

National Load Despatch Centre
Import of West Bengal Transfer Capability for

April-25

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 April to 30th April 2025 | 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 April to 30th April 2025 | 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

April-25

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|------------------------------|--------------------------|---|--------------------|-------------------------------------|-------------------|-----------------------|------------------------------------|---------|
| 1st April to 30th April 2025 | 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

April-25

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 April to 30th April 2025 | 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

April-25

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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 2025 | 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

April-25

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 April to 30th April 2025 | 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

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|------------------------------|--------------------------|--|--------------------|-------------------------------------|-------------------|-----------------------|------------------------------------|--|
| 1st April to 30th April 2025 | 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 April to 30th April 2025 | 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. | | | | | | |

National Load Despatch Centre
Import of Bihar Transfer Capability for

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|------------------------------|---------------------------------|--|---------------------------|--|--------------------------|------------------------------|---|-------------------------------|
| 1st April to 30th April 2025 | 00 to 24 hrs | 8157 | 163 | 7994 | 5043.0 | 2951 | | 7994 is max demand considered |
| | | Limited by LGBR | | | | | | |