

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

Issue Date: 22nd March 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 April to 30th April 2024	00-12 hrs	7970	450	7520	3516.0	4004		TRM (Transfer Reliability Margin) is Considering average S/O of the largest Gen Unit Demand 11675 MW Gen 6765 MW
1st April to 30th April 2024	12- 16 hrs	7550	450	7100	3516.0	3584		TRM (Transfer Reliability Margin) is Considering average S/O of the largest Gen Unit Demand 11370 MW Gen 6545 MW
1st April to 30th April 2024	16-00 hrs	7970	450	7520	3516.0	4004		TRM (Transfer Reliability Margin) is Considering average S/O of the largest Gen Unit Demand 11675 MW Gen 6765 MW
Limiting Constraints		1) Tripping of 400 kV Jeerat Subhasgram ckt creating constraints in Subhasgram 376 KV and Rajarhat 377 KV and Tripping of 400 KV N.jeerat Jeerat creating constraints in Subhasgram 400/220 KV 315 MVA ICTs(317/504 MW) for CESC peak hrs(12-16 hrs) 1) Tripping of 400 kV Jeerat Subhasgram ckt creating constraints in Subhasgram 376 KV and Rajarhat 377 KV and tripping of 400 KV Kharagpur baripada creating constraints in Jeerat 400 KVV bus(379 KV) for WBSEDCL peak hrs						New Chanditala ICT IV and Bidhannagar ICT 3 are assumed to be charged(Bidhannagar all 3 ICT loaded on 26.3.24 and New chandiatala expected by month end March 24)

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1st April to 30th April 2024	00-24	3950	450	3500	3516	-16		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 2024

Issue Date: 22nd March 2023

Issue Time: 1600 hrs

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1st April to 30th April 2024	Peak 18:00 hrs	176.92	2.06	175	111	64.86		
1st April to 30th April 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 April 2024

Issue Date: 22nd March 2023

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1st April to 30th April 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									

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Export of odisha Transfer Capability for April 2024

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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 April to 30th April 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 April 2024

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1st April to 30th April 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 April 2024

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1st April to 30th April 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 W Aria 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 April to 30th April 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 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 April 2024

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1st April to 30th April 2024	00 to 24 hrs	6175	121	6054	5043.0	1011		
		1.132kv Saharsa New-Sonebarsa						
