

National Load Despatch Centre, New Delhi
Cross Border Transfer Capability for November 2025

Issue Date: 28 November 2024

Issue Time: 1500 hrs

Revision No. 0

| Cross-Border Corridor | Date | Time Period in IST (hrs) | TTC | Reliability Margin | Available Transfer Capability (ATC) | General Network Access (GNA) | Margin Available for T-GNA | Changes in TTC w.r.t. Last Revision | Limiting constraint | Comments |
|--|-------------------------------|--------------------------|------|--------------------|-------------------------------------|------------------------------|----------------------------|-------------------------------------|--|----------|
| India (ER ISTS) to Bangladesh * | 1st Nov 2025 to 30th Nov 2025 | 00:00-17:00 | 1000 | 0 | 1000 | 982 | 18 | | Limited to HVDC Bherama-Behrapore rated capacity | |
| | | 17:00-21:00 | 1000 | | 1000 | 982 | 18 | | | |
| | | 21:00-24:00 | 1000 | | 1000 | 982 | 18 | | | |
| Bangladesh to India (ER ISTS) * | 1st Nov 2025 to 30th Nov 2025 | 00:00-17:00 | 1000 | 0 | 1000 | 0 | 1000 | | Limited to HVDC Bherama-Behrapore rated capacity | |
| | | 17:00-21:00 | 1000 | | 1000 | 0 | 1000 | | | |
| | | 21:00-24:00 | 1000 | | 1000 | 0 | 1000 | | | |
| India (Tripura) to Bangladesh # | 1st Nov 2025 to 30th Nov 2025 | 00:00-17:00 | 200 | - | 200 | 0 | 200 | | Limited to terminal bay rating at 132 kV Surjamaninagar (TSCL) | |
| | | 17:00-21:00 | 200 | | 200 | 0 | 200 | | | |
| | | 21:00-24:00 | 200 | | 200 | 0 | 200 | | | |
| Bangladesh to India (Tripura) # | 1st Nov 2025 to 30th Nov 2025 | 00:00-17:00 | 200 | - | 200 | 0 | 200 | | Limited to terminal bay rating at 132 kV Surjamaninagar (TSCL) | |
| | | 17:00-21:00 | 200 | | 200 | 0 | 200 | | | |
| | | 21:00-24:00 | 200 | | 200 | 0 | 200 | | | |
| India (ER ISTS & NER ISTS) to Bhutan * | 1st Nov 2025 to 30th Nov 2025 | 00:00-17:00 | 1100 | 0 | 1100 | 0 | 1100 | | 1. N-1 of Chukha-Birpara will overload the other circuit 2. Outage of any circuit of 220 kV Birpara - Alipurduar D/C will overload the other circuit, 3. The outage of any one circuit of 220 kV Birpara-Chukha D/C will overload 220 kV Birpara – Malbase 4. Low Voltage in NER system | |
| | | 17:00-21:00 | 1100 | | 1100 | 0 | 1100 | | | |
| | | 21:00-24:00 | 1100 | | 1100 | 0 | 1100 | | | |
| Bhutan to India (ER ISTS) * | 1st Nov 2025 to 30th Nov 2025 | 00:00-17:00 | 2380 | 50 | 2330 | 2185 | 145 | | N-1 of Chukha-Birpara will overload the other circuit | |
| | | 17:00-21:00 | 2380 | | 2330 | 2185 | 145 | | | |
| | | 21:00-24:00 | 2380 | | 2330 | 2185 | 145 | | | |

