemes   | 13.00         | 7.00          |               |              |              | 20                   | 20                   | 0            |
| 2        | Estimated Scheme Cost (in Rs. Cr.)                            | 23.44         | 21.81         | 6.50          | 6.50         | 4.60         | 62.85                | 62.95                | 0            |
| <b>G</b> | <b>Total</b>  |               |               |               |              |              |                      |                      |              |
| 1        | <b>Number of Schemes (A1+B1+C1+D1+E1+F1)</b>                  | <b>55.00</b>  | <b>241.00</b> | <b>0.00</b>   | <b>0.00</b>  | <b>0.00</b>  | <b>296</b>           | <b>297</b>           | <b>1*</b>    |
| 2        | <b>Estimated Scheme Cost (in Rs. Cr.) (A1+B1+C1+D1+E1+F1)</b> | <b>105.94</b> | <b>335.81</b> | <b>125.75</b> | <b>45.42</b> | <b>19.60</b> | <b>632.52</b>        | <b>643.07</b>        | <b>10.55</b> |

\*means the schemes pertaining to Consumer Contribution.

4. On direction of the Commission vide Interim order dated 24.12.2025, the Petitioner vide affidavit dated 31.12.2025 had submitted the following clarification;
- The categorization of all schemes on the basis of what they seek to achieve and/or what aspect of the distribution business they pertain.
  - The methodology adopted for preparation of cost estimation with respect to schemes. The Petitioner submitted that, the material costs have been adopted from the latest executed Purchase Orders which have been finalized through competitive bidding and rates of supply & erection have been adopted from prevailing EWEDC & PSPCL Schedule of Rates.
  - The proposed total 27 numbers of schemes of 66 kV i.e., 7 schemes for FY 25-26 and 20 schemes for FY 26-27. All the said schemes are for replacement and/or augmentation of the existing network only.
  - There are 60 schemes pertaining to extension of LT underground/overhead network to provide new connection at 60 different locations with estimated scheme cost of Rs. 0.25 Crore each. Hence, although the nature of work is similar, the same are proposed to be carried out at different locations.
  - In Scheme 175, 187,188 and 248, the scheme cost indicated in the summary sheet is correct, however, an inadvertent error has occurred while placing the same in the cost estimation sheet of respective DPRs.
5. The hearing in the said matter was held on 06.01.2026 and State Transmission Utility (STU) was impleaded as Respondent by the Commission. The Petitioner was directed to provide a copy of the Petition to State Transmission Utility (STU) along with details of all proposed schemes at 66 kV and above within one week time. The STU was directed to submit their views/reply/comments on schemes proposed at 66 kV and above within three weeks.
6. The Technical Validation Session (TVS) for detailed discussion on the proposed schemes was held on 28.01.2026 and the scheme wise DPR of Capex/Capitalisation proposal was deliberated in details with CPDL. On 11.02.2026 the MOM was shared with the Petitioner. Further CPDL was advised to provide additional information in the prescribed format finalised in the meeting along with other necessary details, as given below:
- a. Necessity of the Scheme (with clear specification of consumer benefits, overloading details etc. wherever applicable),
  - b. Technical Justification of Each and every scheme,
  - c. Cost Benefit Analysis with financial value,
  - d. Work Completion Report (Available/Not Available),

- e. Current Status in detail (detailed progress including work completed, ongoing and pending activities),
  - f. Cost already incurred with its description,
  - g. Completed/Stage of Completion with necessary details,
  - h. EI Certificates (wherever applicable),
  - i. Tender Status (wherever applicable),
  - j. Cost Estimate basis,
  - k. Payback Period (to be revised where ever applicable as per approved Business Plan figures, different growth rate to be considered at various voltage level),
  - l. Compliance with direction of JERC such as metering, SCADA, GIS etc.
7. The additional information as per prescribed format was submitted by the Petitioner on 17.02.2026. Further, submissions dated 24.04.2026 were submitted by the Petitioner as follows;
- i. Out of 297 schemes, for 270 schemes the TVS has been satisfactory concluded and for remaining 27 EHV scheme relating to 66kV, the STU has raised same objections vide letter dated 22.07.2025 in the Business Plan of the Petitioner and was rejected by Commission. Therefore, objections of STU are liable to be rejected at the threshold as being barred by principles akin to those of res judicata. If STU was aggrieved by the said business plan order, it should have taken steps in accordance with law and cannot seek reopening of the Business Plan order in the present Proceedings.
  - ii. As per transfer scheme all existing and under-construction 220kV, 33kV, 11 kV and LT assets under Schedule – B together with the functions of sub-transmission, distribution, planning, design, financing, construction, operation and maintenance under Schedule-A have been transferred. These assets are integral part of the ‘distribution system’ of the distribution licensee in terms of Section 2(19) of 2003, Act read with Rule 4 of the Electricity Rules, which define the distribution system on the basis of its primary purpose rather than the voltage level.
  - iii. The Petitioner submits that there is nothing under the Electricity Act, 2003 which stipulates of prior approval of STU for 21 schemes. STU relies on clause 1 (c)(2) under Schedule B of the Transfer Scheme which is for approvals required in case there is a change in the right to use land.
  - iv. On the objection of ownership of the remaining 4 schemes, the Petitioner stated that pursuant to vacating the earlier interim stay by Hon’ble High Court of Punjab & Haryana the scheme No.231, Energization of 66/11 kV Raipur Kalan sub-station, the Petitioner is taking steps as decided in the meeting under Chairmanship of Chief Engineer, UT of Chandigarh in presence of STU. Above was followed by amendment to the Transfer Scheme dated 30.01.2026 especially to Schedule-B2, in terms of which the Raipur Kalan S/s was formally transferred to CPDL. The schemes nos. 221 and 249 are aimed at strengthening the existing

distribution system by providing N-1 contingency at the existing 66/11 kV S/s located at Sector-47 and Sector-52 respectively, through optimal utilisation of the already available distribution infrastructure. The Scheme 251, involve construction of four underground circuits from Hallo Majra to the railway crossing. These circuits will provide N-1 contingency to the existing 66/11 kV Sub-stations at Sector. 47 and 52 as proposed under schemes nos. 221 and 249 respectively.

- v. The 297 schemes proposed in the present petition are not green field projects that requires long-term futuristic load projections. These schemes are immediate works of replacement, augmentation and strengthening of the existing distribution network to provide N-1 contingency, relieve overloading and ensure reliable power supply. Schemes have been prepared on the basis of prevailing load conditions, the detailed recommendations of the CEA Report and the urgent need to modernise the aged infrastructure already transferred to the Petitioner.
- vi. Load profile diagram depends on time-based metering data at all level and proper consumer load segregation along with consumer indexing. However, 100% DT metering is not yet implemented and consumer indexing would be implemented post implementation of GIS. CPDL had already placed a comprehensive metering plan in the instant Petition for achieving 100% DT metering. The load profile diagrams can only be submitted once the roll-out is completed and data acquisition system is stabilised.

#### **Submission of the Respondent:**

8. On direction of the Commission vide Interim order dated 06.01.2026, the Respondent vide affidavit dated 27.02.2026 submitted the following comment/reply/suggestions:
  - i) The office had already requested M/s CPDL vide Memo No. 1842 dated 13.05.2025 and subsequent reminders dated 19.06.2025 to furnish futuristic load demand and justification for proposed transmission works to enable coordinated planning of 220 kV, 66 kV Grid Substations and transmission lines. However, prior approval of STU/ Chandigarh Administration, has not been obtained by CPDL before incorporating transmission-related works in its Business Plan/ Capital Investment Plan submitted to the Hon'ble JERC.
  - ii) Further, as per the notified provisions in the Transfer Scheme duly approved by Hon'ble Administrator, Chandigarh Administration, new 66 kV and above works have not been transferred to CPDL, hence, new works of Grid Substations, underground feeders, bays, PTRs, interconnectors, etc., are to be executed through STU. Accordingly, CAPEX for such new transmission works is required to be included in the Petition/ Business Plan to be submitted by STU and executed by STU after obtaining procedural approvals from the competent authority/ CTU/ MoPGoI.

- iii) Although 81 works (66 kV and above) were approved by Hon'ble JERC in CPDL's Business Plan for the MYT Control Period 2025-26 to 2029-30, several augmentation/upgradation schemes include works such as new bays, new feeders and additional PTRs etc., but the prior approval of State Transmission Utility (STU) and concurrence of the Chandigarh Administration is required before execution of the same as per Schedule B, Clause No. I (C) 2 of Chandigarh Reform Transfer Scheme, 2025.
- iv) The scheme-wise costs indicated in the present petition are not directly comparable with the CAPEX approved in the Business Plan of CPDL, as various works have been merged in the subject cited petition. The estimated cost matched for the FY 2025-26 and 2026-27 but the works proposed in the subject-cited petition are not in line with the Business Plan petition of M/s CPDL.
- v) Further, the STU/EWEDC had already submitted its objections before Hon'ble JERC on Capital Investment Plan considered by M/s CPDL in its Business Plan vide Memo No. 2972 dated 22.07.2025.
- vi) As per Clause No. 5.2, 8.4 and 8.6 of JERC MYT Regulations, 2024, the STU is required to file independent Petition/ Business Plan before the Hon'ble Commission under the MYT Regulations, 2024 for all new works relating to 66kV and above Grid Substations, Transmission lines and associated infrastructure etc.
- vii) Therefore, as per statutory provisions, the new works pertaining to the STU (66 kV and above) proposed by CPDL in Petition No. 162/2025, are beyond the scope of its distribution business and falling within the jurisdiction of the State Transmission Utility (STU), require appropriate consideration by the Hon'ble Commission in accordance with the provisions of the Transfer Scheme, Electricity Act, 2003 and the applicable Regulations.
- viii) As per Schedule B, Clause No. I (C) 2 of Chandigarh Reform Transfer Scheme, 2025, the Distribution company shall not carry out any construction/addition/alteration without prior approval/concurrence of Engineering Department and Department of Urban Planning. Further, the Respondent submitted that the details of proposed schemes pertaining to 66KV and above as submitted by M/s CPDL vide above petition, for the FY 2025-26 and 2026-27 cannot be executed without the approval of the Engineering Department/Department of Urban Planning. The details of 25 schemes which **cannot be executed without the approval** of Engineering Department are as tabulated below:

