

| National Load Despatch Centre Total Transfer Capability for Mar 2024 | | | | | | | | | | |
|---|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|--|
| Issue Date:Mar 12 2024 | | | | Issue Time:17:13:40 | | | | Revision No :11 | | |
| Corridor | Date | Time Period(hrs) | Total Transfer Capability(TTC) | Reliability Margin(RM) | Available Transfer Capability(ATC) | Approved GNA(MW) | Margin for T-GNA (MW) | Changes w.r.t. Previous Revision | Comment | |
| ER-NER | 01 Mar to 06 Mar | 00:00 to 17:00 | 1400 | 60 | 1340 | NA | | 0 | | |
| | | 17:00 to 21:00 | 750 | 60 | 690 | NA | | 0 | | |
| | | 21:00 to 24:00 | 1400 | 60 | 1340 | NA | | 0 | | |
| | 07 Mar to 12 Mar | 00:00 to 17:00 | 1400 | 60 | 1340 | NA | | 0 | | |
| | | 17:00 to 21:00 | 1090 | 60 | 1030 | NA | | 0 | | |
| | | 21:00 to 24:00 | 1400 | 60 | 1340 | NA | | 0 | | |
| | 13 Mar to 31 Mar | 00:00 to 17:00 | 1400 | 60 | 1340 | NA | | 0 | | |
| | | 17:00 to 21:00 | 750 | 60 | 690 | NA | | 0 | | |
| | | 21:00 to 24:00 | 1400 | 60 | 1340 | NA | | 0 | | |
| ER-NR | 01 Mar to 10 Mar | 00:00 to 24:00 | 6700 | 400 | 6300 | NA | | 0 | | |
| | 11 Mar to 11 Mar | 00:00 to 07:00 | 6700 | 400 | 6300 | NA | | 0 | | |
| | | 07:00 to 24:00 | 6500 | 400 | 6100 | NA | | 0 | | |
| | 12 Mar to 31 Mar | 00:00 to 24:00 | 6700 | 400 | 6300 | NA | | 0 | | |
| ER-SR | 01 Mar to 01 Mar | 00:00 to 06:00 | 6200 | 350 | 5850 | NA | | 0 | | |
| | | 06:00 to 18:00 | 6200 | 350 | 5850 | NA | | 0 | | |
| | | 18:00 to 24:00 | 6200 | 350 | 5850 | NA | | 0 | | |
| | 02 Mar to 02 Mar | 00:00 to 06:00 | 6050 | 350 | 5700 | NA | | 0 | | |
| | | 06:00 to 18:00 | 6050 | 350 | 5700 | NA | | 0 | | |
| | | 18:00 to 24:00 | 6050 | 350 | 5700 | NA | | 0 | | |
| | 03 Mar to 31 Mar | 00:00 to 06:00 | 6200 | 350 | 5850 | NA | | 0 | | |
| | | 06:00 to 18:00 | 6200 | 350 | 5850 | NA | | 0 | | |
| | | 18:00 to 24:00 | 6200 | 350 | 5850 | NA | | 0 | | |
| ER-W3 | 01 Mar to 31 Mar | 00:00 to 24:00 | No limit is being specified. | | | | | | | |
| ER-WR | 01 Mar to 31 Mar | 00:00 to 24:00 | NA | NA | | NA | | 0 | | |
| NER-ER | 01 Mar to 31 Mar | 00:00 to 17:00 | 3200 | 60 | 3140 | NA | | 0 | | |
| | | 17:00 to 21:00 | 3200 | 60 | 3140 | NA | | 0 | | |

