

**National Load Despatch Centre
Total Transfer Capability for Dec 2023**

Issue Date:Dec 28 2023

Issue Time:11:13:15

Revision No :23

| 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 Dec to 12 Dec | 00:00 to 17:00 | 1950 | 60 | 1890 | NA | | 0 | | |
| | | 17:00 to 21:00 | 1600 | 60 | 1540 | NA | | 0 | | |
| | | 21:00 to 24:00 | 1950 | 60 | 1890 | NA | | 0 | | |
| | 13 Dec to 13 Dec | 00:00 to 07:00 | 1950 | 60 | 1890 | NA | | 0 | | |
| | | 07:00 to 17:00 | 1650 | 60 | 1590 | NA | | 0 | | |
| | | 17:00 to 21:00 | 1300 | 60 | 1240 | NA | | 0 | | |
| | | 21:00 to 24:00 | 1650 | 60 | 1590 | NA | | 0 | | |
| | 14 Dec to 15 Dec | 00:00 to 17:00 | 1950 | 60 | 1890 | NA | | 0 | | |
| | | 17:00 to 21:00 | 1600 | 60 | 1540 | NA | | 0 | | |
| | | 21:00 to 24:00 | 1950 | 60 | 1890 | NA | | 0 | | |
| | 16 Dec to 17 Dec | 00:00 to 07:00 | 1950 | 60 | 1890 | NA | | 0 | | |
| | | 07:00 to 17:00 | 1650 | 60 | 1590 | NA | | 0 | | |
| | | 17:00 to 21:00 | 1300 | 60 | 1240 | NA | | 0 | | |
| | | 21:00 to 24:00 | 1650 | 60 | 1590 | NA | | 0 | | |
| | 18 Dec to 19 Dec | 00:00 to 07:00 | 1950 | 60 | 1890 | NA | | 0 | | |
| | | 07:00 to 17:00 | 1650 | 60 | 1590 | NA | | 0 | | |
| | | 17:00 to 21:00 | 1300 | 60 | 1240 | NA | | 0 | | |
| | | 21:00 to 24:00 | 1650 | 60 | 1590 | NA | | 0 | | |
| | 20 Dec to 31 Dec | 00:00 to 17:00 | 1950 | 60 | 1890 | NA | | 0 | | |
| | | 17:00 to 21:00 | 1600 | 60 | 1540 | NA | | 0 | | |
| | | 21:00 to 24:00 | 1950 | 60 | 1890 | NA | | 0 | | |
| | ER-NR | 01 Dec to 01 Dec | 00:00 to 08:00 | 8000 | 400 | 7600 | NA | | 0 | |
| | | | 08:00 to 24:00 | 7800 | 400 | 7400 | NA | | 0 | |
| | | 02 Dec to 02 Dec | 00:00 to 08:00 | 8000 | 400 | 7600 | NA | | 0 | |
| 08:00 to 09:15 | | | 7800 | 400 | 7400 | NA | | 0 | | |
| 09:15 to 24:00 | | | 7550 | 400 | 7150 | NA | | 0 | | |
| 03 Dec to 03 Dec | | 00:00 to 08:00 | 8000 | 400 | 7600 | NA | | 0 | | |
| | 08:00 to 24:00 | 7800 | 400 | 7400 | 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 |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---|
| | 04 Dec to 04 Dec | 00:00 to 08:00 | 8000 | 400 | 7600 | NA | | 0 | |
| | | 08:00 to 24:00 | 7800 | 400 | 7400 | NA | | 0 | |
| | 05 Dec to 05 Dec | 00:00 to 08:00 | 8000 | 400 | 7600 | NA | | 0 | |
| | | 08:00 to 24:00 | 7800 | 400 | 7400 | NA | | 0 | |
| | 06 Dec to 06 Dec | 00:00 to 08:00 | 8000 | 400 | 7600 | NA | | 0 | |
| | | 08:00 to 24:00 | 7800 | 400 | 7400 | NA | | 0 | |
| | 07 Dec to 11 Dec | 00:00 to 24:00 | 8000 | 400 | 7600 | NA | | 0 | |
| | 12 Dec to 12 Dec | 00:00 to 09:00 | 8000 | 400 | 7600 | NA | | 0 | |
| | | 09:00 to 24:00 | 7700 | 400 | 7300 | NA | | 0 | |
| | 13 Dec to 13 Dec | 00:00 to 08:00 | 8000 | 400 | 7600 | NA | | 0 | |
| | | 08:00 to 24:00 | 7300 | 400 | 6900 | NA | | 0 | |
| | 14 Dec to 28 Dec | 00:00 to 24:00 | 7300 | 400 | 6900 | NA | | 0 | |
| | 29 Dec to 31 Dec | 00:00 to 24:00 | 7300 | 400 | 6900 | NA | | -700 | TTC/ATC curtailed due to the extension of shutdown of 800 KV HVDC KURUKSHETRA-CHAMPA (PG) CKT-1, 2, 3 & 4 |
| ER-SR | 01 Dec to 01 Dec | 00:00 to 07:00 | 6000 | 350 | 5650 | NA | | 0 | |
| | | 07:00 to 18:00 | 5950 | 350 | 5600 | NA | | 0 | |
| | | 18:00 to 24:00 | 5950 | 350 | 5600 | NA | | 0 | |
| | 02 Dec to 05 Dec | 00:00 to 06:00 | 5950 | 350 | 5600 | NA | | 0 | |
| | | 06:00 to 18:00 | 5950 | 350 | 5600 | NA | | 0 | |
| | | 18:00 to 24:00 | 5950 | 350 | 5600 | NA | | 0 | |
| | 06 Dec to 07 Dec | 00:00 to 06:00 | 5950 | 350 | 5600 | NA | | 0 | |
| | | 06:00 to 18:00 | 5950 | 350 | 5600 | NA | | 0 | |
| | | 18:00 to 24:00 | 5950 | 350 | 5600 | NA | | 0 | |
| | 08 Dec to 08 Dec | 00:00 to 06:00 | 5950 | 350 | 5600 | NA | | 0 | |