| <b>S.No.</b><br><b>Page</b><br><b>No</b> | <b>Proposal</b><br><b>No./ Scheme</b><br><b>No.</b> | <b>Brief Description of Scheme</b> | <b>CAPEX FY</b> | <b>Cost</b><br><b>(Rs. Cr.)</b> |
|--|---|------------------------------------|-----------------|---------------------------------|
|--|---|------------------------------------|-----------------|---------------------------------|

|                            |                                 |  |                |             |
|----------------------------|---------------------------------|--|----------------|-------------|
| 92<br>Pg.No<br>524-<br>531 | EHV/<br>26/LG/AP/00<br><u>1</u> | Addition of new 66/11 kV 20 MVA Power Transformer in 66/11 kV Grid Substation IT Park, Chandigarh to provide N-1 redundancy at Grid level & enhance the overall installed capacity of GSS.   | <u>2025-26</u> | <u>2.59</u> |
| 93<br>Pg.No<br>532-<br>537 | EHV/<br>26/SI/CR/001            | Detailed Project Report for Protection Augmentation at 66/11kV Grid Sub-Station Sector-1, Chandigarh.  | <u>2025-26</u> | <u>0.26</u> |
| 94<br>Pg.No<br>538-<br>546 | EHV/<br>26/SI/UP/<br><u>002</u> | Replacement of damaged/ defunct 66/11KV 12.5MVA Power Transformer#1 with new 66/11 kV 20 MVA Power Transformer at 66/11 kV Grid Substation Industrial Area Phase-1, Chandigarh to provide N-1 redundancy at Grid level & enhance the capacity of GSS.  | <u>2025-26</u> | <u>2.69</u> |
| 95<br>Pg.No<br>553-<br>561 | EHV/<br>26/SI/CR/002            | CRP and Relay Replacement for 66 kV and 11 KV Feeders at IA Phase-1  | <u>2025-26</u> | 1.54        |
| 96<br>Pg.No<br>553-<br>561 | EHV/<br>26/SI/UP/<br><u>003</u> | Replacement of damaged/defunct 66/11 kV <u>12.5</u> MVA Power Transformer#2 with new 66/11kV 20 MVA Power Transformer along with replacement of very old and obsolete 11kV Switchgears at 66/11 kV Grid Substation Industrial Area Phase-2, Chandigarh to provide N-1 redundancy at Grid level & improve supply reliability. | <u>2025-26</u> | <u>2.72</u> |
| 97<br>Pg.No<br>562-<br>571 | EHV/<br>26/LG/AP/00<br><u>2</u> | Addition of new 66/11 kV 20 MVA Power Transformer along with construction of new 66kV PTR Bay and installation of 12 Nos. of new Indoor 11kV Switchboard at 66/33/11 kV Grid Substation, Sector 52, Chandigarh to provide N-1 redundancy at Grid level & enhance the overall capacity of GSS                                 | <u>2025-26</u> | <u>5.09</u> |

|                                      |                                 |   |                |              |
|--------------------------------------|---------------------------------|---|----------------|--------------|
| <u>216</u><br>Pg.No<br>1398-<br>1413 | EHV/<br>26/LG/NF/00<br><u>1</u> | Capacity Strengthening and N-1 Reliability Redundancy at 66/11 kV Sector-1 GSS via New 66 kV Incomer from <u>220kV</u> Kishangarh GSS and additional 66/11kV 20 MVA Power Transformer.              | <u>2026-27</u> | <u>17.51</u> |
| <u>217</u><br>Pg.No<br>1414-<br>1422 | EHV/<br>26/SI/CU/00<br><u>1</u> | Replacement of existing Obsolete and Outlived/Ageing 66kV Outdoor Bays at Grid Sub-Station, Sector 1, Chandigarh  | <u>2026-27</u> | <u>1.14</u>  |
| <u>218</u><br>Pg.No<br>1423-<br>1429 | EHV/<br>27/SI/SR/001            | Replacement of existing Obsolete and Ageing 11kV Switchgear with latest and technologically advanced switchgear at 66/11kV Grid substation at Sector 1, Chandigarh                                  | <u>2026-27</u> | <u>2.88</u>  |
| <u>219</u><br>Pg.No<br>1430-<br>1437 | EHV/<br>26/SI/SR/002            | Replacement of existing obsolete and ageing 11kV Switchgear with latest and technologically advanced Switchgears at 66/33/11kV Grid Substation at Sector 34, Chandigarh..                           | <u>2026-27</u> | <u>2.27</u>  |
| <u>220</u><br>Pg.No<br>1438-<br>1443 | EHV/<br>27/S/CR/<br><u>001</u>  | Proposal for the replacement of outdated and old Relays in 66kV and 11kV Bays at Grid Sub-Station Sec-47, Chandigarh.   | <u>2026-27</u> | <u>0.94</u>  |
| <u>222</u><br>Pg.No<br>1455-<br>1464 | EHV/<br>26/SI/CU/00<br><u>3</u> | Detailed Project Report for replacement of existing Obsolete and Outlived/Ageing 66kV Outdoor Bays and 11kV Switchgears at Grid Sub-Station Sector 52, Chandigarh to improve reliability and safety | <u>2026-27</u> | <u>7.91</u>  |
| <u>223</u><br>Pg.No<br>1465-<br>1471 | EHV/<br>27/SI/CR/003            | Relays in 66kV and 11kV Bays at Grid Sub-Proposal for the replacement of outdated and old Station Sec-56, Chandigarh.   | <u>2026-27</u> | <u>0.48</u>  |
| <u>224</u><br>Pg.No                  | EHV/<br>27/SI/UP/               | Capacity Enhancement by replacing of existing 3 nos. 33/11 kV Power Transformer with 1 No. <u>66-33/11</u> kV, 20 MVA Power Transformer & addition of   | <u>2026-27</u> | <u>8.22</u>  |

|                                  |                                |   |                |             |
|----------------------------------|--------------------------------|---|----------------|-------------|
| 1472-1483                        | <u>001</u>                     | 01 No. 66/11 kV, <u>12.5</u> MVA Power Transformer including construction of 66 kV New Interconnector bay and replacement of 11 kV age old Switchgear at Grid Sub-Station Sector-18. Chandigarh |                |             |
| <u>225</u><br>Pg.No<br>1484-1490 | EHV/<br>26/SI/SR/ <u>005</u>   | Replacement of existing obsolete and ageing 11kV Switchgear with latest and technologically advanced switchgears at 33/11kV Grid substation at Sector 37, Chandigarh                            | <u>2026-27</u> | <u>2.31</u> |
| 226<br>Pg.No<br>1491-1498        | EHV/<br>26/S/SR/<br><u>006</u> | Replacement of existing Obsolete and Ageing 11kV Switchgear with latest and technologically advanced switchgears at 66/11kV Grid Substation at Sector 17, Chandigarh                            | <u>2026-27</u> | <u>1.98</u> |
| <u>227</u><br>Pg.No<br>1499-1504 | EHV/<br>27/SI/CR/ <u>004</u>   | Proposal for the replacement of outdated and old Relays in 33kV and 11kV Bays at Grid Sub-Station Sec-17, Chandigarh.   | <u>2026-27</u> | <u>0.2</u>  |
| <u>228</u><br>Pg.No<br>1505-1511 | EHV/<br>27/SI/SR/ <u>004</u>   | Replacement of existing Obsolete and Ageing 11kV Switchgear with latest and technologically advanced switchgears at 66/11kV Grid Substation at Sector 39, Chandigarh                            | <u>2026-27</u> | <u>1.5</u>  |
| <u>229</u><br>Pg.No<br>1512-1523 | EHV/<br>27/SI/CU/ <u>005</u>   | Revival and Monetization of Existing obsolete & ageing 66kV Outdoor Bay with new 66 kV Outdoor Bay at Grid Sub-Station Sector 12, Chandigarh.   | <u>2026-27</u> | <u>3.15</u> |
| <u>232</u><br>Pg.No<br>1542-1547 | EHV/<br>27/SI/CR/ <u>005</u>   | Line Differential protection for CPDL Incomers ( <u>220</u> kV & 66 kV) at Kishangarh, IA Ph-1, IA Ph-2, Sec-39, Sec-52 & Sec-56 GSS  | <u>2026-27</u> | <u>1.97</u> |

|                                       |                             |  |                |             |
|---------------------------------------|-----------------------------|--|----------------|-------------|
| <u>250</u> Pg<br>.No<br>1726-<br>1731 | EHV/<br><u>27/SI/CR/002</u> | Replacement of outdated and old Relays in 66kV and 11kV Bays at Grid Sub-Station Sec-52, Chandigarh. | <u>2026-27</u> | <u>0.19</u> |
|---------------------------------------|-----------------------------|--|----------------|-------------|

The remarks of the State Transmission Utility (STU) are identical for all the above-mentioned 21 schemes wherein STU stated that the said 66kV GSS has been transferred to M/s CPDL under Chandigarh Electricity Reforms Transfer Scheme, 2025. Accordingly, M/s CPDL may undertake and execute the said work. As per Schedule B, Clause No. I (C) 2 of Chandigarh Reform Transfer Scheme, 2025, approval of the State Transmission Utility (STU) and concurrence of the Chandigarh Administration is required.