| Corridor | Date | Time Period(hrs) | Total Transfer Capability(TTC) | Reliability Margin(RM) | Available Transfer Capability(ATC) | Approved GNA(MW) | Margin for T-GNA (MW) | Changes w.r.t. Previous Revision | Comment | | |
|------------------|------------------|------------------|--------------------------------|------------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|--|--|
| | | 21:00 to 24:00 | 3200 | 60 | 3140 | NA | | 0 | | | |
| NR-ER | 01 Mar to 31 Mar | 00:00 to 06:00 | 4000 | 300 | 3700 | NA | | 0 | | | |
| | | 06:00 to 18:00 | 4000 | 300 | 3700 | NA | | 0 | | | |
| | | 18:00 to 24:00 | 4000 | 300 | 3700 | NA | | 0 | | | |
| NR-WR | 01 Mar to 01 Mar | 00:00 to 06:00 | 4000 | 500 | 3500 | NA | | 0 | | | |
| | | 06:00 to 18:00 | 4000 | 500 | 3500 | NA | | 0 | | | |
| | | 18:00 to 24:00 | 4000 | 500 | 3500 | NA | | 0 | | | |
| | 02 Mar to 05 Mar | 00:00 to 06:00 | 4500 | 500 | 4000 | NA | | 0 | | | |
| | | 06:00 to 18:00 | 4500 | 500 | 4000 | NA | | 0 | | | |
| | | 18:00 to 24:00 | 4500 | 500 | 4000 | NA | | 0 | | | |
| | 06 Mar to 06 Mar | 00:00 to 06:00 | 4500 | 500 | 4000 | NA | | 0 | | | |
| | | 06:00 to 08:00 | 4500 | 500 | 4000 | NA | | 0 | | | |
| | | 08:00 to 18:00 | 3150 | 500 | 2650 | NA | | 0 | | | |
| | | 18:00 to 24:00 | 3150 | 500 | 2650 | NA | | 0 | | | |
| | 07 Mar to 11 Mar | 00:00 to 06:00 | 4500 | 500 | 4000 | NA | | 0 | | | |
| | | 06:00 to 18:00 | 4500 | 500 | 4000 | NA | | 0 | | | |
| | | 18:00 to 24:00 | 4500 | 500 | 4000 | NA | | 0 | | | |
| | 12 Mar to 31 Mar | 00:00 to 06:00 | 6000 | 500 | 5500 | NA | | 0 | | | |
| | | 06:00 to 18:00 | 6000 | 500 | 5500 | NA | | 0 | | | |
| | | 18:00 to 24:00 | 6000 | 500 | 5500 | NA | | 0 | | | |
| | SR-ER | 01 Mar to 31 Mar | 00:00 to 24:00 | No limit is being specified. | | | | | | | |
| | SR-WR | 01 Mar to 01 Mar | 00:00 to 06:00 | 6000 | 650 | 5350 | NA | | 0 | | |
| 06:00 to 18:00 | | | 7650 | 650 | 7000 | NA | | 0 | | | |
| 18:00 to 24:00 | | | 6000 | 650 | 5350 | NA | | 0 | | | |
| 02 Mar to 02 Mar | | 00:00 to 06:00 | 5750 | 650 | 5100 | NA | | 0 | | | |
| | | 06:00 to 18:00 | 7400 | 650 | 6750 | NA | | 0 | | | |
| | | 18:00 to 24:00 | 5750 | 650 | 5100 | NA | | 0 | | | |
| 03 Mar to 13 Mar | | 00:00 to 06:00 | 6000 | 650 | 5350 | NA | | 0 | | | |
| | | 06:00 to 18:00 | 7650 | 650 | 7000 | NA | | 0 | | | |

| Corridor | Date | Time Period(hrs) | Total Transfer Capability(TTC) | Reliability Margin(RM) | Available Transfer Capability(ATC) | Approved GNA(MW) | Margin for T-GNA (MW) | Changes w.r.t. Previous Revision | Comment |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|--|
| | 14 Mar to 14 Mar | 18:00 to 24:00 | 6000 | 650 | 5350 | NA | | 0 | |
| | | 00:00 to 06:00 | 6000 | 650 | 5350 | NA | | 0 | |
| | | 06:00 to 09:00 | 7650 | 650 | 7000 | NA | | 0 | |
| | | 09:00 to 18:00 | 6700 | 650 | 6050 | NA | | -950 | Due to the shutdown of 400 kV Kudgi (PG) - Kolhapur (PG) - 1 |
| | | 18:00 to 24:00 | 5050 | 650 | 4400 | NA | | -950 | |
| | 15 Mar to 31 Mar | 00:00 to 06:00 | 6000 | 650 | 5350 | NA | | 0 | |
| | | 06:00 to 18:00 | 7650 | 650 | 7000 | NA | | 0 | |
| | | 18:00 to 24:00 | 6000 | 650 | 5350 | NA | | 0 | |
| | W3 Injection | 01 Mar to 31 Mar | 00:00 to 24:00 | NA | NA | | NA | 0 | |
| W3-ER | 01 Mar to 31 Mar | 00:00 to 24:00 | No limit is being specified. | | | | | | |
| WR-ER | 01 Mar to 31 Mar | 00:00 to 06:00 | 5500 | 300 | 5200 | NA | | 0 | |
| | | 06:00 to 18:00 | 5500 | 300 | 5200 | NA | | 0 | |
| | | 18:00 to 24:00 | 5500 | 300 | 5200 | NA | | 0 | |
| WR-NR | 01 Mar to 10 Mar | 00:00 to 06:00 | 19200 | 1000 | 18200 | NA | | 0 | |
| | | 06:00 to 18:00 | 19200 | 1000 | 18200 | NA | | 0 | |
| | | 18:00 to 24:00 | 19200 | 1000 | 18200 | NA | | 0 | |
| | 11 Mar to 11 Mar | 00:00 to 07:00 | 19200 | 1000 | 18200 | NA | | 0 | |
| | | 07:00 to 24:00 | 18500 | 1000 | 17500 | NA | | 0 | |
| | 12 Mar to 31 Mar | 00:00 to 24:00 | 19200 | 1000 | 18200 | NA | | 0 | |
| WR-SR | 01 Mar to 01 Mar | 00:00 to 06:00 | 16100 | 650 | 15450 | NA | | 0 | |
| | | 06:00 to 18:00 | 16100 | 650 | 15450 | NA | | 0 | |
| | | 18:00 to 24:00 | 16100 | 650 | 15450 | NA | | 0 | |
| | 02 Mar to 02 Mar | 00:00 to 06:00 | 15200 | 650 | 14550 | NA | | 0 | |
| | | 06:00 to 18:00 | 15200 | 650 | 14550 | NA | | 0 | |
| | | 18:00 to 24:00 | 15200 | 650 | 14550 | NA | | 0 | |
| | 03 Mar to 31 Mar | 00:00 to 06:00 | 16100 | 650 | 15450 | NA | | 0 | |
| | | 06:00 to 18:00 | 16100 | 650 | 15450 | NA | | 0 | |
| | | 18:00 to 24:00 | 16100 | 650 | 15450 | NA | | 0 | |

