

**National Load Despatch Centre**  
**Import of West Bengal Transfer Capability for**

October-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 October to 31st October 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
<b>Limiting Constraints</b>	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 October to 31th October 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**

October-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 October to 31st October 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		
<b>Limiting Constraints</b>		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**

October-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 October to 31st October 2024	00-24	4408	142	4266	2157	2109	Generation: 2818 MW Load: 7060 MW; Vedanta : Load: 1600 MW(within Odisha total load)	
<b>Limiting Constraints</b>		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**

October-24

Issue Date: 26th June 2024

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 October to 31th October 2024	00-24	933		80	853	2157	0		Generation:5028 MW Load: 4001 MW
<b>Limiting Constraints</b>		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**

October-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 October to 31st October 2024	00-24	2005	44	1961	1110	851		Max generation 285 MW, load=2226 MW,
<b>Limiting Constraints</b>		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**

October-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 October to 31th October 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
<b>Limiting Constraints</b>		: 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 October to 31th October 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>
<b>Limiting Constraints</b>		Limited BY LGBR in extreme cases.For normal case,plz see comments.						



**National Load Despatch Centre**  
**Import of Bihar Transfer Capability for**

October-24

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Issue Time: 1600 hrs

Revision No. 0

<b>Date</b>	<b>Time Period in IST (hrs)</b>	<b>Total Transfer Capability (TTC)</b>	<b>Reliability Margin</b>	<b>Available Transfer Capability (ATC)</b>	<b>Approved GNA (MW)</b>	<b>Margin for T-GNA (MW)</b>	<b>Changes in TTC w.r.t last revision</b>	<b>Remarks</b>
1st October to 31th October 2024	00 to 24 hrs	8157	163	7994	5043.0	2951		7994 is max demand considered
		Limited by LGBR						