| | | 06:00 to 08:00 | 5950 | 350 | 5600 | NA | | 0 | |
| | | 08:00 to 18:00 | 5950 | 350 | 5600 | NA | | 0 | |
| | | 18:00 to 24:00 | 5950 | 350 | 5600 | NA | | 0 | |
| | 09 Dec to 09 Dec | 00:00 to 06:00 | 5950 | 350 | 5600 | NA | | 0 | |
| | | 06:00 to 18:00 | 5950 | 350 | 5600 | 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 |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
| | | 18:00 to 24:00 | 5950 | 350 | 5600 | NA | | 0 | |
| | 10 Dec to 10 Dec | 00:00 to 06:00 | 6000 | 350 | 5650 | NA | | 0 | |
| | | 06:00 to 18:00 | 6000 | 350 | 5650 | NA | | 0 | |
| | | 18:00 to 24:00 | 6000 | 350 | 5650 | NA | | 0 | |
| | 11 Dec to 17 Dec | 00:00 to 06:00 | 6000 | 350 | 5650 | NA | | 0 | |
| | | 06:00 to 18:00 | 6000 | 350 | 5650 | NA | | 0 | |
| | | 18:00 to 24:00 | 6000 | 350 | 5650 | NA | | 0 | |
| | 18 Dec to 18 Dec | 00:00 to 06:00 | 6000 | 350 | 5650 | NA | | 0 | |
| | | 06:00 to 07:00 | 6000 | 350 | 5650 | NA | | 0 | |
| | | 07:00 to 18:00 | 5400 | 350 | 5050 | NA | | 0 | |
| | | 18:00 to 24:00 | 5400 | 350 | 5050 | NA | | 0 | |
| | 19 Dec to 31 Dec | 00:00 to 06:00 | 5400 | 350 | 5050 | NA | | 0 | |
| | | 06:00 to 18:00 | 5400 | 350 | 5050 | NA | | 0 | |
| | | 18:00 to 24:00 | 5400 | 350 | 5050 | NA | | 0 | |
| ER-W3 | 01 Dec to 31 Dec | 00:00 to 24:00 | No limit is being specified. | | | | | | |
| ER-WR | 01 Dec to 31 Dec | 00:00 to 24:00 | NA | NA | | NA | | 0 | |
| NER-ER | 01 Dec to 31 Dec | 00:00 to 17:00 | 2900 | 60 | 2840 | NA | | 0 | |
| | | 17:00 to 21:00 | 2900 | 60 | 2840 | NA | | 0 | |
| | | 21:00 to 24:00 | 2900 | 60 | 2840 | NA | | 0 | |
| NR-ER | 01 Dec to 31 Dec | 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 Dec to 07 Dec | 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 | |
| | 08 Dec to 08 Dec | 00:00 to 09:30 | 4000 | 500 | 3500 | NA | | 0 | |
| | | 09:30 to 18:00 | 3750 | 500 | 3250 | NA | | 0 | |
| | | 18:00 to 24:00 | 3750 | 500 | 3250 | NA | | 0 | |
| | 09 Dec to 11 | 00:00 to 06:00 | 4000 | 500 | 3500 | 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 |
|----------|------------------|------------------|--------------------------------|------------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
| | Dec | 06:00 to 18:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | | 18:00 to 24:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | 12 Dec to 12 Dec | 00:00 to 06:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | | 06:00 to 09:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | | 09:00 to 18:00 | 2250 | 500 | 1750 | NA | | 0 | |
| | | 18:00 to 24:00 | 2250 | 500 | 1750 | NA | | 0 | |
| | 13 Dec to 14 Dec | 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 | |
| | 15 Dec to 15 Dec | 00:00 to 06:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | | 06:00 to 09:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | | 09:00 to 18:00 | 2250 | 500 | 1750 | NA | | 0 | |
| | | 18:00 to 24:00 | 2250 | 500 | 1750 | NA | | 0 | |
| | 16 Dec to 19 Dec | 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 | |
| | 20 Dec to 20 Dec | 00:00 to 06:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | | 06:00 to 09:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | | 09:00 to 18:00 | 2250 | 500 | 1750 | NA | | 0 | |
| | | 18:00 to 24:00 | 2250 | 500 | 1750 | NA | | 0 | |
| | 21 Dec to 31 Dec | 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 | |
| | SR-ER | 01 Dec to 31 Dec | 00:00 to 24:00 | No limit is being specified. | | | | | |
| SR-WR | 01 Dec to 15 Dec | 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 | |
| | 16 Dec to 17 Dec | 00:00 to 06:00 | 6000 | 650 | 5350 | NA | | 0 | |
| | | 06:00 to 18:00 | 6800 | 650 | 6150 | NA | | 0 | |