- Based on the actual distribution of corridor flows, Counter flow benefit on account of transactions in the reverse direction would be considered for short-term transactions wherever applicable.
- Considering 400 kV Rihand stage-III - Vindhyachal PS D/C line as inter-regional line for the purpose of scheduling, metering and accounting and 950 MW ex-bus generation in Rihand stage-III. Rihand Stage-III generation is considered as NR regional entity.
- S1 comprises of Telangana, AP and Karnataka; S2 comprises of Tamil Nadu and Puducherry; S3 comprises Kerala
- W3 comprises of the following regional entities : a) Chattisgarh Sell transaction, b) Jindal Power Limited (JPL) Stage-I & Stage-II, c) Jindal Steel and Power Limited (JSPL), d) ACBL, e) LANCO Amarkantak f) BALCO, g) Sterlite (#1,3,4), h) NSPCL, i) NTPC Korba I, II & III, j) NTPC Sipat I & II, k) KSK Mahanadi, l) DB Power, m) REGL (Previously KWPC), n) RKM, o) REL, p) Bharat Aluminium, q) MCCPL, r) SKS, s) TRN, t) NTPC Lara, u) Adani Power Limited Raipur and any other regional entity generator in Chhattisgarh
- The figure is based on GNA approved by CTU. In actual Operation, due to Units being on Maintenance/ Fuel shortage/New units being commissioned, the dispatches of units would vary. RLDC/NLDC would factor this situation on day-ahead basis. In the eventuality that net schedules exceed ATC, real time curtailments might be effected by RLDCs/NLDC.
- In case of TTC Revision due to any shutdown : 1) The TTC value will be revised to normal values after restoration of shutdown. 2) The TTC value will be revised to normal values if the shutdown is not being availed in real time.
- Real Time TTC/ATC revisions are uploaded on Grid-India/NLDC "News Update" (Flasher) Section