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|------------------------------|-------------------------------|--------------------------|-----|--------------------|-------------------------------------|------------------------------|----------------------------|-------------------------------------|---|----------|
| Bhutan to India (NER ISTS) * | 1st Nov 2025 to 30th Nov 2025 | 00:00-17:00 | 158 | - | 158 | 0 | 158 | | Limited to loading upto the thermal limit of 132 kV Salaktai-Gelephu & 132 kV Rangia-Motonga | |
| | | 17:00-21:00 | 158 | | 158 | 0 | 158 | | | |
| | | 21:00-24:00 | 158 | | 158 | 0 | 158 | | | |
| India (Bihar) to Nepal ## | 1st Nov 2025 to 30th Nov 2025 | 00:00-17:00 | 300 | 0 | 300 | 0 | 300 | -95 | (i) Overloading of 220/132kv, 3x160MVA ICTs at Kishanganj. (ii) Limited to thermal limit of 132 kV Raxual Parwanipur D/C. (iii) Limited to thermal limit of 132 KV Bettiah - Ramnagar, 132 KV Bettia - Thakraha 132 KV Bettiah – Narkatiyaganj lines. | |
| | | 17:00-21:00 | 300 | | 300 | 0 | 300 | -95 | | |
| | | 21:00-24:00 | 300 | | 300 | 0 | 300 | -95 | | |
| India (NR ISTS) to Nepal * | 1st Nov 2025 to 30th Nov 2025 | 00:00-17:00 | 80 | - | 80 | 0 | 80 | | Limited to ampacity of 132 kV Tanakpur-Mahendranagar S/C line | |
| | | 17:00-21:00 | 80 | | 80 | 0 | 80 | | | |
| | | 21:00-24:00 | 80 | | 80 | 0 | 80 | | | |
| India (UP) to Nepal ### | 1st Nov 2025 to 30th Nov 2025 | 00:00-24:00 | 50 | 0 | 50 | 0 | 50 | | Overloading of 132 kV Anand Nagar – New Nautanwa under outage of 132 kV New Nautanwa – Bansi S/C. | |
| Nepal to India (NR ISTS) * | 1st Nov 2025 to 30th Nov 2025 | 00:00-17:00 | 80 | 0 | 80 | 0 | 80 | | Limited to ampacity of 132 kV Tanakpur-Mahendranagar S/C line | |
| | | 17:00-21:00 | 80 | | 80 | 0 | 80 | | | |
| | | 21:00-24:00 | 80 | | 80 | 0 | 80 | | | |
| India (ER ISTS) to Nepal * | 1st Nov 2025 to 30th Nov 2025 | 00:00-17:00 | 800 | 0 | 800 | 0 | 800 | | Limited on account of transformation capacity at 400/220 kV Dhalkebar S/s | |
| | | 17:00-21:00 | 800 | | 800 | 0 | 800 | | | |
| | | 21:00-24:00 | 800 | | 800 | 0 | 800 | | | |
| Nepal to India (ER ISTS) * | 1st Nov 2025 to 30th Nov 2025 | 00:00-17:00 | 800 | 0 | 800 | 0 | 800 | | Limited on account of transformation capacity at 400/220 kV Dhalkebar S/s | |
| | | 17:00-21:00 | 800 | | 800 | 0 | 800 | | | |
| | | 21:00-24:00 | 800 | | 800 | 0 | 800 | | | |

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|-------------------------------|-------------------------------|--------------------------|-----|--------------------|-------------------------------------|------------------------------|----------------------------|-------------------------------------|--|----------|
| India (Manipur) to Myanmar # | 1st Nov 2025 to 30th Nov 2025 | 00:00-17:00 | 3.4 | - | 3.4 | 0 | 3.4 | | Limited to loading upto the thermal limit of 11 kV Moreh -Tamu | |
| | | 17:00-21:00 | 3.4 | | 3.4 | 0 | 3.4 | | | |
| | | 21:00-24:00 | 3.4 | | 3.4 | 0 | 3.4 | | | |
| Myanmar to India (Manipur) # | 1st Nov 2025 to 30th Nov 2025 | 00:00-17:00 | 3.4 | - | 3.4 | 0 | 3.4 | | Limited to loading upto the thermal limit of 11 kV Moreh -Tamu | |
| | | 17:00-21:00 | 3.4 | | 3.4 | 0 | 3.4 | | | |
| | | 21:00-24:00 | 3.4 | | 3.4 | 0 | 3.4 | | | |

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| Note 1: | In case of operation of SPS, Transfer Capability will be revised accordingly. |
| Note 2: | Schedule between India and Bangladesh will be prepared using the above table till the next revision |
| Note 3: | Transfer Capability between India and Bangladesh in the above table has been evaluated ignoring the constraints from Bangladesh side. |
| Note 4: | Deemed GNA of Bangladesh from India is considered as 300 MW from DVC, 450 MW from Sembeorp Energy India Limited and 232 MW from ISGS allocation (excluding auxiliaries+losses). |
| Note 5: | * ISTS to cross-border TTC/ATC is for security & market purpose. |
| Note 6: | # Intra-state to cross-border TTC/ATC is for security purpose only |
| Note 7: | ## TTC is the sum of individual maximum permissible load as Nepal is fed radially & declared by SLDC Bihar. |
| Note 8: | ### The transfer capability from UP to Nepal through 132 kV Nautanwa – Mainhiya D/C line |
| Note 9: | The above limits are considering the network limitation on Indian side. In case cross-border NLDC also declare the TTC/ATC considering the network limitation on their respective side, the lower of this values vs values in above table would be reckoned for the purpose of scheduling. |
| Note 10 : | In case any other constraint would be intimated by respective cross-border NLDC, these figures would be revised accordingly. |
| Note 11 : | NLDC India would approve the transactions in line with the GOI guidelines of Dec 2018, CERC Cross Border regulations and the CBTE procedure issued by DA. |
| | http://powermin.nic.in/sites/default/files/uploads/Guidelines_for_ImportExport_Cross%20Border_of_Electricity_2018.pdf |
| | http://www.cercind.gov.in/2019/regulation/CBTE-Regulations2019.pdf |
| | https://cea.nic.in/wp-content/uploads/2021/02/Final_DA_Procedure_26022021.pdf |

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| Revision No | Date of Revision | Period of Revision | Reason for Revision |
|--------------------|-------------------------|---------------------------|----------------------------|
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