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|--------------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
| | 18 Dec to 31 Dec | 18:00 to 24:00 | 6000 | 650 | 5350 | NA | | 0 | |
| | | 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 Dec to 31 Dec | 00:00 to 24:00 | NA | NA | | NA | | 0 | |
| W3-ER | 01 Dec to 31 Dec | 00:00 to 24:00 | No limit is being specified. | | | | | | |
| WR-ER | 01 Dec to 31 Dec | 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 Dec to 01 Dec | 00:00 to 06:00 | 17800 | 1000 | 16800 | NA | | 0 | |
| | | 06:00 to 08:00 | 17800 | 1000 | 16800 | NA | | 0 | |
| | | 08:00 to 18:00 | 17100 | 1000 | 16100 | NA | | 0 | |
| | | 18:00 to 24:00 | 17100 | 1000 | 16100 | NA | | 0 | |
| | 02 Dec to 02 Dec | 00:00 to 06:00 | 17800 | 1000 | 16800 | NA | | 0 | |
| | | 06:00 to 08:00 | 17800 | 1000 | 16800 | NA | | 0 | |
| | | 08:00 to 09:15 | 17100 | 1000 | 16100 | NA | | 0 | |
| | | 09:15 to 18:00 | 16600 | 1000 | 15600 | NA | | 0 | |
| | | 18:00 to 24:00 | 16600 | 1000 | 15600 | NA | | 0 | |
| | 03 Dec to 03 Dec | 00:00 to 06:00 | 17800 | 1000 | 16800 | NA | | 0 | |
| | | 06:00 to 08:00 | 17800 | 1000 | 16800 | NA | | 0 | |
| | | 08:00 to 18:00 | 17100 | 1000 | 16100 | NA | | 0 | |
| | | 18:00 to 24:00 | 17100 | 1000 | 16100 | NA | | 0 | |
| | 04 Dec to 04 Dec | 00:00 to 06:00 | 17800 | 1000 | 16800 | NA | | 0 | |
| | | 06:00 to 08:00 | 17800 | 1000 | 16800 | NA | | 0 | |
| | | 08:00 to 18:00 | 17100 | 1000 | 16100 | NA | | 0 | |
| | | 18:00 to 24:00 | 17100 | 1000 | 16100 | NA | | 0 | |
| | 05 Dec to 05 Dec | 00:00 to 06:00 | 17800 | 1000 | 16800 | NA | | 0 | |
| | | 06:00 to 08:00 | 17800 | 1000 | 16800 | NA | | 0 | |
| | | 08:00 to 18:00 | 17100 | 1000 | 16100 | 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 |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---|
| | | 18:00 to 24:00 | 17100 | 1000 | 16100 | NA | | 0 | |
| | 06 Dec to 06 Dec | 00:00 to 06:00 | 17800 | 1000 | 16800 | NA | | 0 | |
| | | 06:00 to 08:00 | 17800 | 1000 | 16800 | NA | | 0 | |
| | | 08:00 to 18:00 | 17100 | 1000 | 16100 | NA | | 0 | |
| | | 18:00 to 24:00 | 17100 | 1000 | 16100 | NA | | 0 | |
| | 07 Dec to 11 Dec | 00:00 to 06:00 | 17800 | 1000 | 16800 | NA | | 0 | |
| | | 06:00 to 18:00 | 17800 | 1000 | 16800 | NA | | 0 | |
| | | 18:00 to 24:00 | 17800 | 1000 | 16800 | NA | | 0 | |
| | 12 Dec to 12 Dec | 00:00 to 06:00 | 17800 | 1000 | 16800 | NA | | 0 | |
| | | 06:00 to 09:00 | 17800 | 1000 | 16800 | NA | | 0 | |
| | | 09:00 to 18:00 | 16200 | 1000 | 15200 | NA | | 0 | |
| | | 18:00 to 24:00 | 16200 | 1000 | 15200 | NA | | 0 | |
| | 13 Dec to 13 Dec | 00:00 to 08:00 | 17800 | 1000 | 16800 | NA | | 0 | |
| | | 08:00 to 24:00 | 12700 | 1000 | 11700 | NA | | 0 | |
| | 14 Dec to 28 Dec | 00:00 to 24:00 | 12700 | 1000 | 11700 | NA | | 0 | |
| | 29 Dec to 31 Dec | 00:00 to 24:00 | 12700 | 1000 | 11700 | NA | | -5100 | TTC/ATC curtailed due to the extension of shutdown of 800 KV HVDC KURUKSHETRA-CHAMPA (PG) CKT-1, 2, 3 & 4 |
| WR-SR | 01 Dec to 01 Dec | 00:00 to 06:00 | 14700 | 650 | 14050 | NA | | 0 | |
| | | 06:00 to 07:00 | 14700 | 650 | 14050 | NA | | 0 | |
| | | 07:00 to 18:00 | 14250 | 650 | 13600 | NA | | 0 | |
| | | 18:00 to 24:00 | 14250 | 650 | 13600 | NA | | 0 | |
| | 02 Dec to 05 Dec | 00:00 to 06:00 | 14250 | 650 | 13600 | NA | | 0 | |
| | | 06:00 to 18:00 | 14250 | 650 | 13600 | NA | | 0 | |
| | | 18:00 to 24:00 | 14250 | 650 | 13600 | NA | | 0 | |
| | 06 Dec to 09 Dec | 00:00 to 06:00 | 14250 | 650 | 13600 | NA | | 0 | |
| | | 06:00 to 18:00 | 14250 | 650 | 13600 | NA | | 0 | |
| | | 18:00 to 24:00 | 14250 | 650 | 13600 | NA | | 0 | |
| | 10 Dec to 10 Dec | 00:00 to 06:00 | 14700 | 650 | 14050 | NA | | 0 | |
| | | 06:00 to 18:00 | 14700 | 650 | 14050 | NA | | 0 | |