The details of balance 4 schemes are as under:-

| <b>S.No.</b><br><b>Page No</b>           | <b>Proposal No./ Scheme No.</b> | <b>Brief Description of Scheme</b>   | <b>CAPE X FY</b> | <b>Cost (Rs. Cr.)</b> | <b>Remarks of STU</b>  |
|--|---------------------------------|--|------------------|-----------------------|--|
| <u>221</u><br><br>Pg.No<br>1444-<br>1454 | EHV/<br><u>27/LG/NF/005</u>     | Construction of New 66 kV Underground Feeder <u>220</u> kV PGCIL Hallo Majra GSS to Sector-47 GSS alongwith 66 kV New Bay Erection at Sector-47 GSS. | <u>2026-27</u>   | <u>11.55</u>          | <p>a) As per Chandigarh Electricity Transfer Scheme, 2025, the new works are not transferred to M/s CPDL and comes under the jurisdiction of STU. Accordingly, the STU shall undertake and execute the work of construction of new 66 kV Underground Feeder from <u>220</u> kV PGCIL Hallo Majra GSS to Sector-47 GSS.</p> <p>The capital expenditure (CAPEX) towards the new 66KV Feeder may be considered in the business plan to be filed by STU before the Hon'ble JERC.</p> <p>b) Further, as per Schedule B, Clause No. I (C) 2 of Chandigarh Reform Transfer Scheme, 2025, approval of the State Transmission Utility (STU) and concurrence of the Chandigarh Administration is</p> |

|  |                                     |   |                |              |   |
|--|-------------------------------------|---|----------------|--------------|---|
|  |                                     |   |                |              | required for New Bay Erection at Sector-47 GSS.   |
| <u>231</u><br><br>Pg.No<br>1531-<br>1541 | EHV/<br><br>27/LG/NF/0<br><u>04</u> | Construction of New 66 kV Underground Feeder <u>220</u> kV PGCIL Hallo Majra GSS to Raipur Kalan GSS  | <u>2026-27</u> | <u>26.21</u> | As per Chandigarh Electricity Transfer Scheme, 2025, the new works are not transferred to M/s CPDL and comes under the jurisdiction of STU. Accordingly, the STU shall undertake and execute the work of Construction of New 66 kV Underground Feeder 220 kV PGCIL Hallo Majra GSS to Raipur Kalan GSS.<br><br>The capital expenditure (CAPEX) towards the new 66KV Feeder may be considered in the business plan to be filed by STU before the Hon'ble JERC.   |
| <u>251</u><br><br>Pg.No<br>1732-<br>1737 | EHV/<br><br>27/LG/NF/0<br><u>06</u> | Construction of 4 Nos of 66 kV Underground Circuits From <u>220</u> kV PGCIL GSS at Hallo Majra across nearby Railway line for Evacuation of New Feeders to Various 66 kV Grid Substations in Chandigarh. | <u>2026-27</u> | <u>8.44</u>  | As per Chandigarh Electricity Transfer Scheme, 2025, the new works are not transferred to M/s CPDL and comes under the jurisdiction of STU. Accordingly, the STU shall undertake and execute the work of Construction of 04 Nos of 66kV Underground Circuits From 220 kV PGCIL GSS at Hallo Majra across nearby Railway line for Evacuation of New Feeders.<br><br>The capital expenditure (CAPEX) towards the new 66KV Feeder may be considered in the business plan to be filed by STU before the Hon'ble JERC. |
| <u>249</u>                               | EHV/<br><br>27/LG/NF/0<br><u>02</u> | Detailed Project Report for Construction of New 66 kV Underground Feeder <u>220</u> kV PGCIL Hallo Majra  | <u>2026-27</u> | <u>3.89</u>  | As per Chandigarh Electricity Transfer Scheme, 2025, the new works are not transferred to M/s CPDL and comes under the jurisdiction of STU. Accordingly, the STU shall  |

|                        |  |                          |  |  |   |
|------------------------|--|--------------------------|--|--|---|
| Pg.No<br>1717-<br>1725 |  | GSS to Sector-52<br>GSS. |  |  | undertake and execute the work of Construction of New 66 kV Underground Feeder 220 kV PGCIL Hallo Majra GSS to Sector-52 GSS.<br><br>The capital expenditure (CAPEX) towards the new 66KV Feeder may be considered in the business plan to be filed by STU before the Hon'ble JERC. |
|------------------------|--|--------------------------|--|--|---|

ix) The details of 2 schemes which **can be executed** without the approval of Engineering department are tabulated below:

| <u>S.No.</u><br>Page No           | <u>Proposal No./ Scheme No.</u> | <u>Brief Description of Scheme</u>  | <u>CAPEX FY</u> | <u>Cost (Rs. Cr.)</u> | <u>Remarks of STU</u>   |
|-----------------------------------|---------------------------------|---|-----------------|-----------------------|---|
| 98<br><br>Pg.No 572-578           | EHV/<br>26/SI/BR/0<br>01        | Replacement of Battery and Battery Charger of various GSS under CPDL Licensee Area. | <u>2025-26</u>  | <u>0.96</u>           | The assets of the 66 kV GSS have been transferred to M/s CPDL under Chandigarh Electricity Reforms Transfer Scheme, 2025. Accordingly, M/s CPDL may undertake and execute the said work.<br><br>The capital expenditure (CAPEX) towards the work may be considered by the Hon'ble JERC. |
| <u>230</u><br><br>Pg.No 1524-1530 | EHV/<br>27/SI/BR/0<br>01        | Replacement of Battery and Battery Charger of various GSS under CPDL Licensee Area. | <u>2026-27</u>  | <u>0.21</u>           | The assets of the 66 kV GSS have been transferred to M/s CPDL under Chandigarh Electricity Reforms Transfer Scheme, 2025. Accordingly, M/s CPDL may undertake and execute the said work.<br><br>The capital expenditure (CAPEX) towards the work may be considered by the Hon'ble JERC. |

- x) It is further submitted by the Respondent that M/s CPDL has submitted the work of Erection, Testing and Commissioning of new 66/11KV GSS, Sector-34 for amounting to Rs. 12.84 at Sr. No. 15 & 16 of *Annexure-1 in its Petition for approval of business plan for MYT control period FY 2025-26 to FY 2029-30*, which has been approved by Hon'ble JERC in its Order dated 21.10.2025. However, the work has not been proposed by M/s CPDL in its petition no. 162/2025. Accordingly, the STU shall also undertake and execute the work of construction of new 66/11KV Grid Substation, Sector-34 U.T Chandigarh and the capital expenditure (CAPEX) towards the new 66KV Grid substation may be considered in the business plan to be submitted by STU before the JERC.

**Commission's Analysis:**

9. The Commission vide Business Plan Order dated 21.10.2025 had granted in-principle approval for capex of Rs. 956 cr. and capitalisation of Rs. 478.095 cr. for entire control period from FY 2025-26 to FY 2029-30 in Petition No. 149 of 2025. The Commission had further directed that each individual scheme be submitted accompanied by DPRs, in accordance with the Commission's Multi Year Tariff Regulations, 2024.
10. Therefore, the Petitioner in the instant Petition sought approval of the Commission for 297 Capex schemes amounting Rs. 643.07 cr. for FY 2025-26 to FY 2026-27 and capitalisation of Rs. 632.52 cr. (as Rs. 10.55 cr. were deposit works scheme contributed by respective consumers.). And for the rest of the control period the Petitioner has filed separate petition before the Commission which is pending for Admission.
11. The Commission vide Interim Order dated 06.01.2026, had directed the Petitioner to attend the TVS with the Officers of the Commission. Accordingly, a TVS was held on 28.01.2026 and the petitioner was directed to submit additional information including scheme necessity, technical justification, cost estimates, progress status, cost incurred, payback period and compliance with regulatory directions such as metering and SCADA deployment. The Petitioner submitted the information on 17.02.2026.
12. The Respondent on 27.02.2026 has submitted its comments/reply/suggestions on an affidavit as per the direction of the Commission. The Respondent submitted that out of 297 Capex schemes submitted by Petitioner for approval, 21 schemes require prior approval/concurrence of Engineering Department and Department of Urban Planning and 4 schemes were not transferred to the Petitioner and STU is responsible to execute the work as per Schedule B, Clause No. I (C) 2 of Chandigarh Reform Transfer Scheme, 2025.
13. Further, the Respondent submitted that the STU had already requested M/s CPDL, vide Memo No. 1842 dated 13.05.2025 and subsequent reminder dated 19.06.2025, to furnish the futuristic load demand and justification for the proposed transmission works to enable coordinated planning of 220 kV and 66 kV grid substations and transmission lines. However, prior approval of the STU/Chandigarh Administration had not been obtained

by CPDL before incorporating transmission-related works in its Business Plan/Capital Investment Plan submitted to the Commission.

14. The Electricity Act, 2003 under Section 39 and the Electricity Distribution Network Planning Criteria, 2023 issued by the Central Electricity Authority, prescribe the functions of the State Transmission Utility (STU) with respect to planning and coordination relating to the intra-state transmission system with distribution licensees. Further, as per Section 5.3.2 of the National Electricity Plan, 2005, the STU is responsible for the planning and development of the intra-state transmission system and is required to undertake network expansion after identifying the requirements in consultation with stakeholders and carrying out execution after obtaining due regulatory approvals.
15. During the course of the proceedings, the Senior Counsel appearing for the Petitioner admitted the role of the STU in discharging all functions of planning & coordination relating to development of intra-state transmission system.
16. Accordingly, the Commission observes that total 21 nos of the schemes require approval/concurrence of STU/Chandigarh Administration in terms of transfer scheme. Therefore, the Petitioner is directed to obtain approval/concurrence of the STU and submit the same before the Commission for approval. The list which requires approval/concurrence of STU/Chandigarh Administration is annexed at **Annexure 'A'**.
17. Further, as noted by the respondent, the 4 schemes out of 297 schemes above, relate to new works which the Respondent (STU) intends to execute. These 4 schemes have been proposed by the STU in the Business Plan filed by them before the Commission. The same shall be dealt accordingly. Therefore, the Commission is not inclined to approve the same. The list is annexed at **Annexure 'B'**.
18. The Commission, vide email dated 11.02.2026 regarding the Minutes of Meeting of the TVS session, directed CPDL to provide copies of the PO for all existing work schemes, tender-related guidelines and methodology for tendering, the Load Profile Diagram, and the Network Flow Diagram of the existing distribution network and the proposed network. Considering the submissions of the Petitioner as well as Respondent and the clarifications furnished during the Technical Validation Session and after examining the DPR, the Commission approves the capital expenditure of Rs 305.77 Cr for 53 schemes as per list attached with this order as **Annexure 'C'**
19. However, the information related to ageing/loading/overloading/frequent tripping, as well as the Load Profile Diagram and Network Flow Diagram of the existing and proposed networks, has not been provided by the Petitioner for remaining 219 schemes. Therefore, in the absence of the above information, the details of the balance schemes (i.e., 219 schemes), requires further information/documents. The staff of the commission is directed to conduct a TVS and obtain the required pending information. The Commission shall accordingly deal with these schemes by a separate order.