Simultaneous Import Capability

| Corridor | Date | Time Period(hrs) | Total Transfer Capability(TTC) | Reliability Margin(RM) | Available Transfer Capability(ATC) | Approved GNA(MW) | Margin for T-GNA (MW) | Changes w.r.t. Previous Revision | Comment | |
|------------------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|--|
| ER | 01 Mar to 31 Mar | 00:00 to 24:00 | NA | NA | | 3088 | NA | 0 | | |
| NER | 01 Mar to 06 Mar | 00:00 to 17:00 | 1900 | 60 | 1840 | 446 | 1394 | 0 | | |
| | | 17:00 to 21:00 | 1250 | 60 | 1190 | 446 | 744 | 0 | | |
| | | 21:00 to 24:00 | 1900 | 60 | 1840 | 446 | 1394 | 0 | | |
| | 07 Mar to 12 Mar | 00:00 to 17:00 | 1900 | 60 | 1840 | 446 | 1394 | 0 | | |
| | | 17:00 to 21:00 | 1590 | 60 | 1530 | 446 | 1084 | 0 | | |
| | | 21:00 to 24:00 | 1900 | 60 | 1840 | 446 | 1394 | 0 | | |
| | 13 Mar to 31 Mar | 00:00 to 17:00 | 1900 | 60 | 1840 | 446 | 1394 | 0 | | |
| | | 17:00 to 21:00 | 1250 | 60 | 1190 | 446 | 744 | 0 | | |
| | | 21:00 to 24:00 | 1900 | 60 | 1840 | 446 | 1394 | 0 | | |
| | NR | 01 Mar to 10 Mar | 00:00 to 06:00 | 25900 | 1400 | 24500 | 17344 | 7156 | 0 | |
| | | | 06:00 to 18:00 | 25900 | 1400 | 24500 | 17344 | 7156 | 0 | |
| | | | 18:00 to 24:00 | 25900 | 1400 | 24500 | 17344 | 7156 | 0 | |
| 11 Mar to 11 Mar | | 00:00 to 07:00 | 25900 | 1400 | 24500 | 17344 | 7156 | 0 | | |
| | | 07:00 to 24:00 | 25000 | 1400 | 23600 | 17344 | 6256 | 0 | | |
| 12 Mar to 31 Mar | | 00:00 to 24:00 | 25900 | 1400 | 24500 | 17344 | 7156 | 0 | | |
| SR | 01 Mar to 01 Mar | 00:00 to 06:00 | 22300 | 1000 | 21300 | 7101 | 14199 | 0 | | |
| | | 06:00 to 18:00 | 22300 | 1000 | 21300 | 7101 | 14199 | 0 | | |
| | | 18:00 to 24:00 | 22300 | 1000 | 21300 | 7101 | 14199 | 0 | | |
| | 02 Mar to 02 Mar | 00:00 to 06:00 | 21250 | 1000 | 20250 | 7101 | 13149 | 0 | | |
| | | 06:00 to 18:00 | 21250 | 1000 | 20250 | 7101 | 13149 | 0 | | |
| | | 18:00 to 24:00 | 21250 | 1000 | 20250 | 7101 | 13149 | 0 | | |
| | 03 Mar to 31 Mar | 00:00 to 06:00 | 22300 | 1000 | 21300 | 7101 | 14199 | 0 | | |
| | | 06:00 to 18:00 | 22300 | 1000 | 21300 | 7101 | 14199 | 0 | | |
| | | 18:00 to 24:00 | 22300 | 1000 | 21300 | 7101 | 14199 | 0 | | |
| | WR | 01 Mar to 31 Mar | 00:00 to 24:00 | NA | NA | | 7708 | NA | 0 | |

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Simultaneous Export Capability

| Corridor | Date | Time Period(hrs) | Total Transfer Capability(TTC) | Reliability Margin(RM) | Available Transfer Capability(ATC) | Approved GNA(MW) | Margin for T-GNA (MW) | Changes w.r.t. Previous Revision | Comment |
|------------------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
| ER | 01 Mar to 31 Mar | 00:00 to 24:00 | NA | NA | | NA | | 0 | |
| NER | 01 Mar to 31 Mar | 00:00 to 17:00 | 3200 | 60 | 3140 | NA | | 0 | |
| | | 17:00 to 21:00 | 3200 | 60 | 3140 | NA | | 0 | |
| | | 21:00 to 24:00 | 3200 | 60 | 3140 | NA | | 0 | |
| NR | 01 Mar to 01 Mar | 00:00 to 06:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | | 06:00 to 18:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | | 18:00 to 24:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | 02 Mar to 05 Mar | 00:00 to 06:00 | 4500 | 500 | 4000 | NA | | 0 | |
| | | 06:00 to 18:00 | 4500 | 500 | 4000 | NA | | 0 | |
| | | 18:00 to 24:00 | 4500 | 500 | 4000 | NA | | 0 | |
| | 06 Mar to 06 Mar | 00:00 to 06:00 | 4500 | 500 | 4000 | NA | | 0 | |
| | | 06:00 to 08:00 | 4500 | 500 | 4000 | NA | | 0 | |
| | | 08:00 to 18:00 | 3150 | 500 | 2650 | NA | | 0 | |
| | | 18:00 to 24:00 | 3150 | 500 | 2650 | NA | | 0 | |
| | 07 Mar to 11 Mar | 00:00 to 06:00 | 4500 | 500 | 4000 | NA | | 0 | |
| | | 06:00 to 18:00 | 4500 | 500 | 4000 | NA | | 0 | |
| 18:00 to 24:00 | | 4500 | 500 | 4000 | NA | | 0 | | |
| 12 Mar to 31 Mar | 00:00 to 06:00 | 6000 | 500 | 5500 | NA | | 0 | | |
| | 06:00 to 18:00 | 6000 | 500 | 5500 | NA | | 0 | | |
| | 18:00 to 24:00 | 6000 | 500 | 5500 | NA | | 0 | | |
| SR | 01 Mar to 01 Mar | 00:00 to 06:00 | 5150 | 650 | 4500 | NA | | 0 | |
| | | 06:00 to 18:00 | 6600 | 650 | 5950 | NA | | 0 | |
| | | 18:00 to 24:00 | 5150 | 650 | 4500 | NA | | 0 | |
| | 02 Mar to 02 Mar | 00:00 to 06:00 | 4900 | 650 | 4250 | NA | | 0 | |
| | | 06:00 to 18:00 | 6350 | 650 | 5700 | NA | | 0 | |
| | | 18:00 to 24:00 | 4900 | 650 | 4250 | NA | | 0 | |
| | 03 Mar to 13 Mar | 00:00 to 06:00 | 5150 | 650 | 4500 | NA | | 0 | |

