

National Load Despatch Centre
Import of West Bengal Transfer Capability for July 2025

Issue Date: 26th July 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 July to 31st July 2025	00-12 hrs	8248	450	7798	3516.0	4282		TRM (Transfer Reliability Margin) is Considering average S/O of the largest Gen Unit Demand 11927 MW Gen 6350 MW
1st July to 31st July 2025	12- 16 hrs	7969	450	7519	3516.0	4003		TRM (Transfer Reliability Margin) is Considering average S/O of the largest Gen Unit Demand 11227 MW Gen 5900 MW
1st July to 31st July 2025	16-00 hrs	8248	450	7798	3516.0	4282		TRM (Transfer Reliability Margin) is Considering average S/O of the largest Gen Unit Demand 11927 MW Gen 6350 MW
Limiting Constraints		1) Tripping of 400 kV Jeerat Subhasgram ckt creating constraints in Jeerat 400/220 KV 315 MVA ICTs and 400 Kv voltage in rajarhat(377 KV) in WBSEDCL peak 1) Tripping of 400 kV Jeerat Subhasgram ckt creating constraints in Jeerat 400/220 KV 315 MVA ICTt for CESC peak case						

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1st July to 31st July 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 July 2025

Issue Date: 26th July 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 July to 31st July 2025	Peak 18:00 hrs	176.92	2.06	175	111	64.86		
1st July to 31st July 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 July 2025

Issue Date: 26th July 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 July to 31st July 2025	00-24	4600	142	4458	2157	2301	Generation: 2463 MW Load: 6803 MW; Vedanta : Load: 1600 MW(within Odisha total load)	
Limiting Constraints		High loading in 400 KV Angul Bolangir and tripping of the same leading to low voltage (380 KV) in Bolangir 400 kV area N-1 overloading in Talcher meramandali shorter ckt on outage of the parallel longer ckt						

National Load Despatch Centre
Export of odisha Transfer Capability for July 2025

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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 July to 31st July 2025	00-24	933		80	853	2157	NA		Generation:5028 MW Load: 4001 MW
Limiting Constraints		Outage of one 210MW Generator of IBTPS Stage-1							

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

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National Load Despatch Centre
Import of Jharkhand Transfer Capability for July 2025

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1st July to 31st July 2025	00-24	1993	44	1949	1110	839		Max generation 285 MW, load=2214 MW,
Limiting Constraints		High Loading of 132 kV Kahalgaon Lalmatia High Loading of 132 KV Maithon Jamtara High Loading of 132 KV Adiyapur Rajkarswan High loading in 132 Adityapur 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 July 2025

Issue Date: 26th July 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 July to 31st July 2025	00-24	1726	66	1660	956	704		<p>In normal case(not extreme import or export),if 220 KV Waria-DStps-Parulia(DVC) is in loop,flow of 220 KV DSTPS to WArria may reach 190 MW each,which is a constraint</p> <p>Considering all other 500/600 MW generators(connected to ISTS) and Hydel out of bar</p>
Limiting Constraints		: Loading of D/c 220kV Parulia(DVC) – Parulia PG lines ~190 MW each ckt, which is a (N – 1) violation condition. However, with generation at DSTPS, the said drawl will get reduced.						

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1st July to 31st July 2025	00-24	3001	52	2949				<p>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 WArea d/c may reach 190 MW each,which is a constraint.</p> <p>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.</p>
Limiting Constraints		Limited BY LGBR in extreme cases.For normal case,plz see comments.						

National Load Despatch Centre
Import of Bihar Transfer Capability for July 2025

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1st July to 31st July 2025	00 to 24 hrs	7770	155	7615	5043.0	2572		7994 is max demand considered
		Limited by LGBR						