20. The Commission notes that STU has been enshrined with the functions under Section 39 of the Electricity Act, 2003. Further, the role of SLDC is to ensure integrated operation of the power system in a state.
21. The Respondent has been notified as STU and therefore in discharge of its function a Steering Committee may be constituted for examining the requirement of augmentation of all schemes pertaining to 66 kV & above. Therefore, Engineering Department UT Chandigarh shall form a Steering Committee consisting of a representative of Discom, STU, SLDC and additionally for the purpose of neutrality a representative of either from RLDC/ CTU/Power Grid.
22. Henceforth, all Schemes/New Schemes of 66 kV and above to be proposed by the Petitioner /STU should be discussed and agreed in the Steering Committee before seeking approval of the Commission. Therefore, all fresh petition seeking approval for the capex shall be filed following the above procedure.
23. The Commission further directs the Petitioner to ensure, procurement of all materials and equipment as well as execution of contracts for availing services, including power procurement which is to be undertaken through a transparent competitive bidding process in accordance with Regulation 61.1 of the Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Transmission and Distribution Licensing) Regulations, 2020.
24. The Commission further clarifies that the approval accorded in the present order is subject to prudence check during the true-up of the respective financial year in accordance with Regulation 8.6 of the Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2024. Wherever applicable, the schemes shall conform to JERC Regulations as amended from time to time. The said approval of the Commission is subject to the following conditions:
- If any part of the schemes shall be funded through Budget/grant received from Govt./any other agency it would not be a pass through in ARR.
  - The Petitioner shall seek the revised approval of the commission, if actual cost is discovered to be in excess of the approved cost of the schemes along with reason.
  - The schemes shall conform to JERC Regulations as amended/substituted from time to time.
  - The validity of the approval letter shall be for one year. If the scheme is not initiated within one-year Petitioner shall seek re-approval of the scheme along with the valid reasons for the delay.
  - All works shall be carried out in compliance with the Standards/Rules/Regulations/Acts. Further, the works shall be executed by adopting best industries practices duly keeping in view the aesthetics in case of all overhead works.
  - The Petitioner shall also submit the completion report indicating the actual cost incurred in the implementation of the schemes. The final cost and quantity will be

subject to verification by way of prudence check/truing up at the time of final approval/capitalization.

- The Petitioner shall submit the Electrical inspector's certificate/Report after compliance with the objection/suggestions, wherever applicable. The works shall be commissioned only after obtaining the requisite statutory certificates, including Electrical Inspector Certificate.
- The Statutory Auditor's certificate for the full and final actual cost disbursed for execution of work.
- The decapitalization details as proposed in line with the applicable Regulations.

25. The Petitioner shall submit a report for every quarter detailing the progress of the capital expenditure and capitalisation undertaken against that proposed in the Capital Investment Plan, on or before the last Day of the month succeeding the respective quarter for review by the Commission in terms of provision 8.6 (f) of the Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2024.

Ordered accordingly.