| Corridor | Date | Time Period(hrs) | Total Transfer Capability(TTC) | Reliability Margin(RM) | Available Transfer Capability(ATC) | Approved GNA(MW) | Margin for T-GNA (MW) | Changes w.r.t. Previous Revision | Comment |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|--|
| | | 06:00 to 18:00 | 6600 | 650 | 5950 | NA | | 0 | |
| | | 18:00 to 24:00 | 5150 | 650 | 4500 | NA | | 0 | |
| | 14 Mar to 14 Mar | 00:00 to 06:00 | 5150 | 650 | 4500 | NA | | 0 | |
| | | 06:00 to 09:00 | 6600 | 650 | 5950 | NA | | 0 | |
| | | 09:00 to 18:00 | 5650 | 650 | 5000 | NA | | -950 | Due to the shutdown of 400 kV Kudgi (PG) - Kolhapur (PG) - 1 |
| | | 18:00 to 24:00 | 4200 | 650 | 3550 | NA | | -950 | |
| | 15 Mar to 31 Mar | 00:00 to 06:00 | 5150 | 650 | 4500 | NA | | 0 | |
| | | 06:00 to 18:00 | 6600 | 650 | 5950 | NA | | 0 | |
| | | 18:00 to 24:00 | 5150 | 650 | 4500 | NA | | 0 | |
| | WR | 01 Mar to 31 Mar | 00:00 to 24:00 | NA | NA | | NA | | 0 |

- Based on the actual distribution of corridor flows, Counter flow benefit on account of transactions in the reverse direction would be considered for short-term transactions wherever applicable.
- Considering 400 kV Rihand stage-III - Vindhyachal PS D/C line as inter-regional line for the purpose of scheduling, metering and accounting and 950 MW ex-bus generation in Rihand stage-III. Rihand Stage-III generation is considered as NR regional entity.
- S1 comprises of Telangana, AP and Karnataka; S2 comprises of Tamil Nadu and Puducherry; S3 comprises Kerala
- W3 comprises of the following regional entities : a) Chattisgarh Sell transaction, b) Jindal Power Limited (JPL) Stage-I & Stage-II, c) Jindal Steel and Power Limited (JSPL), d) ACBL, e) LANCO Amarkantak f) BALCO, g) Sterlite (#1,3,4), h) NSPCL, i) NTPC Korba I, II & III, j) NTPC Sipat I & II, k) KSK Mahanadi, l) DB Power, m) REGL (Previously KWPC), n) RKM, o) REL, p) Bharat Aluminium, q) MCCPL, r) SKS, s) TRN, t) NTPC Lara, u) Adani Power Limited Raipur and any other regional entity generator in Chhattisgarh
- The figure is based on GNA approved by CTU. In actual Operation, due to Units being on Maintenance/ Fuel shortage/New units being commissioned, the dispatches of units would vary. RLDC/NLDC would factor this situation on day-ahead basis. In the eventuality that net schedules exceed ATC, real time curtailments might be effected by RLDCs/NLDC.
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Limiting Constraints

