National Load Despatch Centre

Import of West Bengal Transfer Capability for April 2025

Issue Date: 26th April 2024 Issue Time: 1600 hrs Revision No. 0

Date	Time Period in IST (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Approved GNA (MW)	Margin for T-GNA (MW)	Changes in TTC w.r.t last revision	Remarks
1st April to 30th April 2025	00-12 hrs	7926	450	7476	3516.0	3960		TRM (Transfer Reliability Margin) is Considering average S/O of the largest Gen Unit Demand 11374 MW Gen 6804 MW
1st April to 30th April 2025	12- 16 hrs	6908	450	6458	3516.0	2942		TRM (Transfer Reliability Margin) is Considering average S/O of the largest Gen Unit Demand 11003 MW Gen 6225 MW
1st April to 30th April 2025	16-00 hrs	7926	450	7476	3516.0	3960		TRM (Transfer Reliability Margin) is Considering average S/O of the largest Gen Unit Demand 11374 MW Gen 6804 MW
Limiting Constraints		1)Tripping of 400 kV Jeerat Subhasgram ckt creating constraints in Jeerat 400/220 KV 315 MVA ICTs in WBSEDCL peak 1) Tripping of 400 kV farakka Kahalgaon one ckt creating constraints in other ckt for CESC peak case Subhasgram ICTs N-1 constraints are not considered as SPS/LRS is enabled there						

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1st April to 30th April 2025	00-24	3950	450	3500	3516	NA		TRM (Transfer Reliability Margin) is Considering average S/O of the largest Gen Unit
		Limited By LGBR.No other constraints.						

National Load Despatch Centre

Import of Sikkim Transfer Capability for April 2025

Issue Date: 26th April 2024 Issue Time: 1600 hrs Revision No. 0

Date	Time Period in IST (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Approved GNA (MW)	Margin for T-GNA (MW)	Changes in TTC w.r.t last revision	Remarks
1st April to 30th April 2025	Peak 18:00 hrs	176.92	2.06	175	111	64.86		
1st April to 30th April 2025	off peak 04:00 hrs	215.83	0.98	215	111	104.85		
Limiting Constraints	Overloading of one of the two Gangtok 132/66 KV ICT due to N-1 tripping of the parallel ICT							

National Load Despatch Centre

Import of Odisha Transfer Capability for April 2025

Issue Date: 26th April 2024 Issue Time: 1600 hrs Revision No. 0

Date	Time Period in IST (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Approved GNA (MW)	Margin for T-GNA (MW)	Changes in TTC w.r.t last revision	Remarks		
1st April to 30th April 2025	00-24	4706	150	4556	2157	2399	Generation: 2686 MW Load: 5600 MW; plus Vedanta Generation: Generation: 300 MW Load: 1900 MW			
Limiting Constraints		For control area except vedanta:N-1 contingency of one 400/220 Mendhasal 3x315 MVA,overloading the other two ICT. For vedanta control area:N-1 contingency of Outage of one 400kV OPGC-Lapanga ckt overloading the other ckt								

National Load Despatch Centre

Export of odisha Transfer Capability for April 2025

Issue Date: 26th April 2024 Issue Time: 1600 hrs Revision No. 0

Date	Time Period in IST (hrs)	Total Transfer Capability (TTC)	Counterflow on account of surrender of LTA(ISGS)	Reliability Margin	Available Transfer Capability (ATC)	Approved GNA (MW)	Margin for T-GNA (MW)	Changes in TTC w.r.t last revision	Remarks
1st April to 30th April 2025	00-24	1058		78	980	2157	NA		Generation: 5048 MW Load: 3900 MW
Limiting Constraints			Outage of one 210MW Generator of IBTPS Stage-1						

*Considering same figure of GNA as declared for import in CTU website

National Load Despatch Centre

Import of Jharkhand Transfer Capability for April 2025

Issue Date: 26th April 2024 Issue Time: 1600 hrs Revision No. 0

Date	Time Period in IST (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Approved GNA (MW)	Margin for T-GNA (MW)	Changes in TTC w.r.t last revision	Remarks
1st April to 30th April 2025	00-24	1852	41	1811	1110	701		Max generation 470 MW,load=2025 MW,
Limiting Constraints		High Loading of 132 kV Kahalgaon Lalmatia High Loading of 132 KV Maithon Jamtara High Loading of 132 KV Adiyapur Rajkarswan Huigh loding in 132 Adityapaur Ramchandrpur d/c Maithon Dumka 220 KV N-1 on contingency of the other ckt						

National Load Despatch Centre

Export of DVC Transfer Capability for April 2025

Issue Date: 26th April 2024 Issue Time: 1600 hrs Revision No. 0

Date	Time Period in IST (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Approved GNA (MW)	Margin for T-GNA (MW)	Changes in TTC w.r.t last revision	Remarks
1st April to 30th April 2025	00-24	1726	66	1660	956	704		In normal case(not extreme import or export),if 220 KV Waria-DStps-Parulia(DVC) is in loop,flow of 220 KV DSTPS to WAria may reach 190 MW each,which is a constraint Considering all other 500/600 MW generators(connected to ISTS) and Hydel out of bar
Limiting Constraints		: Loading of D/c 220kV Parulia(DVC) – Parulia PG lines ~190 MW each ckt, which is a (N – I) violation condition. However, with generation at DSTPS, the said drawl will get reduced.						

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Export of DVC Transfer Capability for April 2025

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1st April to 30th April 2025	00-24	3001	52	2949				In normal case(not extreme import or export),if 220 KV Waria-DStps-Parulia(DVC) d/c is in loop,flow of 220 KV DSTPS to WAria d/c may reach 190 MW each,which is a constraint. Consideration: : Hydel generation of 40MW has been considered. DSTPS U#2 generation is not considered since the unit is schedule to be taken under S/D for O/H during Jan'24. All other thermal generators are considered on bar with full generation.
Limiting Constraints		Limited BY LGBR in extreme cases.For normal case,plz see comments.						

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Import of Bihar Transfer Capability for April 2025

Issue Date: 26th April 2024 Issue Time: 1600 hrs Revision No. 0

Date	Time Period in IST (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Approved GNA (MW)	Margin for T-GNA (MW)	Changes in TTC w.r.t last revision	Remarks
1st April to 30th April 2025	00 to 24 hrs	6175	121	6054	5043.0	1011		
		1.132kv Saharsa New-Sonebarsa						