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|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|--|
| | | 18:00 to 24:00 | 14700 | 650 | 14050 | NA | | 0 | |
| | 11 Dec to 15 Dec | 00:00 to 06:00 | 14700 | 650 | 14050 | NA | | 0 | |
| | | 06:00 to 18:00 | 14700 | 650 | 14050 | NA | | 0 | |
| | | 18:00 to 24:00 | 14700 | 650 | 14050 | NA | | 0 | |
| | | 00:00 to 06:00 | 14700 | 650 | 14050 | NA | | 0 | |
| | 16 Dec to 17 Dec | 06:00 to 18:00 | 8700 | 650 | 8050 | NA | | 0 | |
| | | 18:00 to 24:00 | 8700 | 650 | 8050 | NA | | 0 | |
| | | 00:00 to 06:00 | 14700 | 650 | 14050 | NA | | 0 | |
| | 18 Dec to 18 Dec | 06:00 to 07:00 | 14700 | 650 | 14050 | NA | | 0 | |
| | | 07:00 to 18:00 | 14300 | 650 | 13650 | NA | | 0 | |
| | | 18:00 to 24:00 | 14300 | 650 | 13650 | NA | | 0 | |
| | | 00:00 to 06:00 | 14300 | 650 | 13650 | NA | | 0 | |
| | 19 Dec to 23 Dec | 06:00 to 18:00 | 14300 | 650 | 13650 | NA | | 0 | |
| | | 18:00 to 24:00 | 14300 | 650 | 13650 | NA | | 0 | |
| | | 00:00 to 06:00 | 14300 | 650 | 13650 | NA | | 0 | |
| | 24 Dec to 24 Dec | 06:00 to 07:00 | 14300 | 650 | 13650 | NA | | 0 | |
| | | 07:00 to 18:00 | 13750 | 650 | 13100 | NA | | 0 | |
| | | 18:00 to 24:00 | 13750 | 650 | 13100 | NA | | 0 | |
| | | 00:00 to 06:00 | 14300 | 650 | 13650 | NA | | 0 | |
| | 25 Dec to 28 Dec | 06:00 to 18:00 | 14300 | 650 | 13650 | NA | | 0 | |
| | | 18:00 to 24:00 | 14300 | 650 | 13650 | NA | | 0 | |
| | | 00:00 to 08:00 | 14300 | 650 | 13650 | NA | | 0 | |
| | 29 Dec to 29 Dec | 08:00 to 24:00 | 14300 | 650 | 13650 | NA | | 1250 | TTC/ATC Restored due to the deferment of HVDC Raigarh - Pugalur - Pole 4 |
| | | 00:00 to 06:00 | 14300 | 650 | 13650 | NA | | 0 | |
| | 30 Dec to 31 Dec | 06:00 to 18:00 | 14300 | 650 | 13650 | NA | | 0 | |
| | | 18:00 to 24:00 | 14300 | 650 | 13650 | NA | | 0 | |
| | | 00:00 to 06:00 | 14300 | 650 | 13650 | NA | | 0 | |