| Corridor | Constraints | Revisions |
|----------|--|-----------|
| WR-NR | N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit | 0-11 |
| NR-ER | 1. Overloading of one circuit of 400 kV New Ranchi – New PPSP D/C on the tripping of the other circuit 2. Overloading of one circuit of 400 kV Kahalgaon – Farakka D/C on the tripping of the other circuit 3. Overloading of 400 kV Farakka – Sagardighi – 1 on the tripping of 400 kV Farakka – Sagardighi - 2 | 0-11 |
| WR-ER | 1. Overloading of one circuit of 400 kV New Ranchi – New PPSP D/C on the tripping of the other circuit 2. Overloading of one circuit of 400 kV Kahalgaon – Farakka D/C on the tripping of the other circuit 3. Overloading of 400 kV Farakka – Sagardighi – 1 on the tripping of 400 kV Farakka – Sagardighi - 2 | 0-11 |
| ER-NR | Inter-regional flow pattern towards NR | 0-11 |
| WR-SR | Outage of any one of the 2x1500 MVA, 765/400 kV ICTs at Maheswaram overloads the other ICT | 0-11 |
| ER-SR | 1. Low Voltage at Gazuwaka (East) Bus. | 0-11 |
| SR-WR | a) Angular separation between Kudgi & Kolhapur (PG) under N-1 of 765 kV Solapur - Raichur (PG) D/C touches 30 deg b) N-1 non-compliance of 2*1500 MVA, 765/400 kV ICTs at Section– A at Raigarh - PS(Kotra) with increase in HVDC Raigarh – Pugalur Bipole – II power order beyond 950 MW in SR to WR Direction (Solar Hours) c) N-1 non-compliance of 2*1500 MVA, 765/400 kV ICTs at Section– B at Raigarh -PS (Kotra) with increase in HVDC Raigarh – Pugalur Bipole – I power order beyond 450 MW in SR to WR Direction (Solar Hours) d) N-1 Contingency of 400 kV Pune – Kalwa will overload 400 kV Pune -Khargar and vice-versa | 0-11 |
| ER-NER | a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Balipara-Sonabil D/C | 0-11 |

| Corridor | Constraints | Revisions |
|------------|--|-----------|
| NER-ER | a) N-1 contingency of 400 kV Bongaigaon-Alipurduar I or II b) High Loading of 400 kV Bongaigaon- New Siliguri DC | 3-11 |
| NR_IMPORT | N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit | 0-11 |
| NR_EXPORT | 1. Outage of any one of the two circuits from 400 kV Kankroli to 400 kV Zerda shall overload the other circuit [First direct circuit: 400 kV Kankroli - Zerda S/C and Second circuit: 400 kV Kankroli - Bhinmal - Zerda (bypassed at at Bhinmal-PG)] | 10-11 |
| NER_IMPORT | a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Balipara-Sonabil D/C | 0-11 |
| NER_EXPORT | a) N-1 contingency of 400 kV Bongaigaon-Alipurduar I or II b) High Loading of 400 kV Bongaigaon- New Siliguri DC | 3-11 |
| SR_IMPORT | 1. Outage of any one of the 2x1500 MVA, 765/400 kV ICTs at Maheswaram overloads the other ICT 2. Low Voltage at Gazuwaka (East) Bus | 0-11 |
| SR_EXPORT | a) Angular separation between Kudgi & Kolhapur (PG) under N-1 of 765 kV Solapur - Raichur (PG) D/C touches 30 deg b) N-1 non-compliance of 2*1500 MVA, 765/400 kV ICTs at Section- A at Raigarh - PS(Kotra) with increase in HVDC Raigarh – Pugalur Bipole – II power order beyond 950 MW in SR to WR Direction (Solar Hours) c) N-1 non-compliance of 2*1500 MVA, 765/400 kV ICTs at Section- B at Raigarh -PS (Kotra) with increase in HVDC Raigarh – Pugalur Bipole – I power order beyond 450 MW in SR to WR Direction (Solar Hours) d) N-1 Contingency of 400 kV Pune – Kalwa will overload 400 kV Pune -Khargar and vice-versa | 0-11 |

