

**National Load Despatch Centre, New Delhi**  
**Cross Border Transfer Capability for April 2021**

Issue Date: 24th March 2021

Issue Time: 1800 hrs

Revision No. 0

| Cross-Border Corridor           | Date                              | Time Period in IST (hrs) | TTC  | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) # | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Limiting constraint  | Comments |
|---------------------------------|-----------------------------------|--------------------------|------|--------------------|-------------------------------------|--|--|-------------------------------------|--|----------|
| India (ER ISTS) to Bangladesh * | 1st April 2021 to 30th April 2021 | 00:00-17:00              | 1000 | 0                  | 1000                                | 760  | 240  |                                     | Limited to HVDC Bherama-Behrampore rated capacity              |          |
|                                 |                                   | 17:00-21:00              | 1000 |                    | 1000                                | 760  | 240  |                                     |  |          |
|                                 |                                   | 21:00-24:00              | 1000 |                    | 1000                                | 760  | 240  |                                     |  |          |
| Bangladesh to India (ER ISTS) * | 1st April 2021 to 30th April 2021 | 00:00-17:00              | 1000 | 0                  | 1000                                | 0  | 1000   |                                     | Limited to HVDC Bherama-Behrampore rated capacity              |          |
|                                 |                                   | 17:00-21:00              | 1000 |                    | 1000                                | 0  | 1000   |                                     |  |          |
|                                 |                                   | 21:00-24:00              | 1000 |                    | 1000                                | 0  | 1000   |                                     |  |          |
| India (Tripura) to Bangladesh # | 1st April 2021 to 30th April 2021 | 00:00-17:00              | 200  | -                  | 200                                 | As per legacy contracts between Bangladesh & Tripura     | -  |                                     | Limited to terminal bay rating at 132 kV Surjamaninagar (TSCL) |          |
|                                 |                                   | 17:00-21:00              | 200  |                    | 200                                 |  | -  |                                     |  |          |
|                                 |                                   | 21:00-24:00              | 200  |                    | 200                                 |  | -  |                                     |  |          |

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| <b>Cross-Border Corridor</b>    | <b>Date</b>                       | <b>Time Period in IST (hrs)</b> | <b>TTC</b> | <b>Reliability Margin</b> | <b>Available Transfer Capability (ATC)</b> | <b>Long Term Access (LTA)/ Medium Term Open Access (MTOA) #</b> | <b>Margin Available for Short Term Open Access (STOA)</b> | <b>Changes in TTC w.r.t. Last Revision</b> | <b>Limiting constraint</b>  | <b>Comments</b> |
|---------------------------------|-----------------------------------|---------------------------------|------------|---------------------------|--|---|---|--|---|-----------------|
| Bangladesh to India (Tripura) # | 1st April 2021 to 30th April 2021 | 00:00-17:00                     | 200        | -                         | 200  | As per legacy contracts between Bangladesh & Tripura            | -   |  | Limited to terminal bay rating at 132 kV Surjamaninagar (TSCL)                  |                 |
|                                 |                                   | 17:00-21:00                     | 200        |                           | 200  |   | -   |  |   |                 |
|                                 |                                   | 21:00-24:00                     | 200        |                           | 200  |   | -   |  |   |                 |
| India (ER ISTS) to Bhutan *     | 1st April 2021 to 30th April 2021 | 00:00-17:00                     | 550        | 10                        | 540  | 0   | 540   |  | Outage of 400 kV Binaguri-Malbase S/C will over load 220 kV Birpara-Malbase S/C |                 |
|                                 |                                   | 17:00-21:00                     | 550        |                           | 540  | 0   | 540   |  |   |                 |
|                                 |                                   | 21:00-24:00                     | 550        |                           | 540  | 0   | 540   |  |   |                 |

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|-------------------------------|-----------------------------------|--------------------------|------|--------------------|-------------------------------------|--|--|-------------------------------------|---|----------|
| Bhutan to India (ER ISTS) *   | 1st April 2021 to 30th April 2021 | 00:00-17:00              | 2380 | 50                 | 2350                                | 2196   | 154  |                                     | N-1 of Chukha-Birpara will overload the other circuit                           |          |
|                               |                                   | 17:00-21:00              | 2380 |                    | 2350                                | 2196   | 154  |                                     |   |          |
|                               |                                   | 21:00-24:00              | 2380 |                    | 2350                                | 2196   | 154  |                                     |   |          |
| India (NER ISTS ) to Bhutan * | 1st April 2021 to 30th April 2021 | 00:00-17:00              | 158  | -                  | 158                                 | 0  | 158  |                                     | Limited to overloading 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  |                                     |   |          |
| Bhutan to India (NER ISTS ) * | 1st April 2021 to 30th April 2021 | 00:00-17:00              | 158  | -                  | 158                                 | 0  | 158  |                                     | Limited to overloading 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  |                                     |   |          |

