

Natioanl Load Despatch Centre, New Delhi
Transfer Capability between S1- (S2&S3) for January 2021

Issue Date: 18/01/2020

Issue Time: 1500 Hrs

Revision No. 2

| Date | Time Period in IST (hrs) | Total Transfer Capability (TTC) | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Comments |
|---|--|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| 1st January 2021 to 31st January 2021 | 00 - 24 | 7750 | 450 | 7300 | 3522 | 3778 | | |
| Limiting Constraints (any one or combination thereof) | i. (n-1) contingency of one circuit of 400 kV Udumalpet-Palakkad will lead to Low Voltage at Palakkad/Trichur & (n-1) contingency of one circuit of 400 kV Tirunelveli-Cochin will lead to Low Voltage at Cochin//Trichur. | | | | | | | |
| | ii. (n-1) of one line of 400kV Mettur – Karamadai will lead to Low Voltage at 400kV Karamadai SS | | | | | | | |
| | iii. Low Voltage in Kerala (S3) | | | | | | | |
| | iv. N-1 violation of 400/230kV Thiruvallam ICT | | | | | | | |
| | v. N-1 violation of 500 MVA ICT will lead to overloading of 2x315 MVA ICT at 400/230kV Trichy ICT | | | | | | | |
| Note-1 | S1 comprises Andhra Pradesh, Telangana and Karnataka and Goa(SR); S2 comprises Tamil Nadu and Pondicherry; S3 comprises Kerala | | | | | | | |
| Note-2 | (n-1) contingency of 400/220 ICT at Kozhikode is not considered while assessing TTC because of the radial nature of load in North Kerala and System Protection Shcheme (SPS) | | | | | | | |

Natioanl Load Despatch Centre, New Delhi
Transfer Capability for Import of S3 for January 2021

| Date | Time Period in IST (hrs) | Total Transfer Capability (TTC) | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Comments |
|--|---|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|---|
| 1st January 2021 to 3rd January 2021 | 00-24 | 3300 | 90 | 3210 | 2757 | 453 | | |
| 4th January 2021 | 00-10 | 3300 | 90 | 3210 | 2757 | 453 | | |
| 4th January 2021 | 10-24 | 3100 | 90 | 3010 | 2757 | 253 | | |
| 5th January 2021 to 8th January 2021 | 00-24 | 3300 | 90 | 3210 | 2757 | 453 | | |
| 9th January 2021 | 00-09 | 3300 | 90 | 3210 | 2757 | 453 | | |
| 9th January 2021 | 09-24 | 3100 | 90 | 3010 | 2757 | 253 | -200 | 400kV Tirunelveli-Kochi-1 S/D |
| 10th January 2021 to 19th January 2021 | 00-24 | 3300 | 90 | 3210 | 2757 | 453 | | |
| 20th January 2021 | 00-09 | 3300 | 90 | 3210 | 2757 | 453 | | |
| | 09-24 | 3100 | 90 | 3010 | 2757 | 253 | -200 | Revised TTC/ATC due to S/D of 220KV-TIRUNELVELI-EDAMON 1 &2 |
| 21st January 2021 to 31st January 2021 | 00-24 | 3300 | 90 | 3210 | 2757 | 453 | | |
| Limiting Constraint (any one or combination thereof) | i. (n-1) contingency of one circuit of 400 kV Udumalpet-Palakkad will lead to Low Voltage at Palakkad/Trichur | | | | | | | |
| | ii. (n-1) contingency of one ICT of (2x315 MVA) 400/220kV ICT at Palakkad will lead to over-loading of the Other ICT | | | | | | | |
| | iii. (n-1) contingency of one ICT of (2x315 MVA) 400/220kV ICT at Cochin will lead to over-loading of the Other ICT | | | | | | | |
| | iv. (n-1) contingency of one circuit of 400 kV Tirunelveli-Cochin will lead to Low Voltage at Cochin/Trichur. | | | | | | | |
| | v. Low Voltage in Kerala (S3) | | | | | | | |
| Note-1 | S1 comprises Andhra Pradesh, Telangana and Karnataka and Goa(SR); S2 comprises Tamil Nadu and Pondicherry; S3 comprises Kerala | | | | | | | |
| Note-2 | (n-1) contingency of 400/220 ICT at Kozhikode is not considered while assessing TTC because of the radial nature of load in North Kerala and System Protection Shceme (SPS) | | | | | | | |

National Load Despatch Centre
Transfer Capability between S1- (S2&S3) for January 2021
Transfer Capability for Import of S3 for January 2021

| Revision No | Date of Revision | Period of Revision | Reason for Revision | Corridor |
|--------------------|-------------------------|---------------------------|---|-----------------|
| 1 | 03-01-2021 | 04-01-2021 | 400 kV Tirunelveli-Trivendrum-2 S/D | s3 |
| 2 | 07-01-2021 | 09-01-2021 | 400kV Tirunelveli-Kochi-1 S/D | s3 |
| 3 | 18-01-2021 | 20-01-2021 | Revised TTC/ATC due to S/D of 220KV-TIRUNELVELI-EDAMON 1 &2 | s3 |