Revision Summary

| Revision | Date Of Revision | Period Of Revision | Reason for Revision/Comment | Corridor Affected |
|----------|------------------|--------------------|--|-------------------|
| 1 | 28 Dec | 01 Mar to 31 Mar | Change in T-GNA Margin due to grant of additional 174 MW GNA to Uttar Pradesh from outside Northern Region | NR_IMPORT |
| | | 01 Mar to 31 Mar | Change in T-GNA Margin due to grant of additional 45 MW GNA to Mizoram from outside North Eastern Region | NER_IMPORT |
| 2 | 26 Jan | 01 Mar to 31 Mar | TTC/ATC revised in view of change in load generation balance and inter-regional flow pattern towards NR | WR-NR |
| | | 01 Mar to 31 Mar | TTC/ATC revised in view of change in load generation balance and inter-regional flow pattern towards NR | ER-NR |
| | | 01 Mar to 31 Mar | TTC/ATC increased with the Commissioning of 765/400 kV, 1500 MVA ICT - 3 at Nizamabad and Change in LGB | WR-SR |
| | | 01 Mar to 31 Mar | TTC/ATC increased with the Commissioning of 765/400 kV, 1500 MVA ICT - 3 at Nizamabad and Change in LGB | ER-SR |
| | | 01 Mar to 31 Mar | TTC/ATC revised in view of change in load generation balance and inter-regional flow pattern towards NR | NR_IMPORT |
| | | 01 Mar to 31 Mar | TTC/ATC increased with the Commissioning of 765/400 kV, 1500 MVA ICT - 3 at Nizamabad and Change in LGB | SR_IMPORT |
| 3 | 28 Feb | 01 Mar to 31 Mar | Revised T-GNA margin due to approval of 500 MW of GNA for Andhra Pradesh from Outside Southern Region | SR_IMPORT |
| 4 | 28 Feb | 01 Mar to 31 Mar | TTC/ATC revised due to change in LGB | ER-NER |
| | | 01 Mar to 31 Mar | TTC/ATC revised due to change in LGB | NER-ER |
| | | 01 Mar to 31 Mar | TTC/ATC revised due to change in LGB | NER_IMPORT |
| | | 01 Mar to 31 Mar | TTC/ATC revised due to change in LGB | NER_EXPORT |
| 5 | 01 Mar | 02 Mar to 02 Mar | TTC/ATC curtailed due to shutdown of HVDC Bhadrawati pole 2 | WR-SR |
| | | 02 Mar to 02 Mar | TTC/ATC curtailed due to shutdown of HVDC Bhadrawati pole 2 | ER-SR |
| | | 02 Mar to 02 Mar | TTC/ATC curtailed due to shutdown of HVDC Bhadrawati pole 2 | SR_IMPORT |
| 6 | 01 Mar | 02 Mar to 31 Mar | TTC/ATC revised due to revival of 400 KV Jodhpur-Kankroli | NR-WR |
| | | 02 Mar to 02 Mar | TTC/ATC curtailed due to shutdown of HVDC Bhadrawati pole 2 | SR-WR |
| | | 02 Mar to 31 Mar | TTC/ATC revised due to revival of 400 KV Jodhpur-Kankroli | NR_EXPORT |
| | | 02 Mar to 02 Mar | TTC/ATC curtailed due to shutdown of HVDC Bhadrawati pole 2 | SR_EXPORT |
| 7 | 04 Mar | 06 Mar to 06 Mar | TTC/ATC curtailed due to the shutdown of 400 KV Zerda-Kankroli-1 | NR-WR |

| Revision | Date Of Revision | Period Of Revision | Reason for Revision/Comment | Corridor Affected |
|----------|------------------|--------------------|---|-------------------|
| | | 06 Mar to 06 Mar | TTC/ATC curtailed due to the shutdown of 400 KV Zerda-Kankroli-1 | NR_EXPORT |
| 8 | 05 Mar | 07 Mar to 12 Mar | TTC/ATC revised due to the shutdown of Ranganadi HEP | ER-NER |
| | | 07 Mar to 12 Mar | TTC/ATC revised due to the shutdown of Ranganadi HEP | NER_IMPORT |
| 9 | 10 Mar | 11 Mar to 11 Mar | ATC-TTC curtailed due to the shutdown of 765kV Jabalpur - Orai ckt 2 | WR-NR |
| | | 11 Mar to 11 Mar | ATC-TTC curtailed due to the shutdown of 765kV Jabalpur - Orai ckt 2 | ER-NR |
| | | 11 Mar to 11 Mar | ATC-TTC curtailed due to the shutdown of 765kV Jabalpur - Orai ckt 2 | NR_IMPORT |
| 10 | 11 Mar | 12 Mar to 31 Mar | Enhancement in TTC due to Bypassing of 400 kV Kankroli - Bhinmal and 400 kV Bhinmal - Zerda at Bhinmal - PG (Temporary Arrangement) | NR-WR |
| | | 12 Mar to 31 Mar | Enhancement in TTC due to Bypassing of 400 kV Kankroli - Bhinmal and 400 kV Bhinmal - Zerda at Bhinmal - PG (Temporary Arrangement) | NR_EXPORT |
| 11 | 12 Mar | 14 Mar to 14 Mar | Due to the shutdown of 400 kV Kudgi (PG) - Kolhapur (PG) - 1 | SR-WR |
| | | 14 Mar to 14 Mar | Due to the shutdown of 400 kV Kudgi (PG) - Kolhapur (PG) - 1 | SR_EXPORT |