**Sd/-**  
**(Jyoti Prasad)**  
**Member (Law)**

**Sd/-**  
**(Alok Tandon)**  
**Chairperson**

**Certified Copy**



**(Rajesh Dangi)**  
**Secretary (I/c)**

**Place: Gurugram, Haryana**

**Date: 04<sup>th</sup>, June, 2026**

### Annexure-A

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category                              | Brief Description of Scheme   | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme  | Remarks to Discom   |
|------------------------|--------------------------|--|---|----------|---------------------------------|--|---|
| 92                     | EHV/26/LG/AP/001         | Network Improvement and Optimization       | Addition of new 66/11 kV 20 MVA Power Transformer in 66/11 kV Grid Substation IT Park, Chandigarh to provide N-1 redundancy at Grid level & enhance the overall installed capacity of GSS.  | 2025-26  | 2.59                            | To Create the N-1 Contingency & to meet peak summer demand to ensure reliable and uninterrupted power supply to consumers. | STU/Chandigarh Administration required as per transfer scheme.                      |
| 93                     | EHV/26/SI/CR/001         | Operational Reliability and Loss Reduction | Detailed Project Report for Protection Augmentation at 66/11kV Grid Sub-Station Sector-1, Chandigarh.   | 2025-26  | 0.26                            | Lack of Line Differential Protection & existing CRP & 11kV AIS are with old obsolete Electromechanical Relays              | STU/Chandigarh Administration required as per transfer scheme.                      |
| 94                     | EHV/26/SI/UP/002         | Operational Reliability and Loss Reduction | Replacement of damaged/defunct 66/11 kV 12.5 MVA Power Transformer#1 with new 66/11 kV 20 MVA Power Transformer at 66/11 kV Grid Substation Industrial Area Phase-1, Chandigarh to provide N-1 redundancy at Grid level & enhance the capacity of GSS.  | 2025-26  | 2.69                            | To meet peak summer demand and to ensure reliable and uninterrupted power supply to consumers.                             | STU/Chandigarh Administration required as per transfer scheme.                      |
| 95                     | EHV/26/SI/CR/002         | Operational Reliability and Loss Reduction | CRP and Relay Replacement for 66 kV and 11 kV Feeders at IA Phase-1   | 2025-26  | 1.54                            | Existing CRP and 11kV AIS are with old obsolete Electromechanical Relays   | STU/Chandigarh Administration approval/concurrence required as per transfer scheme. |
| 96                     | EHV/26/SI/UP/003         | Operational Reliability and Loss Reduction | Replacement of damaged/defunct 66/11 kV 12.5 MVA Power Transformer#2 with new 66/11kV 20 MVA Power Transformer along with replacement of very old and obsolete 11kV Switchgears at 66/11 kV Grid Substation Industrial Area Phase-2, Chandigarh to provide N-1 redundancy at Grid level & improve supply reliability. | 2025-26  | 2.72                            | To meet peak summer demand and to ensure reliable and uninterrupted power supply to consumers.                             | STU/Chandigarh Administration approval/concurrence required as per transfer scheme. |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category                              | Brief Description of Scheme   | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme  | Remarks to Discom   |
|------------------------|--------------------------|--|---|----------|---------------------------------|--|---|
| 97                     | EHV/26/LG/AP/002         | Network Improvement and Optimization       | Addition of new 66/11 kV 20 MVA Power Transformer along with construction of new 66kV PTR Bay and installation of 12 Nos. of new Indoor 11kV Switchboard at 66/33/11 kV Grid Substation, Sector 52, Chandigarh to provide N-1 redundancy at Grid level & enhance the overall capacity of GSS. | 2025-26  | 5.09                            | To meet peak summer demand and to ensure reliable and uninterrupted power supply to consumers.   | STU/Chandigarh Administration approval/concurrence required as per transfer scheme. |
| 216                    | EHV/26/LG/NF/001         | Network Improvement and Optimization       | Capacity Strengthening and N-1 Reliability Redundancy at 66/11 kV Sector-1 GSS via New 66 kV Incomer from 220kV Kishangarh GSS and additional 66/11kV 20 MVA Power Transformer.   | 2026-27  | 17.51                           | The 66/11 kV Sector-1 S/STN lacks N-1 contingency at 66 kV Infeed level, as alternate 66 kV source of this S/STN from Sector-12 GSS is not capable of taking full load during the outage of Main 66 kV Source i.e. from 220 kV Kishangarh. This S/STN also lacks N-1 contingency at Power Transformer level. | STU/Chandigarh Administration approval/concurrence required as per transfer scheme. |
| 217                    | EHV/26/SI/CU/001         | Operational Reliability and Loss Reduction | Replacement of existing Obsolete and Outlived/Ageing 66kV Outdoor Bays at Grid Sub-Station, Sector 1, Chandigarh  | 2026-27  | 1.14                            | The existing 66 kV Switchgears are aged, obsoles and at the end of their useful life. Further spares and OEM support is also not available. These switchgears are not compatible for SCADA operations.   | STU/Chandigarh Administration approval/concurrence required as per transfer scheme. |
| 218                    | EHV/27/SI/SR/001         | Operational Reliability and Loss Reduction | Replacement of existing Obsolete and Ageing 11kV Switchgear with latest and technologically advanced switchgear at 66/11kV Grid substation at Sector 1, Chandigarh  | 2026-27  | 2.88                            | The existing 11 kV Switchgears are aged, obsoles and at the end of their useful life. Further spares and OEM support is also not available. These switchgears are not compatible for SCADA operations.   | STU/Chandigarh Administration approval/concurrence required as per transfer scheme. |
| 219                    | EHV/26/SI/SR/002         | Operational Reliability and Loss Reduction | Replacement of existing obsolete and ageing 11kV Switchgear with latest and technologically advanced Switchgears at 66/33/11kV Grid Substation at Sector 34, Chandigarh.  | 2026-27  | 2.27                            | The existing 11 kV Switchgears are aged, obsoles and at the end of their useful life. Further spares and OEM support is also not available. These switchgears are not compatible for SCADA operations.   | STU/Chandigarh Administration approval/concurrence required as per transfer scheme. |
| 220                    | EHV/27/SI/CR/001         | Operational Reliability and Loss Reduction | Proposal for the replacement of outdated and old Relays in 66kV and 11kV Bays at Grid Sub-Station Sec-47, Chandigarh.   | 2026-27  | 0.94                            | Existing CRP and 11kV AIS are with old obsolete Electromechanical Relays   | STU/Chandigarh Administration approval/concurrence required as per transfer scheme. |
| 222                    | EHV/26/SI/CU/003         | Operational Reliability and Loss Reduction | Detailed Project Report for replacement of existing Obsolete and Outlived/Ageing 66kV Outdoor Bays and 11kV Switchgears at Grid Sub-Station Sector 52, Chandigarh to improve reliability and safety.  | 2026-27  | 7.91                            | The existing 66 kV & 11 kV Switchgears are aged, obsoles and at the end of their useful life. Further spares and OEM support is also not available. These switchgears are not compatible for SCADA operations.   | STU/Chandigarh Administration approval/concurrence required as per transfer scheme. |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category                              | Brief Description of Scheme   | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme   | Remarks to Discom   |
|------------------------|--------------------------|--|---|----------|---------------------------------|---|---|
| 223                    | EHV/27/SI/CR/003         | Operational Reliability and Loss Reduction | Proposal for the replacement of outdated and old Relays in 66kV and 11kV Bays at Grid Sub-Station Sec-56, Chandigarh.   | 2026-27  | 0.48                            | Existing CRP and 11kV AIS are with old obsolete Electromechanical Relays  | STU/Chandigarh Administration approval/concurrence required as per transfer scheme. |
| 224                    | EHV/27/SI/UP/001         | Operational Reliability and Loss Reduction | Capacity Enhancement by replacing of existing 3 nos. 33/11 kV Power Transformer with 1 No. 66-33/11 kV, 20 MVA Power Transformer & addition of 1 No. 66/11 kV, 12.5 MVA Power Transformer including construction of 66 kV New interconnector bay and replacement of 11 kV age old Switchgear at Grid Sub-Station Sector-18, Chandigarh. | 2026-27  | 8.22                            | Existing 33/11 kV PTRs (6 MVA & 6/7.5 MVA) in 66/33/11 kV Grid Substation at Sector 18, Chandigarh which are having non-operable tap changer due to ageing, causing voltage fluctuation at consumer end.<br>The existing 11 kV switchgear installed at this S/STN has been in operation for several decades and has now reached the end of its useful service life.<br>The S/STN lacks N-1 contingency at 66 kV Infeed Level. | STU/Chandigarh Administration approval/concurrence required as per transfer scheme. |
| 225                    | EHV/26/SI/SR/005         | Operational Reliability and Loss Reduction | Replacement of existing obsolete and ageing 11kV Switchgear with latest and technologically advanced switchgears at 33/11kV Grid substation at Sector 37, Chandigarh  | 2026-27  | 2.31                            | The existing 11 kV switchgear installed at this S/STN has been in operation for several decades, has now reached the end of its useful service life & not compatible for SCADA operations.  | STU/Chandigarh Administration approval/concurrence required as per transfer scheme. |
| 226                    | EHV/26/SI/SR/006         | Operational Reliability and Loss Reduction | Replacement of existing Obsolete and Ageing 11kV Switchgear with latest and technologically advanced switchgears at 66/11kV Grid Substation at Sector 17, Chandigarh  | 2026-27  | 1.98                            | The existing 11 kV switchgear installed at this S/STN has been in operation for several decades, has now reached the end of its useful service life & not compatible for SCADA operations.  | STU/Chandigarh Administration approval/concurrence required as per transfer scheme. |
| 227                    | EHV/27/SI/CR/004         | Operational Reliability and Loss Reduction | Proposal for the replacement of outdated and old Relays in 33kV and 11kV Bays at Grid Sub-Station Sec-17, Chandigarh.   | 2026-27  | 0.2                             | 33kV CRP & 11kV AIS are with old obsolete Electromechanical Relays  | STU/Chandigarh Administration approval/concurrence required as per transfer scheme. |
| 228                    | EHV/27/SI/SR/004         | Operational Reliability and Loss Reduction | Replacement of existing Obsolete and Ageing 11kV Switchgear with latest and technologically advanced switchgears at 66/11kV Grid Substation at Sector 39, Chandigarh  | 2026-27  | 1.5                             | The existing 11 kV switchgear installed at this S/STN has been in operation for several decades, has now reached the end of its useful service life & not compatible for SCADA operations.  | STU/Chandigarh Administration approval/concurrence required as per transfer scheme. |
| 229                    | EHV/27/SI/CU/005         | Operational Reliability and Loss Reduction | Revival and Modernization of Existing obsolete & ageing 66kV Outdoor Bay with new 66 kV Outdoor Bay at Grid Sub-Station Sector 12, Chandigarh   | 2026-27  | 3.15                            | The existing 66 kV switchgear installed at this S/STN has been in operation for several decades, has now reached the end of its useful service life & not compatible for SCADA operations.  | STU/Chandigarh Administration approval/concurrence required as per transfer scheme. |
| 232                    | EHV/27/SI/CR/005         | Operational Reliability and Loss Reduction | Line Differential protection for CPDL Incomers (220kV & 66 kV) at Kishangarh, IA Ph-1, IA Ph-2, Sec-39, Sec-52 & Sec-56 GSS.  | 2026-27  | 1.97                            | Absence of Line differential Protection at 220kV & 66kV Line  | STU/Chandigarh Administration approval/concurrence required as per transfer scheme. |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category                              | Brief Description of Scheme  | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme   | Remarks to Discom   |
|------------------------|--------------------------|--|--|----------|---------------------------------|---|---|
| 250                    | EHV/27/SI/CR/002         | Operational Reliability and Loss Reduction | Replacement of outdated and old Relays in 66kV and 11kV Bays at Grid Sub-Station Sec-52, Chandigarh. | 2026-27  | 0.19                            | Existing CRP and 11kV AIS are with old obsolete Electromechanical Relays. | STU/Chandigarh Administration approval/concurrence required as per transfer scheme. |
| <b>Total Schemes :</b> |                          | <b>21</b>                                  | <b>Total Amount (In Rs. Crore):</b>  |          | <b>67.54</b>                    |   |   |

### Annexure-B

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category                        | Brief Description of Scheme  | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme   | Remarks to Discom   |
|------------------------|--------------------------|--------------------------------------|--|----------|---------------------------------|---|---|
| 221                    | EHV/27/LG/NF/005         | Network Improvement and Optimization | Construction of New 66 kV Underground Feeder 220 kV PGCIL Hallo Majra GSS to Sector-47 GSS alongwith 66 kV New Bay Errection at Sector-47 GSS  | 2026-27  | 11.55                           | To strengthen the distribution network and ensure reliable power supply in the Sector 47 area which serves mainly Residential, Govt. Offices & Commercial load located in the surrounding sectors   | New works not transferred as per transfer scheme. STU/Chandigarh Administration approval/concurrence required as per transfer scheme. |
| 231                    | EHV/27/LG/NF/004         | Network Improvement and Optimization | Construction of New 66 kV Underground Feeder 220 kV PGCIL Hallo Majra GSS to Raipur Kalan GSS.   | 2026-27  | 26.21                           | To provide 66 kV double infeed to 66/11 kV Raipur Kalan S/STN as this S/STN transferred to CPDL has no 66 kV Infeed.  | New works not transferred as per scheme. STU/Chandigarh Administration approval/concurrence required as per transfer scheme.          |
| 249                    | EHV/27/LG/NF/002         | Network Improvement and Optimization | Detailed Project Report for Construction of New 66 kV Underground Feeder 220 kV PGCIL Hallo Majra GSS to Sector-52 GSS.  | 2026-27  | 3.89                            | Sector-52 S/STN lacks N-1 contingency at 66 kV infeed level.  | New works not transferred as per scheme. STU/Chandigarh Administration approval/concurrence required as per transfer scheme.          |
| 251                    | EHV/27/LG/NF/006         | Network Improvement and Optimization | Construction of 4 Nos of 66 kV Underground Circuits From 220 kV PGCIL GSS at Hallo Majra across nearby Railway line for Evacuation of New Feeders to Various 66 kV Grid Substations in Chandigarh. | 2026-27  | 8.44                            | The project is proposed for strengthening of 66 kV evacuation infrastructure, maintaining adequate redundancy for maintenance outages, enhancing power supply reliability and stability. As Hallo Majra is across the Chandigarh-Morinda Railway line, all feeders will be routed simultaneously via an approved cable corridor to their respective GSSs. | New works not transferred as per scheme. STU/Chandigarh Administration approval/concurrence required as per transfer scheme.          |
| <b>Total Schemes :</b> |                          | <b>4</b>                             | <b>Total Amount (In Rs. Crore):</b>  |          | <b>50.09</b>                    |   |   |

