

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

Issue Date: 28th November 2021

Issue Time: 1700 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 December 2022to 31st December 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 December 2022to 31st December 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 December 2022to 31st December 2021	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 December 2022to 31st December 2021	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) to Bhutan *	1st December 2022to 31st December 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			
Bhutan to India (ER ISTS) *	1st December 2022to 31st December 2021	00:00-17:00	2380	50	2330	2196	134		N-1 of Chukha-Birpara will overload the other circuit	
		17:00-21:00	2380		2330	2196	134			
		21:00-24:00	2380		2330	2196	134			
India (NER ISTS) to Bhutan *	1st December 2022to 31st December 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			

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

Issue Date: 28th November 2021

Issue Time: 1700 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
Bhutan to India (NER ISTS) *	1st December 2022to 31st December 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			
India (Bihar) to Nepal ##	1st December 2022to 31st December 2021	00:00-17:00	395	7.9	387.1	0	387.1		(i) Constraints at 220/132kv, 2x160MVA ICTs at Kishanganj New (ii) Constraints at 132KV D/C Supaul-Madhepura & 132KV D/C Supaul-Laukahi T/L (iii) Cconstraint at 132kv Ramnagar-Surajpura T/L (iv) Constraint at 132kv D/C Raxaul-DMTCL (Motihari) T/L	
		17:00-21:00	395		387.1	0	387.1			
		21:00-24:00	395		387.1	0	387.1			
India (NR ISTS) to Nepal *	1st December 2022to 31st December 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 December 2022to 31st December 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			
India (ER ISTS) to Nepal *	1st December 2022to 31st December 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 December 2022to 31st December 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 December 2022to 31st December 2021	00:00-17:00	3.4	-	3.4	0	3.4		Limited to overloading 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			

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

Issue Date: 28th November 2021

Issue Time: 1700 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
Myanmar to India (Manipur) #	1st December 2022to 31st December 2021	00:00-17:00	3.4	-	3.4	0	3.4		Limited to overloading 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			

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.
	<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>
	<a href="http://www.cercind.gov.in/2019/regulation/CBTE-Regulations2019.pdf">http://www.cercind.gov.in/2019/regulation/CBTE-Regulations2019.pdf</a>
	<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>

**Cross Border Transfer Capability for December 2021**

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