| ASSUMPTIONS IN BASECASE | | | | | |
|-------------------------|----------------------------|--------------------|-----------------|--------------------|-----------------|
| Month : March'24 | | | | | |
| S.No. | Name of State/Area | Demand | | Generation | |
| | | Non-Solar Peak(MW) | Solar Peak (MW) | Non-Solar Peak(MW) | Solar Peak (MW) |
| I | NORTHERN REGION | | | | |
| 1 | Punjab | 7031 | 7510 | 4881 | 4940 |
| 2 | Haryana | 7418 | 7386 | 3037 | 3499 |
| 3 | Rajasthan | 13248 | 16311 | 8225 | 10042 |
| 4 | Delhi | 4405 | 5136 | 564 | 545 |
| 5 | Uttar Pradesh | 22062 | 18685 | 10734 | 11973 |
| 6 | Uttarakhand | 2375 | 2108 | 694 | 463 |
| 7 | Himachal Pradesh | 1985 | 1936 | 474 | 302 |
| 8 | Jammu & Kashmir | 3311 | 2984 | 264 | 206 |
| 9 | Chandigarh | 266 | 258 | 0 | 0 |
| 10 | ISGS/IPPs | 105 | 105 | 18638 | 22308 |
| | Total NR | 62206 | 62419 | 47511 | 54278 |
| II | EASTERN REGION | | | | |
| 1 | Bihar | 5063 | 4065 | 464 | 458 |
| 2 | Jharkhand | 1407 | 1559 | 410 | 365 |
| 3 | Damodar Valley Corporation | 3416 | 3284 | 5273 | 5244 |
| 4 | Orissa | 5269 | 4919 | 3608 | 3496 |
| 5 | West Bengal | 7175 | 6925 | 6049 | 5781 |
| 6 | Sikkim | 116 | 109 | 0 | 0 |
| 7 | Bhutan | 32 | 50 | 107 | 228 |
| 8 | ISGS/IPPs | 928 | 917 | 18890 | 15263 |
| | Total ER | 23406 | 21828 | 34802 | 30835 |
| III | WESTERN REGION | | | | |
| 1 | Maharashtra | 24878 | 25141 | 15943 | 16380 |
| 2 | Gujarat | 18292 | 17984 | 6324 | 6349 |
| 3 | Madhya Pradesh | 15567 | 16371 | 6053 | 6073 |
| 4 | Chattisgarh | 4447 | 4465 | 1823 | 1592 |
| 5 | DD & DNH | 984 | 867 | 0 | 0 |
| 6 | Goa-WR | 660 | 554 | 0 | 0 |
| 7 | ISGS/IPPs | 2463 | 1937 | 53004 | 49159 |

| | | | | | |
|----|----------------------|--------|--------|--------|--------|
| | Total WR | 67290 | 67320 | 83147 | 79553 |
| | | | | | |
| IV | SOUTHERN REGION | | | | |
| 1 | Andhra Pradesh | 8005 | 10681 | 6952 | 8203 |
| 2 | Telangana | 10834 | 14680 | 5212 | 6980 |
| 3 | Karnataka | 12118 | 15214 | 6579 | 9390 |
| 4 | Tamil Nadu | 16381 | 16743 | 6524 | 9609 |
| 5 | Kerala | 4221 | 3432 | 1510 | 340 |
| 6 | Pondy | 493 | 494 | 0 | 0 |
| 7 | Goa-SR | 109 | 109 | 0 | 0 |
| 8 | ISGS/IPPs | 0 | 0 | 19847 | 21748 |
| | Total SR | 52162 | 61353 | 46623 | 56270 |
| | | | | | |
| V | NORTH-EASTERN REGION | | | | |
| 1 | Arunachal Pradesh | 166 | 101 | 0 | 0 |
| 2 | Assam | 1441 | 1146 | 275 | 428 |
| 3 | Manipur | 262 | 139 | 0 | 0 |
| 4 | Meghalaya | 471 | 350 | 144 | 12 |
| 5 | Mizoram | 171 | 141 | 33 | 8 |
| 6 | Nagaland | 158 | 120 | 15 | 7 |
| 7 | Tripura | 369 | 318 | 190 | 187 |
| 8 | ISGS/IPPs | 0 | 0 | 3308 | 2557 |
| | Total NER | 3038 | 2314 | 3964 | 3200 |
| | | | | | |
| | Total All India | 208065 | 215177 | 215925 | 223878 |