### Annexure-C (Approved Schemes)

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category                        | Brief Description of Scheme   | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme   |
|------------------------|--------------------------|--------------------------------------|---|----------|---------------------------------|---|
| 14                     | D01/26/SI/FE/001         | Safety                               | Providing installation of wire fencing Mesh around the area of P/M T/Fs under the jurisdiction of S/D No. 1,2and 4 Chd.<br>Detail of P/M T/Fs<br>S/D No. 1 = 10<br>S/D No. 6 = 10<br>S/D No. 7 = 10 | 2025-26  | 0.21                            | To prevent accidental contact, unauthorized access, and physical damage to installed asset fencing of 11/0.4 kV Outdoor Distribution Substation is proposed.  |
| 20                     | D01/26/SI/RM/001         | Network Improvement and Optimization | Installation of 1no. 3 way RMU on VIP feeder in front of Punjab Governor House for network re-organisation  | 2025-26  | 0.1                             | <ul style="list-style-type: none"> <li>• Critical VVIP consumer (Punjab Governor House) requires reliable and uninterrupted power supply.</li> <li>• Existing feeders (Sector-7 and Punjab Haryana Secretariat) lack sectionalization, increasing outage risk.</li> <li>• A new RMU is needed to ensure N-1 compliance and improve power reliability in case of primary feeder faults.</li> </ul> |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category                              | Brief Description of Scheme  | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme  |
|------------------------|--------------------------|--|--|----------|---------------------------------|--|
| 21                     | D02/26/SI/SR/002         | Operational Reliability and Loss Reduction | Revamping of Shanti bhavan indoor Substation in Sub Division- 5 through Installation of Ring Main Unit(s) (RMU) in place of obsolete OCB HT Panels and Installation of 5-Way Transformer Feeder Pillar in place of old LT Outgoing Panels. | 2025-26  | 0.14                            | <ul style="list-style-type: none"> <li>• Shanti bhavan Indoor Substation experienced a major fire incident on 24.06.2023 causing severe equipment damage.</li> <li>• Three HT panels and one 750 kVA transformer were completely burnt, making the substation non-operational.</li> <li>• Power supply reliability in the affected area was severely impacted due to failure of critical assets.</li> <li>• Immediate replacement is essential to restore safe, reliable, and uninterrupted power supply.</li> </ul> |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category                              | Brief Description of Scheme  | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme   |
|------------------------|--------------------------|--|--|----------|---------------------------------|---|
| 27                     | CHD/26/SI/FI/001         | Operational Reliability and Loss Reduction | Installation of Fault passage indicators on network in Division-01   | 2025-26  | 1.56                            | <ul style="list-style-type: none"> <li>• CPDL network comprises 263 HT feeders, out of which 284 instances of feeder tripping (&gt;20 trippings) were recorded during FY 2024-25, indicating persistent fault identification and restoration challenges.</li> <li>• Around 50 critical feeders have been identified for installation of FPIs to target high interruption frequency areas and improve reliability performance.</li> <li>• Present fault detection mainly depends on manual patrolling, which increases outage duration, manpower deployment, and consumer dissatisfaction across multiple divisions.</li> <li>• Installation of FPIs will strengthen system monitoring, reduce fault tracing time, and support faster restoration across CPDL licensed network.</li> </ul> |
| 46                     | D02/26/SI/FE/002         | Safety                                     | Installation of fencing around the 11/0.4 kV Outdoor Distribution substations located in Makhan Majra & Industrial Area Phase-01 Highly dense populated area under Sub Division-05 | 2025-26  | 0.04                            | To prevent accidental contact, unauthorized access, and physical damage to installed asset fencing of 11/0.4 kV Outdoor Distribution Substation is proposed.  |
| 99                     | CIV/26/FR/CO/001         | Future-ready Infrastructure                | Construction of Store and office furnishing at Sector 52   | 2025-26  | 1.91                            | Requirement of Store for Material Management as the Store Facility of erstwhile EWEDC at BBMS has not been transferred to CPDL.   |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category               | Brief Description of Scheme   | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme  |
|------------------------|--------------------------|-----------------------------|---|----------|---------------------------------|--|
| 100                    | CIV/26/FR/IF/001         | Future-ready Infrastructure | Interior furnishing works of EHV Office at Kishangarh                   | 2025-26  | 0.77                            | Requirement of EHV Office at Kishangarh is essential. Establishment of a dedicated EHV Office will improve supervision, documentation, and operational efficiency, leading to better system management and reliable services, ultimately serving consumer interest and strengthening overall performance of the Company. |
| 101                    | CIV/26/FR/IF/002         | Future-ready Infrastructure | Interior furnishing works of Division Office at Industrial Area Phase 1 | 2025-26  | 0.11                            | Company proposes to develop office space by utilizing vacant rooms at the 66 kV Substation, Industrial Area Phase-1. Due to increased project & solar activities and staff strength.   |
| 102                    | CIV/26/FR/IF/003         | Future-ready Infrastructure | Office setup for Metering LAB at Sec 56                                 | 2025-26  | 0.83                            | CPDL has no dedicated and fully equipped in-house facility/Lab for the testing, calibration, and certification of energy meters installed across the distribution network  |
| 103                    | CIV/26/FR/CO/002         | Future-ready Infrastructure | Skill Development Centre at IA Phase-2                                  | 2025-26  | 1.97                            | CPDL currently lacks dedicated infrastructure for training center for technical/ field staffs.   |
| 104                    | EHV/26/SI/MR/001         | Future-ready Infrastructure | Revamping of 66kV EHV Grid Sub-stations in FY 2025-26 to FY 29-30       | 2025-26  | 18.00                           | During monsoon, inadequate drainage often results in waterlogging in switchyards, road, and cable trenches, increasing the risk of equipment failure and unsafe conditions. Similarly, damaged roofing, flooring, and boundary walls compromise both equipment safety and personnel security                             |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category               | Brief Description of Scheme   | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme  |
|------------------------|--------------------------|-----------------------------|---|----------|---------------------------------|--|
| 105                    | D01/26/SI/MR/001         | Future-ready Infrastructure | Revamping under 11/0.4kV Indoor Substations under Division 1 Area (approx.-67 Nos.) FY 2025-26  | 2025-26  | 1.16                            | The 11/0.4kV switchgear panel rooms, cable trenches, and transformer plinths have degraded due to continuous exposure to moisture, external environment and weather, waterlogging, improper ventilation and ageing factor. |
| 106                    | D02/26/SI/MR/001         | Future-ready Infrastructure | Revamping under 11/0.4kV Indoor Substations under Division 2 Area (approx.-34 nos.) FY 2025-26  | 2025-26  | 0.66                            | The 11/0.4kV switchgear panel rooms, cable trenches, and transformer plinths have degraded due to continuous exposure to moisture, external environment and weather, waterlogging, improper ventilation and ageing factor. |
| 107                    | D03/26/SI/MR/001         | Future-ready Infrastructure | Revamping under 11/0.4kV Indoor Substations under Division 3 Area (approx.-46 nos.) FY 2025-26  | 2025-26  | 0.99                            | The 11/0.4kV switchgear panel rooms, cable trenches, and transformer plinths have degraded due to continuous exposure to moisture, external environment and weather, waterlogging, improper ventilation and ageing factor. |
| 108                    | D04/26/SI/MR/001         | Future-ready Infrastructure | Revamping under 11/0.4kV Indoor Substations under Division 4 Area (approx.- 35 Nos.) FY 2025-26 | 2025-26  | 0.83                            | The 11/0.4kV switchgear panel rooms, cable trenches, and transformer plinths have degraded due to continuous exposure to moisture, external environment and weather, waterlogging, improper ventilation and ageing factor. |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category               | Brief Description of Scheme                       | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme   |
|------------------------|--------------------------|-----------------------------|---|----------|---------------------------------|---|
| 109                    | CIV/26/FR/MS/001         | Future-ready Infrastructure | Misc. office setup & revamping 2025-26 to 2029-30 | 2025-26  | 12.10                           | The Division and Sub-division offices transferred from EWEDC are in poor condition due to ageing, waterlogging, seepage, and roof damage, and the available seating capacity is insufficient to accommodate CPDL field staff.   |
| 110                    | TTE/26/FR/TT/001         | Future-ready Infrastructure | Tools & Testing Equipment 2025-26                 | 2025-26  | 6.3                             | In its pursuit of continual improvement and smooth functioning of O&M practices, deployment of latest technology in testing and maintenance of electrical equipment ensures prompt action, enables faster analysis of network disturbances and ensures the safety of operating personnel. |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category | Brief Description of Scheme | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme  |
|------------------------|--------------------------|---------------|-----------------------------|----------|---------------------------------|--|
| 112                    | SAF/26/SF/ST/001         | Safety        | Safety 2025-26              | 2025-26  | 2.68                            | <p>Safety during network operations is of paramount importance to protect both utility assets and human lives. To uphold this commitment, a dedicated capital expenditure is proposed for FY 2025–26, focusing on provision of Tools and PPEs for frontline employees, fencing and earthing of electrical equipment, Fire safety equipment's for skill enhancement. These initiatives aim to prevent accidental contact, unauthorized access, and physical damage to electrical infrastructure. Additionally, the strengthening of the Fire Protection and Extinguishing System is planned to safeguard equipment from fire hazards, thereby enhancing the overall safety, reliability, and resilience of the power distribution network</p> |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category                          | Brief Description of Scheme                         | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme   |
|------------------------|--------------------------|--|---|----------|---------------------------------|---|
| 113                    | MTR/26/MM/UM/001         | Overhauling of Metering Infrastructure | Metering FY 25-26 to FY 29-30                       | 2025-26  | 176.90                          | <p>1) 70,000 Mechanical Meters still exists in Chandigarh at consumer's premises</p> <p>2) Most of the mteres are obsoletem outdated and out of warranty meters</p> <p>3) Due to such obsolete meters, they are regulatory non compliant meters for TOD and KVAH Billing</p> <p>4) Meter records are Non-Downloadable and hence, prone to manual errors</p> <p>5) Un-availability of the Inhouse meter testing laboratory</p> |
| 114                    | MTR/26/MM/SI/001         | Overhauling of Metering Infrastructure | Revamping of LT Meter Panels and LT CT Meter Panels | 2025-26  | 2.90                            | <p>Aged infrastructures like coroded LT and LTCT iron panels, deteriorated busbar systems, loose or exposed secondary wiring, unsafe and damaged meter enclosures, illegal apping points, and poorly dressed or weakened cables contributing to safety concerns, inaccurate metering, increased technical losses, and inconsistent field maintenance and needs revamping.</p>   |
| 117                    | NSC/26/LG/NC/001         | Overhauling of Metering Infrastructure | New Service FY 25-26                                | 2025-26  | 15.62                           | <p>Providing supply of new consumers as per regulatory compliance.</p> <p>This Capex work would be carried out through consumer contribution</p>  |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category                              | Brief Description of Scheme  | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme   |
|------------------------|--------------------------|--|--|----------|---------------------------------|---|
| 122                    | D04/26/SI/SR/001         | Operational Reliability and Loss Reduction | Installation of Ring Main Unit (RMU) in place of obsolete OCB HT Panels and Replacement of LT Outgoing Panel with 5-way Transformer Feeder Pillar inside Indoor Substations of Sub Div. 9 & 10 Chandigarh. | 2025-26  | 6.13                            | <ul style="list-style-type: none"> <li>Existing OCB HT panels are obsolete and maintenance-intensive.</li> <li>Old LT panels lack modern protection and fault isolation features.</li> <li>Increased safety risk and longer fault restoration time.</li> <li>Equipment does not meet present-day protection standards.</li> </ul> |
| 164                    | D01/27/SI/FE/001         | Safety                                     | Providing installation of wire fencing Mesh around the area of P/M T/Fs under the jurisdiction of S/D No. 1,2and 4 Chd.<br>Detail of P/M T/Fs<br>S/D No. 1 = 10<br>S/D No. 6 = 10<br>S/D No. 7 = 10        | 2026-27  | 0.21                            | To prevent accidental contact, unauthorized access, and physical damage to installed asset fencing of 11/0.4 kV Outdoor Distribution Substation is proposed.  |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category                              | Brief Description of Scheme  | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme  |
|------------------------|--------------------------|--|--|----------|---------------------------------|--|
| 167                    | D01/27/SI/FP/004         | Operational Reliability and Loss Reduction | Replacement of damaged/ bypassed feeder pillars in Division-01.  | 2026-27  | 0.36                            | <ul style="list-style-type: none"> <li>Existing LT feeder pillars in Division-01 have been in service for more than two decades and are severely corroded, structurally weakened, and partially bypassed, leading to frequent faults, overheating, and unreliable LT supply.</li> <li>Deteriorated insulation, water ingress, and exposed/loose terminations pose high risk of short circuits, fire hazards, and public safety concerns, making immediate replacement essential.</li> <li>The existing panels do not comply with modern safety and operational standards, increasing maintenance difficulties, operational risk, and supply interruptions to consumers.</li> </ul> |
| 168                    | D01/26/SI/SR/001         | Operational Reliability and Loss Reduction | Replacement of existing LT Panel Board in indoor Substation under jurisdiction of Sub Division 02 & 04 Division 01 | 2026-27  | 0.84                            | <ul style="list-style-type: none"> <li>Existing LT panels are Oil Circuit Breaker (OCB) type and aged over three decades, making them prone to failure.</li> <li>Frequent maintenance issues and risk of outages are affecting reliable power supply to connected consumers.</li> <li>Replacement is necessary to improve operational safety, ensure uninterrupted supply, and meet current electrical standards.</li> </ul>   |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category                              | Brief Description of Scheme  | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme  |
|------------------------|--------------------------|--|--|----------|---------------------------------|--|
