

National Load Despatch Centre
Import of West Bengal Transfer Capability for

December-24

Issue Date: 26th June 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 December to 31th December 2024	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
	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
	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 December to 31st December 2024	00-24	3950	450	3500	3516	0		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

December-24

Issue Date: 26th June 2024

Issue Time: 1600 hrs

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1st December to 31th December 2024	Peak 18:00 hrs	176.92	2.06	175	111	64.86		
	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

December-24

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1st December to 31st December 2024	00-24	4408	142	4266	2157	2109	Generation: 2818 MW Load: 7060 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**

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1st December to 31st December 2024	00-24	933		80	853	2157	0		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									

National Load Despatch Centre
Import of Jharkhand Transfer Capability for

December-24

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1st December to 31st December 2024	00-24	2005	44	1961	1110	851		Max generation 285 MW, load=2226 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

December-24

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1st December to 31th December 2024	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
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 December to 31th December 2024	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 Waria 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.						

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1st December to 31th December 2024	00 to 24 hrs	8157	163	7994	5043.0	2951		7994 is max demand considered
		Limited by LGBR						