- Based on the actual distribution of corridor flows, Counter flow benefit on account of LTA/MTOA 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 LTA/MTOA approved by CTU and Allocation figures as per RPCs RTA/REA. In actual Operation, due to Units being on Maintenance/ Fuel shortage/New units being commissioned the LTA/MTOA utilized 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 Dec to 31 Dec | 00:00 to 24:00 | NA | NA | | 3088 | NA | 0 | | |
| NER | 01 Dec to 12 Dec | 00:00 to 17:00 | 1450 | 60 | 1390 | 446 | 944 | 0 | | |
| | | 17:00 to 21:00 | 1100 | 60 | 1040 | 446 | 594 | 0 | | |
| | | 21:00 to 24:00 | 1450 | 60 | 1390 | 446 | 944 | 0 | | |
| | 13 Dec to 13 Dec | 00:00 to 07:00 | 1450 | 60 | 1390 | 446 | 944 | 0 | | |
| | | 07:00 to 17:00 | 1150 | 60 | 1090 | 446 | 644 | 0 | | |
| | | 17:00 to 21:00 | 800 | 60 | 740 | 446 | 294 | 0 | | |
| | | 21:00 to 24:00 | 1150 | 60 | 1090 | 446 | 644 | 0 | | |
| | 14 Dec to 15 Dec | 00:00 to 17:00 | 1450 | 60 | 1390 | 446 | 944 | 0 | | |
| | | 17:00 to 21:00 | 1100 | 60 | 1040 | 446 | 594 | 0 | | |
| | | 21:00 to 24:00 | 1450 | 60 | 1390 | 446 | 944 | 0 | | |
| | 16 Dec to 17 Dec | 00:00 to 07:00 | 1450 | 60 | 1390 | 446 | 944 | 0 | | |
| | | 07:00 to 17:00 | 1150 | 60 | 1090 | 446 | 644 | 0 | | |
| | | 17:00 to 21:00 | 800 | 60 | 740 | 446 | 294 | 0 | | |
| | | 21:00 to 24:00 | 1150 | 60 | 1090 | 446 | 644 | 0 | | |
| | 18 Dec to 19 Dec | 00:00 to 07:00 | 1450 | 60 | 1390 | 446 | 944 | 0 | | |
| | | 07:00 to 17:00 | 1150 | 60 | 1090 | 446 | 644 | 0 | | |
| | | 17:00 to 21:00 | 800 | 60 | 740 | 446 | 294 | 0 | | |
| | | 21:00 to 24:00 | 1150 | 60 | 1090 | 446 | 644 | 0 | | |
| | 20 Dec to 31 Dec | 00:00 to 17:00 | 1450 | 60 | 1390 | 446 | 944 | 0 | | |
| | | 17:00 to 21:00 | 1100 | 60 | 1040 | 446 | 594 | 0 | | |
| | | 21:00 to 24:00 | 1450 | 60 | 1390 | 446 | 944 | 0 | | |
| | NR | 01 Dec to 01 Dec | 00:00 to 06:00 | 25800 | 1400 | 24400 | 17170 | 7230 | 0 | |
| | | | 06:00 to | 25800 | 1400 | 24400 | 17170 | 7230 | 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 |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
| | | 08:00 | | | | | | | |
| | | 08:00 to 18:00 | 24900 | 1400 | 23500 | 17170 | 6330 | 0 | |
| | | 18:00 to 24:00 | 24900 | 1400 | 23500 | 17170 | 6330 | 0 | |
| | 02 Dec to 02 Dec | 00:00 to 06:00 | 25800 | 1400 | 24400 | 17170 | 7230 | 0 | |
| | | 06:00 to 08:00 | 25800 | 1400 | 24400 | 17170 | 7230 | 0 | |
| | | 08:00 to 09:15 | 24900 | 1400 | 23500 | 17170 | 6330 | 0 | |
| | | 09:15 to 18:00 | 24150 | 1400 | 22750 | 17170 | 5580 | 0 | |
| | | 18:00 to 24:00 | 24150 | 1400 | 22750 | 17170 | 5580 | 0 | |
| | 03 Dec to 03 Dec | 00:00 to 06:00 | 25800 | 1400 | 24400 | 17170 | 7230 | 0 | |
| | | 06:00 to 08:00 | 25800 | 1400 | 24400 | 17170 | 7230 | 0 | |
| | | 08:00 to 18:00 | 24900 | 1400 | 23500 | 17170 | 6330 | 0 | |
| | | 18:00 to 24:00 | 24900 | 1400 | 23500 | 17170 | 6330 | 0 | |
| | 04 Dec to 04 Dec | 00:00 to 06:00 | 25800 | 1400 | 24400 | 17170 | 7230 | 0 | |
| | | 06:00 to 08:00 | 25800 | 1400 | 24400 | 17170 | 7230 | 0 | |
| | | 08:00 to 18:00 | 24900 | 1400 | 23500 | 17170 | 6330 | 0 | |
| | | 18:00 to 24:00 | 24900 | 1400 | 23500 | 17170 | 6330 | 0 | |
| | 05 Dec to 05 Dec | 00:00 to 06:00 | 25800 | 1400 | 24400 | 17170 | 7230 | 0 | |
| | | 06:00 to 08:00 | 25800 | 1400 | 24400 | 17170 | 7230 | 0 | |
| | | 08:00 to 18:00 | 24900 | 1400 | 23500 | 17170 | 6330 | 0 | |
| | | 18:00 to 24:00 | 24900 | 1400 | 23500 | 17170 | 6330 | 0 | |
| | 06 Dec to 06 Dec | 00:00 to 06:00 | 25800 | 1400 | 24400 | 17170 | 7230 | 0 | |
| | | 06:00 to 08:00 | 25800 | 1400 | 24400 | 17170 | 7230 | 0 | |
| | | 08:00 to 18:00 | 24900 | 1400 | 23500 | 17170 | 6330 | 0 | |
| | | 18:00 to 24:00 | 24900 | 1400 | 23500 | 17170 | 6330 | 0 | |
| | 07 Dec to 11 Dec | 00:00 to 06:00 | 25800 | 1400 | 24400 | 17170 | 7230 | 0 | |
| | | 06:00 to 18:00 | 25800 | 1400 | 24400 | 17170 | 7230 | 0 | |
| | | 18:00 to 24:00 | 25800 | 1400 | 24400 | 17170 | 7230 | 0 | |
| | 12 Dec to 12 Dec | 00:00 to 06:00 | 25800 | 1400 | 24400 | 17170 | 7230 | 0 | |