| 169                    | D01/27/SI/RM/001         | Network Improvement and Optimization       | <p>Providing 20 nos of RMUs of 630 Amp. Rating 3 way type on 11 KV feeders and ring main sources emanating from respective 66/33 GSS and to further improve the system efficiency. (Site: - On point of T-off and duplicate supply on existing structures to regulate effectively RMUs will serve the purpose)</p> <p>Location: - Total No. of 11 KV feeders Total 87)<br/> S/D No. 1 = 15 (4 nos of RMU Proposed in S/D no.1 )<br/> S/D No. 2 = 29 (8 nos of RMU Proposed in S/D no.2 )<br/> S/D No. 4 = 43 (8 nos of RMU Proposed in S/D no.4 )<br/> (Proposal @ 20)</p> | 2025-26  | 1.94                            | <ul style="list-style-type: none"> <li>Existing 11 kV feeders are predominantly radial and extend over long distances, limiting network flexibility.</li> <li>Fault isolation and switching during outages is difficult, causing prolonged interruptions to consumers.</li> <li>Installation of RMUs is required to improve sectionalization, reliability, and uninterrupted power supply.</li> </ul>                                |
| 170                    | D01/27/SI/SR/001         | Operational Reliability and Loss Reduction | <p>Replacement of existing LT Panel Board in indoor Substation under jurisdiction of Sub Division 02 &amp; 04 Division 01.</p>   | 2025-26  | 1.28                            | <ul style="list-style-type: none"> <li>Existing LT panels are Oil Circuit Breaker (OCB) type and aged over three decades, increasing risk of failure.</li> <li>Frequent maintenance issues and unreliability are affecting power supply to consumers across multiple sectors.</li> <li>Replacement is necessary to enhance operational safety, ensure uninterrupted supply, and comply with current electrical standards.</li> </ul> |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category                              | Brief Description of Scheme  | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme   |
|------------------------|--------------------------|--|--|----------|---------------------------------|---|
| 178                    | D02/27/SI/SR/001         | Operational Reliability and Loss Reduction | Revamping of plot no 434 & 342 indoor Substation in Sub Division- 5 through Installation of Ring Main Unit(s) (RMU) in place of obsolete OCB HT Panels and Installation of 5-Way Transformer Feeder Pillar in place of old LT Outgoing Panels. | 2026-27  | 0.41                            | <ul style="list-style-type: none"> <li>• 2 x 800 kVA transformers currently fed by 3 HT panels (servicable) and 6 LT panels (not servicable), in the indoor substation located at [specific site if available].</li> <li>• Existing LT panels are unsafe and cause operational risks, affecting the 2 transformers.</li> <li>• Panels are inadequate to support reliable operation during faults or high load.</li> <li>• Replacement ensures safe, reliable, and efficient operation of the indoor substation and transformers.</li> </ul> |
| 179                    | D02/27/SI/FE/001         | Safety                                     | Providing Fencing around the 11/0.4kV outdoor distribution substations located in in Vikash-Nagar & NAC, IA Phase 1 & 2 densely populated area of Mani Majra under Sub Division-08   | 2026-27  | 0.1                             | To prevent accidental contact, unauthorized access, and physical damage to installed asset fencing of 11/0.4 kV Outdoor Distribution Substation is proposed.  |
| 186                    | D03/27/SI/FE/001         | Safety                                     | Supply and Installation of Chain Link Fencing for Pole mounted Transformer's for enhancing the Safety around the DT structure under the jurisdiction of CPDL 'OP' Division 3.  | 2026-27  | 0.89                            | To prevent accidental contact, unauthorized access, and physical damage to installed asset fencing of 11/0.4 kV Outdoor Distribution Substation is proposed.  |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category                        | Brief Description of Scheme   | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme   |
|------------------------|--------------------------|--------------------------------------|---|----------|---------------------------------|---|
| 206                    | D04/27/SI/RM/001         | Network Improvement and Optimization | New RMU Installation for 11kV connection and tapping of transformer and T-Off in various location of sub division 9 & 10  | 2026-27  | 3.01                            | <ul style="list-style-type: none"> <li>Existing 11kV feeders in Subdivision 9 &amp; 10 are operating in long radial configuration, resulting in limited switching flexibility and large-scale outages during faults and maintenance activities.</li> <li>Lack of adequate sectionalizing points causes wide outage areas and longer restoration time, affecting supply reliability and operational efficiency of the distribution network.</li> <li>Installation of 40 strategically located RMUs will enable ring connectivity between adjoining feeders, allowing localized outage management, load transfer, and improved network reliability with optimized system control and redundancy.</li> </ul> |
| 208                    | D04/27/SI/SR/001         | Network Improvement and Optimization | Installation of Ring Main Unit (RMU) in place of obsolete OCB HT Panels and Replacement of LT Outgoing Panel with 5-way Transformer Feeder Pillar inside Indoor Substations of Sub Div. 9 | 2026-27  | 1.68                            | <ul style="list-style-type: none"> <li>Indoor S/S in Sub-Div-9 has obsolete OCB HT panels &amp; old LT outgoing panels</li> <li>High maintenance frequency, slow fault isolation</li> <li>Safety risks during switching operations</li> </ul>   |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category                        | Brief Description of Scheme  | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme  |
|------------------------|--------------------------|--------------------------------------|--|----------|---------------------------------|--|
| 209                    | D04/27/SI/SR/002         | Network Improvement and Optimization | Installation of Ring Main Unit (RMU) in place of obsolete OCB HT Panels and Replacement of LT Outgoing Panel with 5-way Transformer Feeder Pillar inside Indoor Substations of Sub Div. 10 | 2026-27  | 0.37                            | <ul style="list-style-type: none"> <li>• Existing indoor substations are equipped with OCB-based HT panels and aged LT outgoing panels operating for more than 30 years, which have become obsolete, unsafe, and unreliable for present load conditions.</li> <li>• OCB panels involve oil-based interruption which is prone to oil leakage, carbonization, fire hazards, frequent maintenance, and higher risk of equipment failure, while existing LT panels are undersized and causing overheating and tripping.</li> <li>• Replacement is essential to improve operational safety, ensure reliable supply continuity, cater to present and future load growth, and comply with modern electrical safety and automation standards.</li> </ul> |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category                        | Brief Description of Scheme   | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme  |
|------------------------|--------------------------|--------------------------------------|---|----------|---------------------------------|--|
| 210                    | D04/27/SI/SR/003         | Network Improvement and Optimization | Revamping of Indoor Substations in Sub Division- 10 through Installation of Ring Main Unit(s) (RMU) in place of obsolete OCB HT Panels. | 2026-27  | 0.96                            | <ul style="list-style-type: none"> <li>• Existing indoor substations are operating with OCB-based HT panels installed more than 30 years ago, which have become obsolete and are increasingly prone to failures, safety hazards, and operational unreliability.</li> <li>• Oil-based OCB switching system is susceptible to oil leakage, carbonization, fire hazards, and high maintenance downtime, increasing risk to equipment, field staff, and public safety.</li> <li>• Replacement with modern RMUs is necessary to ensure reliable power supply, reduce outage risk, improve operational efficiency, and comply with modern safety, automation, and electrical standards.</li> </ul> |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category                        | Brief Description of Scheme   | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme   |
|------------------------|--------------------------|--------------------------------------|---|----------|---------------------------------|---|
| 215                    | D04/27/SI/SR/004         | Network Improvement and Optimization | Revamping of Indoor Substations in Sub Division- 10 through Installation of Ring Main Unit(s) (RMU) in place of obsolete OCB HT Panels. | 2026-27  | 0.27                            | <ul style="list-style-type: none"> <li>Existing indoor substations are equipped with OCB-based HT panels operating for over 30 years, which have become obsolete and increasingly prone to breakdowns, operational unreliability, and safety hazards.</li> <li>Oil-based interruption system in OCB panels is susceptible to oil leakage, carbonization, fire hazards, and high maintenance downtime, posing risk to equipment, operating staff, and consumer supply continuity.</li> <li>Replacement with modern RMUs is essential to improve supply reliability, reduce maintenance challenges, enhance operator safety, and comply with current electrical safety and automation standards.</li> </ul> |
| 233                    | D01/27/SI/MR/001         | Future-ready Infrastructure          | Revamping under 11/0.4kV Indoor Substations under Division 1 Area (approx.-67 Nos.) FY 2026-27  | 2026-27  | 2.48                            | The 11/0.4kV switchgear panel rooms, cable trenches, and transformer plinths have degraded due to continuous exposure to moisture, external environment and weather, waterlogging, improper ventilation and ageing factor.  |
| 234                    | D02/27/SI/MR/001         | Future-ready Infrastructure          | Revamping under 11/0.4kV Indoor Substations under Division 2 Area (approx.-34 nos.) FY 2026-27  | 2026-27  | 1.65                            | The 11/0.4kV switchgear panel rooms, cable trenches, and transformer plinths have degraded due to continuous exposure to moisture, external environment and weather, waterlogging, improper ventilation and ageing factor.  |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category               | Brief Description of Scheme   | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme   |
|------------------------|--------------------------|-----------------------------|---|----------|---------------------------------|---|
| 236                    | D04/27/SI/MR/001         | Future-ready Infrastructure | Revamping under 11/0.4kV Indoor Substations under Division 4 Area (approx.- 35 Nos.) FY 2026-27   | 2026-27  | 1.65                            | The 11/0.4kV switchgear panel rooms, cable trenches, and transformer plinths have degraded due to continuous exposure to moisture, external environment and weather, waterlogging, improper ventilation and ageing factor.  |
| 237                    | CIV/27/FR/CO/002         | Future-ready Infrastructure | Construction of Transformer Workshop with office at Industrial Area Phase I   | 2026-27  | 2.07                            | Transformer workshop not available, A dedicated transformer workshop is essential for timely repair, maintenance, and testing of transformers, ensuring reliable power supply and minimizing downtime.  |
| 238                    | CIV/27/FR/CO/003         | Future-ready Infrastructure | Construction of Scrap Store at Industrial Area Phase II   | 2026-27  | 0.3                             | Scrap store not available, A dedicated scrap store is essential for proper storage, segregation, and management of defective or obsolete electrical materials and equipment.  |
| 239                    | TTE/27/FR/TT/001         | Future-ready Infrastructure | Tools & Testing Equipment 2026-27   | 2026-27  | 1.59                            | In its pursuit of continual improvement and smooth functioning of O&M practices, deployment of latest technology in testing and maintenance of electrical equipment ensures prompt action, enables faster analysis of network disturbances and ensures the safety of operating personnel. |
| 58                     | D03/26/SI/FE/002         | Safety                      | Supply and Installation of Chain-Link Fencing for Pole mounted Transformer's for enhancing the Safety around the DT structure under the jurisdiction of CPDL 'OP' Division 3. | 2025-26  | 0.89                            | To prevent accidental contact, unauthorized access, and physical damage to installed asset fencing of 11/0.4 kV Outdoor Distribution Substation is proposed.  |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category               | Brief Description of Scheme  | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme  |
|------------------------|--------------------------|-----------------------------|--|----------|---------------------------------|--|
| 70                     | D04/26/SI/FE/001         | Safety                      | Providing & installation of wire fencing mesh around the area of 11/0.4 kV Outdoor Distribution Substation under the jurisdiction of sub division 9 &10 in Division 4, Chandigarh. | 2025-26  | 3.25                            | To prevent accidental contact, unauthorized access, and physical damage to installed asset fencing of 11/0.4 kV Outdoor Distribution Substation is proposed.   |
| 111                    | ITR/26/TA/IT/001         | Technology Adoption         | IT 2025-26   | 2025-26  | 13.23                           | The scheme modernizes power distribution by improving consumer services, ensuring regulatory compliance, strengthening data security, reducing manual work, and enabling reliable, efficient, and sustainable operations.  |
| 116                    | GIS/26/TA/GI/001         | Technology Adoption         | GIS  | 2025-26  | 7.62                            | The adaptation of GIS and latest technologies to create network model for asset monitoring, planning, analysis, consumer indexing etc.   |
| 235                    | D03/27/SI/MR/001         | Future-ready Infrastructure | Revamping under 11/0.4kV Indoor Substations under Division 3 Area (approx.-46 nos.) FY 2026-27   | 2026-27  | 1.65                            | The 11/0.4kV switchgear panel rooms, cable trenches, and transformer plinths have degraded due to continuous exposure to moisture, external environment and weather, waterlogging, improper ventilation and ageing factor. |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category                              | Brief Description of Scheme  | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme   |
|------------------------|--------------------------|--|--|----------|---------------------------------|---|
| 191                    | D03/27/SI/SR/002         | Operational Reliability and Loss Reduction | Installation of Ring Main Unit (RMU) in place of obsolete OCB HT Panels and replacement of LT Outgoing Panel with 5-way Transformer Feeder Pillar inside Indoor Substations under jurisdiction of Sub Division 3 | 2026-27  | 1.3                             | <ul style="list-style-type: none"> <li>Existing OCB HT panels have become obsolete and unsafe due to ageing oil insulation and worn mechanical parts.</li> <li>High maintenance downtime and frequent failures observed.</li> <li>Existing LT panels lack adequate feeder capacity for present and future loads.</li> </ul> |
| 192                    | D03/27/SI/SR/003         | Operational Reliability and Loss Reduction | Installation of Ring Main Unit (RMU) in place of obsolete OCB HT Panels and Replacement of LT Outgoing Panel with 5-way Transformer Feeder Pillar inside Indoor Substations of Sub Division 6.                   | 2026-27  | 0.96                            | <ul style="list-style-type: none"> <li>OCB panels have exceeded service life, increasing risk of HT faults and prolonged outages.</li> <li>Frequent maintenance intervention required due to oil leakage and contact degradation.</li> <li>Existing LT panels inadequate for load expansion.</li> </ul>                     |
| 193                    | D03/27/SI/SR/004         | Operational Reliability and Loss Reduction | Installation of Ring Main Unit (RMU) in place of obsolete OCB HT Panels and Replacement of LT Outgoing Panel with 5-way Transformer Feeder Pillar inside Indoor Substations of Sub Division 6                    | 2026-27  | 0.68                            | <ul style="list-style-type: none"> <li>Ageing OCB panels pose safety hazards and operational constraints.</li> <li>Increased probability of internal HT faults due to insulation degradation.</li> <li>Existing LT panels do not support present loading pattern.</li> </ul>  |
| 194                    | D03/27/SI/SR/005         | Operational Reliability and Loss Reduction | Installation of Ring Main Unit (RMU) in place of obsolete OCB HT Panels and Replacement of LT Outgoing Panel with 5-way Transformer Feeder Pillar inside Indoor Substations of Sub Division 7                    | 2026-27  | 0.45                            | <ul style="list-style-type: none"> <li>Obsolete OCB panels are prone to failures and unsafe operation.</li> <li>High maintenance effort and unavailability of spare parts.</li> <li>LT panels inadequate for present load levels.</li> </ul>  |

