

National Load Despatch Centre
Import of West Bengal Transfer Capability for December 2024

Issue Date: 26th December 2023

Issue Time: 1600 hrs

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 2024 to 31st December 2024	00-12 hrs	7391	450	6941	3516.0	3425		TRM (Transfer Reliability Margin) is Considering average S/O of the largest Gen Unit Demand 10171 MW Gen 6545 MW
1st december 2024 to 31st December 2024	12- 16 hrs	7391	450	6941	3516.0	3425		TRM (Transfer Reliability Margin) is Considering average S/O of the largest Gen Unit Demand 10171 MW Gen 6545 MW
1st december 2024 to 31st December 2024	16-00 hrs	7391	450	6941	3516.0	3425		TRM (Transfer Reliability Margin) is Considering average S/O of the largest Gen Unit Demand 10171 MW Gen 6545 MW
Limiting Constraints		1)Tripping of either 400 kV Jeerat Subhasgram and 400 KV Gokarno N purnea ckt creating constraints in Jeerat 400/220 KV 315 MVA 400/220 KV ICTs(315 MVA)for WBSEDCL and CESC peak case						

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1st december 2024 to 31st December 2024	00-24	3950	450	3500	3516	-16		TRM (Transfer Reliability Margin) is Considering average S/O of the largest Gen Unit
Limiting Constraints		Limited By LGBR.No other constraints.						

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

National Load Despatch Centre
Import of Sikkim Transfer Capability for December 2024

Issue Date: 26th December 2023

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

Issue Date: 26th December 2023

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 2024 to 31st December 2024	00-24	3830	139	3691	2157	1534	Generation: 2922 MW Load: 5200 MW; plus Vedanta Generation: Generation: 350 MW Load: 1750 MW	
Limiting Constraints		N-1 contingency of one 220 kV Rourkella tarkera d/c,overloading the other ckt.(SPS is in service) for odisha control area except vedanta N-1 contingency of Outage of one 400kV OPGC-Lapanga ckt overloading the other for vedanta control area						

National Load Despatch Centre
Export of odisha Transfer Capability for December 2024

Issue Date: 26th December 2023

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 december 2024 to 31st December 2024	00-24	1911	200	56	1855	2157	-302		Generation: 4784 MW Load: 2800 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 2024

Issue Date: 26th December 2023

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 2024 to 31st December 2024	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 High loding in 132 Adityapur Ramchandrpur d/c						

National Load Despatch Centre
Export of DVC Transfer Capability for December 2024

Issue Date: 26th December 2023

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 2024 to 31st December 2024	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		<p>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.</p>						

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1st december 2024 to 31st December 2024	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 WAría d/c may reach 190 MW each,which is a constraint. Consideration: All generators are on bar with maximum generation. Hydel generation of 40MW has been considered. RTPS Generation has been considered as 1000MW.
Limiting Constraints		Limited BY LGBR in extreme cases.For normal case,plz see comments.						

National Load Despatch Centre
Import of Bihar Transfer Capability for December 2024

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1st december 2024 to 31st December 2024	00 to 24 hrs	6175	121	6054	5043.0	1011		
		1.132kv Saharsa New-Sonebarsa						