| | | 06:00 to 09:00 | 25800 | 1400 | 24400 | 17170 | 7230 | 0 | |
| | | 09:00 to 18:00 | 23900 | 1400 | 22500 | 17170 | 5330 | 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 |
|------------------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---|
| | | 18:00 to 24:00 | 23900 | 1400 | 22500 | 17170 | 5330 | 0 | |
| | 13 Dec to 13 Dec | 00:00 to 08:00 | 25800 | 1400 | 24400 | 17170 | 7230 | 0 | |
| | | 08:00 to 24:00 | 20000 | 1400 | 18600 | 17170 | 1430 | 0 | |
| | 14 Dec to 28 Dec | 00:00 to 24:00 | 20000 | 1400 | 18600 | 17170 | 1430 | 0 | |
| | 29 Dec to 31 Dec | 00:00 to 24:00 | 20000 | 1400 | 18600 | 17170 | 1430 | -5800 | TTC/ATC curtailed due to the extension of shutdown of 800 KV HVDC KURUKSHETRA-CHAMPA (PG) CKT-1, 2, 3 & 4 |
| SR | 01 Dec to 01 Dec | 00:00 to 07:00 | 20700 | 1000 | 19700 | 6601 | 13099 | 0 | |
| | | 07:00 to 18:00 | 20200 | 1000 | 19200 | 6601 | 12599 | 0 | |
| | | 18:00 to 24:00 | 20200 | 1000 | 19200 | 6601 | 12599 | 0 | |
| | 02 Dec to 05 Dec | 00:00 to 07:00 | 20200 | 1000 | 19200 | 6601 | 12599 | 0 | |
| | | 07:00 to 24:00 | 20200 | 1000 | 19200 | 6601 | 12599 | 0 | |
| | 06 Dec to 07 Dec | 00:00 to 06:00 | 20200 | 1000 | 19200 | 6601 | 12599 | 0 | |
| | | 06:00 to 18:00 | 20200 | 1000 | 19200 | 6601 | 12599 | 0 | |
| | | 18:00 to 24:00 | 20200 | 1000 | 19200 | 6601 | 12599 | 0 | |
| | 08 Dec to 08 Dec | 00:00 to 06:00 | 20200 | 1000 | 19200 | 6601 | 12599 | 0 | |
| | | 06:00 to 08:00 | 20200 | 1000 | 19200 | 6601 | 12599 | 0 | |
| | | 08:00 to 18:00 | 20200 | 1000 | 19200 | 6601 | 12599 | 0 | |
| | | 18:00 to 24:00 | 20200 | 1000 | 19200 | 6601 | 12599 | 0 | |
| | 09 Dec to 09 Dec | 00:00 to 06:00 | 20200 | 1000 | 19200 | 6601 | 12599 | 0 | |
| | | 06:00 to 18:00 | 20200 | 1000 | 19200 | 6601 | 12599 | 0 | |
| | | 18:00 to 24:00 | 20200 | 1000 | 19200 | 6601 | 12599 | 0 | |
| | 10 Dec to 10 Dec | 00:00 to 06:00 | 20700 | 1000 | 19700 | 6601 | 13099 | 0 | |
| | | 06:00 to 18:00 | 20700 | 1000 | 19700 | 6601 | 13099 | 0 | |
| | | 18:00 to 24:00 | 20700 | 1000 | 19700 | 6601 | 13099 | 0 | |
| | 11 Dec to 15 Dec | 00:00 to 06:00 | 20700 | 1000 | 19700 | 6601 | 13099 | 0 | |
| | | 06:00 to 18:00 | 20700 | 1000 | 19700 | 6601 | 13099 | 0 | |
| | | 18:00 to 24:00 | 20700 | 1000 | 19700 | 6601 | 13099 | 0 | |
| 16 Dec to 17 Dec | 00:00 to 06:00 | 20700 | 1000 | 19700 | 6601 | 13099 | 0 | | |
| | 06:00 to 18:00 | 14700 | 1000 | 13700 | 6601 | 7099 | 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 |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|--|
| | | 18:00 to 24:00 | 14700 | 1000 | 13700 | 6601 | 7099 | 0 | |
| | 18 Dec to 18 Dec | 00:00 to 06:00 | 20700 | 1000 | 19700 | 6601 | 13099 | 0 | |
| | | 06:00 to 07:00 | 20700 | 1000 | 19700 | 6601 | 13099 | 0 | |
| | | 07:00 to 18:00 | 19700 | 1000 | 18700 | 6601 | 12099 | 0 | |
| | | 18:00 to 24:00 | 19700 | 1000 | 18700 | 6601 | 12099 | 0 | |
| | | 00:00 to 06:00 | 19700 | 1000 | 18700 | 6601 | 12099 | 0 | |
| | 19 Dec to 23 Dec | 06:00 to 18:00 | 19700 | 1000 | 18700 | 6601 | 12099 | 0 | |
| | | 18:00 to 24:00 | 19700 | 1000 | 18700 | 6601 | 12099 | 0 | |
| | | 00:00 to 06:00 | 19700 | 1000 | 18700 | 6601 | 12099 | 0 | |
| | 24 Dec to 24 Dec | 06:00 to 07:00 | 19700 | 1000 | 18700 | 6601 | 12099 | 0 | |
| | | 07:00 to 18:00 | 19150 | 1000 | 18150 | 6601 | 11549 | 0 | |
| | | 18:00 to 24:00 | 19150 | 1000 | 18150 | 6601 | 11549 | 0 | |
| | | 00:00 to 06:00 | 19700 | 1000 | 18700 | 6601 | 12099 | 0 | |
| | 25 Dec to 28 Dec | 06:00 to 18:00 | 19700 | 1000 | 18700 | 6601 | 12099 | 0 | |
| | | 18:00 to 24:00 | 19700 | 1000 | 18700 | 6601 | 12099 | 0 | |
| | | 00:00 to 08:00 | 19700 | 1000 | 18700 | 6601 | 12099 | 0 | |
| | 29 Dec to 29 Dec | 08:00 to 24:00 | 19700 | 1000 | 18700 | 6601 | 12099 | 1250 | TTC/ATC Restored due to the deferment of HVDC Raigarh - Pugalur - Pole 4 |
| | | 00:00 to 06:00 | 19700 | 1000 | 18700 | 6601 | 12099 | 0 | |
| | 30 Dec to 31 Dec | 06:00 to 18:00 | 19700 | 1000 | 18700 | 6601 | 12099 | 0 | |
| | | 18:00 to 24:00 | 19700 | 1000 | 18700 | 6601 | 12099 | 0 | |
| | | 00:00 to 24:00 | NA | NA | | 4941 | NA | 0 | |