| S.No As per Petitioner | Proposal No./ Scheme No. | Main Category                              | Brief Description of Scheme  | CAPEX FY | Estimated Scheme Cost (Rs. Cr.) | Necessity of the Scheme   |
|------------------------|--------------------------|--|--|----------|---------------------------------|---|
| 195                    | D03/27/SI/RM/006         | Operational Reliability and Loss Reduction | Installation of Ring Main Unit (RMU) in place of obsolete OCB HT Panels and Replacement of LT Outgoing Panel with 5-way Transformer Feeder Pillar inside Indoor Substations of Sub Division 7. | 2026-27  | 0.6                             | <ul style="list-style-type: none"> <li>• Existing OCB panels have become operationally unreliable and unsafe.</li> <li>• Increased fault risk and downtime affecting consumers.</li> <li>• LT panels lack scalability.</li> </ul> |
| 98                     | EHV/26/SI/BR/001         | Operational Reliability and Loss Reduction | Replacement of Battery and Battery Charger of various GSS under CPDL Licensee Area   | 2025-26  | 0.96                            | Old & deteriorated condition of Battery & Battery charger at various GSS  |
| 230                    | EHV/27/SI/BR/001         | Operational Reliability and Loss Reduction | Replacement of Battery and Battery Charger of various GSS under CPDL Licensee Area   | 2026-27  | 0.21                            | Old & deteriorated condition of Battery & Battery charger at various GSS  |
| <b>Total Schemes :</b> |                          | <b>53</b>                                  | <b>Total Amount (in Rs. Crore):</b>  |          | <b>305.77</b>                   |   |