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|----------------------------|-----------------------------------|--------------------------|-----|--------------------|-------------------------------------|--|--|-------------------------------------|---|----------|
| India (Bihar ) to Nepal ## | 1st April 2021 to 30th April 2021 | 00:00-17:00              | 395 | 7.9                | 387.1                               | AS per legacy contracts between Nepal & Bihar            | -  |                                     | (i) Constraints at 220/132kv, 2x160MVA ICTs at Kishanganj New<br>(ii) Constraints at 132KV D/C Supaul-Madhepura & 132KV D/C Supaul-Laukahi T/L<br>(iii) Cconstraint at 132kv Ramnagar-Surajpura T/L<br>(iv) Constraint at 132kv D/C Raxaul-DMTCL (Motihari) T/L |          |
|                            |                                   | 17:00-21:00              | 395 |                    | 387.1                               |  | -  |                                     |   |          |
|                            |                                   | 21:00-24:00              | 395 |                    | 387.1                               |  | -  |                                     |   |          |
| India (NR ISTS) to Nepal * | 1st April 2021 to 30th April 2021 | 00:00-17:00              | 65  | -                  | 65                                  | 14   | 51   |                                     | Limited to ampacity of 132 kV Tanakpur-Mahendranagar S/C line   |          |
|                            |                                   | 17:00-21:00              | 65  |                    | 65                                  | 14   | 51   |                                     |   |          |
|                            |                                   | 21:00-24:00              | 65  |                    | 65                                  | 14   | 51   |                                     |   |          |
| Nepal to India (NR ISTS) * | 1st April 2021 to 30th April 2021 | 00:00-17:00              | 65  | 0                  | 65                                  | 0  | 65   |                                     | Limited to ampacity of 132 kV Tanakpur-Mahendranagar S/C line   |          |
|                            |                                   | 17:00-21:00              | 65  |                    | 65                                  | 0  | 65   |                                     |   |          |
|                            |                                   | 21:00-24:00              | 65  |                    | 65                                  | 0  | 65   |                                     |   |          |

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|-------------------------------|-----------------------------------|--------------------------|-----|--------------------|-------------------------------------|--|--|-------------------------------------|---|----------|
| India (ER ISTS ) to Nepal *   | 1st April 2021 to 30th April 2021 | 00:00-17:00              | 350 | 0                  | 350                                 | 0  | 350  |                                     | Limited on account of transformation capacity at 220/132 kV Dhalkebar S/s |          |
|                               |                                   | 17:00-21:00              | 350 |                    | 350                                 | 0  | 350  |                                     |   |          |
|                               |                                   | 21:00-24:00              | 350 |                    | 350                                 | 0  | 350  |                                     |   |          |
| Nepal to India (ER ISTS ) *   | 1st April 2021 to 30th April 2021 | 00:00-17:00              | 350 | 0                  | 350                                 | 0  | 350  |                                     | Limited on account of transformation capacity at 220/132 kV Dhalkebar S/s |          |
|                               |                                   | 17:00-21:00              | 350 |                    | 350                                 | 0  | 350  |                                     |   |          |
|                               |                                   | 21:00-24:00              | 350 |                    | 350                                 | 0  | 350  |                                     |   |          |
| India (Manipur ) to Myanmar # | 1st April 2021 to 30th April 2021 | 00:00-17:00              | 3.4 | -                  | 3.4                                 | As per legacy contracts between Myanmar & Manipur        | -  |                                     | Limited to overloading limit of 11 kV Moreh -Tamu                         |          |
|                               |                                   | 17:00-21:00              | 3.4 |                    | 3.4                                 |  | -  |                                     |   |          |
|                               |                                   | 21:00-24:00              | 3.4 |                    | 3.4                                 |  | -  |                                     |   |          |
| Myanmar to India (Manipur ) # | 1st April 2021 to 30th April 2021 | 00:00-17:00              | 3.4 | -                  | 3.4                                 | As per legacy contracts between Myanmar & Manipur        | -  |                                     | Limited to overloading limit of 11 kV Moreh -Tamu                         |          |
|                               |                                   | 17:00-21:00              | 3.4 |                    | 3.4                                 |  | -  |                                     |   |          |
|                               |                                   | 21:00-24:00              | 3.4 |                    | 3.4                                 |  | -  |                                     |   |          |

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|-----------------------|------|--------------------------|-----|--------------------|-------------------------------------|--|--|-------------------------------------|---------------------|----------|
|-----------------------|------|--------------------------|-----|--------------------|-------------------------------------|--|--|-------------------------------------|---------------------|----------|

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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:   | LTA of Bangladesh is considered as 300 MW from DVC, 250 MW from Sembcorp Energy India Limited and 210 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 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 9 :  | In case any other constraint would be intimated by respective cross-border NLDC, these figures would be revised accordingly.   |
| Note 10 : | 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.<br><a href="http://powermin.nic.in/sites/default/files/uploads/Guidelines_for_ImportExport_Cross%20Border_of_Electricity_2018.pdf">http://powermin.nic.in/sites/default/files/uploads/Guidelines_for_ImportExport_Cross%20Border_of_Electricity_2018.pdf</a><br><a href="http://www.cercind.gov.in/2019/regulation/CBTE-Regulations2019.pdf">http://www.cercind.gov.in/2019/regulation/CBTE-Regulations2019.pdf</a><br><a href="https://cea.nic.in/wp-content/uploads/2021/02/Final_DA_Procedure_26022021.pdf">https://cea.nic.in/wp-content/uploads/2021/02/Final_DA_Procedure_26022021.pdf</a> |

**National Load Despatch Centre**  
**Transfer Capability between India and Bangladesh for April 2021**

| <b>Revision No</b> | <b>Date of Revision</b> | <b>Period of Revision</b> | <b>Reason for Revision</b> |
|--------------------|-------------------------|---------------------------|----------------------------|
|                    |                         |                           |                            |