- Based on the actual distribution of corridor flows, Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for short-term transactions wherever applicable.
- The approved GNA quantum for any regional import corridor mentioned here is the summation of approved GNA of the states falling the region from outside that region. The data is as per the latest available figures from the CTUIL website.
- 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 LTA/MTOA approved by CTU and Allocation figures as per RPCs RTA/REA. In actual Operation, due to Units being on Maintenance/ Fuel shortage/New units being commissioned the LTA/MTOA utilized 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 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 Dec to 31 Dec | 00:00 to 24:00 | NA | NA | | NA | | 0 | |
| NER | 01 Dec to 31 Dec | 00:00 to 17:00 | 3400 | 60 | 3340 | NA | | 0 | |
| | | 17:00 to 21:00 | 3400 | 60 | 3340 | NA | | 0 | |
| | | 21:00 to 24:00 | 3400 | 60 | 3340 | NA | | 0 | |
| NR | 01 Dec to 07 Dec | 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 | |
| | 08 Dec to 08 Dec | 00:00 to 09:30 | 4000 | 500 | 3500 | NA | | 0 | |
| | | 09:30 to 18:00 | 3750 | 500 | 3250 | NA | | 0 | |
| | | 18:00 to 24:00 | 3750 | 500 | 3250 | NA | | 0 | |
| | 09 Dec to 11 Dec | 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 | |
| | 12 Dec to 12 Dec | 00:00 to 06:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | | 06:00 to 09:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | | 09:00 to 18:00 | 2250 | 500 | 1750 | NA | | 0 | |
| | 13 Dec to 14 Dec | 18:00 to 24:00 | 2250 | 500 | 1750 | NA | | 0 | |
| | | 00:00 to 06:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | | 06:00 to 18:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | 15 Dec to 15 Dec | 18:00 to 24:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | | 00:00 to 06:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | | 06:00 to 09:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | 16 Dec to 19 Dec | 09:00 to 18:00 | 2250 | 500 | 1750 | NA | | 0 | |
| | | 18:00 to 24:00 | 2250 | 500 | 1750 | NA | | 0 | |
| | | 00:00 to 06:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | 20 Dec to 20 Dec | 06:00 to 18:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | | 18:00 to 24:00 | 4000 | 500 | 3500 | NA | | 0 | |
| | | 00:00 to 06:00 | 4000 | 500 | 3500 | NA | | 0 | |
| 21 Dec to 31 Dec | 06:00 to 09:00 | 4000 | 500 | 3500 | NA | | 0 | | |
| | 09:00 to 18:00 | 2250 | 500 | 1750 | NA | | 0 | | |
| | 18:00 to 24:00 | 2250 | 500 | 1750 | NA | | 0 | | |
| SR | 01 Dec to 15 Dec | 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 | |
| | 16 Dec to 17 Dec | 00:00 to 06:00 | 5150 | 650 | 4500 | NA | | 0 | |
| | | 06:00 to 18:00 | 5750 | 650 | 5100 | NA | | 0 | |
| | | 18:00 to 24:00 | 5150 | 650 | 4500 | NA | | 0 | |
| | 18 Dec to 31 Dec | 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 Dec to 31 Dec | 00:00 to 24:00 | NA | NA | | NA | | 0 | |

