National Load Despatch Centre

Import of West Bengal Transfer Capability for November,2023

Issue Date: 25th Oct 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 November 2023 to 30th September 2023	00-12 hrs	7141	450	6691	3516.0	3175		TRM (Transfer Reliability Margin) is Considering average S/O of the largest Gen Unit Demand 11084 MW Gen 6257 MW
1st November 2023 to 30th September 2023	12- 16 hrs	7141	450	6691	3516.0	3175		TRM (Transfer Reliability Margin) is Considering average S/O of the largest Gen Unit Demand 11084 MW Gen 6257 MW
1st November 2023 to 30th September 2023	16-00 hrs	7141	450	6691	3516.0	3175		TRM (Transfer Reliability Margin) is Considering average S/O of the largest Gen Unit Demand 11084 MW Gen 6257 MW
Limiting Constraints		1)Tripping of either 400 kV N.PPSP N.Ranchi ckt creating constraints in Jeerat 400/220 KV 315 MVA 400/220 KV ICTs(315 MVA)for WBSEDCL and CESC peak case						

National Load Despatch Centre

Export of West Bengal Transfer Capability for November, 2023

Issue Date: 25th Oct 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 November 2023 to 30th September 2023	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						

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

National Load Despatch Centre

Import of Sikkim Transfer Capability for November, 2023

Issue Date: 25th October 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 November 2023 to 30th September 2023	Peak 18:00 hrs	176.92	2.06	175	111	64.86		
1st November 2023 to 30th September 2023	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 November, 2023

Issue Date: 25th October 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 November 2023 to 30th September 2023	00-24	3837	143	3694	2157	1537	Generation: 3132 MW Load: 5401 MW; plus Vedanta Generation: Generation: 350 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 November, 2023

Issue Date: 25th October 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 November 2023 to 30th September 2023	00-24	1415	200	67	1348	2157	-809		Generation: 4832 MW Load: 3335 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 November, 2023

Issue Date: 25th October 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 November 2023 to 30th September 2023	00-24	1462	38	1424	1110	314		Max generation 475 MW,load=1891 MW,
Limiting Constraints		High Loading of 132 kV Kahalgaon Lalmatia High Loading of 132 KV Maithon Jamtara High Loading of 132 KV Adiyapur Rajkarswan						

National Load Despatch Centre

Import of Bihar Transfer Capability for November, 2023

Issue Date: 25th October 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 November 2023 to 30th September 2023	00 to 24 hrs	7570	151	7419	5043.0	2376		
		1.132kv Saharsa New-Sonebarsa						

National Load Despatch Centre

Import of DVC Transfer Capability for November, 2023

Issue Date: 25th October 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 November 2023 to 30th September 2023	00-24	1759	67	1692	956	736		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		□Import TTC Case: Loading of D/c 220kV Parulia(DVC) – Parulia PG lines ~183 MW each ckt, which is a (N – I) violation condition. However, with generation at DSTPS, the said drawl will get reduced.						

National Load Despatch Centre

Export of DVC Transfer Capability for November, 2023

Issue Date: 25th October 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 November 2023 to 30th September 2023	00-24	3519	53	3466				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: All generators are on bar with maximum generation. Hydel generation of 30MW has been considered. RTPS Generation has been considered as 1000MW.
Limiting Constraints		Limited BY LGBR in extreme cases.For normal case,plz see comments.						