- Based on the actual distribution of corridor flows, Counter flow benefit on account of LTA/MTOA 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 LTA/MTOA approved by CTU and Allocation figures as per RPCs RTA/REA. In actual Operation, due to Units being on Maintenance/ Fuel shortage/New units being commissioned the LTA/MTOA utilized 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

Limiting Constraints

| Corridor | Constraints | Revisions |
|------------|---|---|
| WR-NR | N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit | 0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18-19-20-20,21-22-23-23 |
| 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 | 0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18-19-20-20,21-22-23-23 |
| 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 | 0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18-19-20-20,21-22-23-23 |
| ER-NR | Inter-regional flow pattern towards NR | 0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18-19-20-20,21-22-23-23 |
| WR-SR | Outage of any one of the 2x1500 MVA, 765/400 kV ICTs at Nizamabad overloads the other ICT | 0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18-19-20-20,21-22-23-23 |
| ER-SR | 1. Outage of any one circuit of the 765 kV Angul – Srikakulam D/C overloads the other circuit 2.Low Voltage at Gazuwaka (East) Bus. | 0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18-19-20-20,21-22-23-23 |
| SR-WR | a) Angular separation between Kudgi & Kolhapur (PG) under N-1 of 400 kV Kudgi - Kolhapur (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 | 1-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18-19-20-20,21-22-23-23 |
| ER-NER | a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Balipara-Sonabil D/C | 0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18-19-20-20,21-22-23-23 |
| NER-ER | a) N-1 contingency of 400 kV Bongaigaon-Alipurduar I or II b) High Loading of 400 kV Bongaigaon- New Siliguri DC | 0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18-19-20-20,21-22-23-23 |
| NR_IMPORT | N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit | 0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18-19-20-20,21-22-23-23 |
| NR_EXPORT | (N-1) Contingency of 400 kV Kankroli-Zerda-S/C will overload 400 KV Bhinmal-Zerda-S/C | 0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18-19-20-20,21-22-23-23 |
| NER_IMPORT | a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Balipara-Sonabil D/C | 0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18-19-20-20,21-22-23-23 |
| NER_EXPORT | a) N-1 contingency of 400 kV Bongaigaon-Alipurduar I or II b) High Loading of 400 kV Bongaigaon- New Siliguri DC | 0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18-19-20-20,21-22-23-23 |
| SR_IMPORT | 1. Outage of any one of the 2x1500 MVA, 765/400 kV ICTs at Nizamabad overloads the other ICT 2. Outage of any one circuit of the 765 kV Angul – Srikakulam D/C overloads the other circuit 3. Low Voltage at Gazuwaka (East) | 0-5,3-4-5,6-7-8-8,9-10-11,12-13- |

| Corridor | Constraints | Revisions |
|-----------|---|---|
| | Bus | 14,15-16-17,18-19-20-20,21-22-23-23 |
| SR_EXPORT | a) Angular separation between Kudgi & Kolhapur (PG) under N-1 of 400 kV Kudgi - Kolhapur (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 | 1-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18-19-20-20,21-22-23-23 |

Revision Summary

| Revision | Date Of Revision | Period Of Revision | Reason for Revision/Comment | Corridor Affected |
|----------|------------------|--------------------|--|-------------------|
| 1 | 19 Sep | 01 Dec to 31 Dec | TTC/ATC revised due to the change in LGB and network augmentation | SR-WR |
| | | 01 Dec to 31 Dec | TTC/ATC revised due to the change in LGB and network augmentation | SR_EXPORT |
| 2 | 27 Sep | 01 Dec to 31 Dec | Change in STOA margin due to decrease in the LTA quantum by 2.2 MW from NETRA_KOTDA_BHUJ_W to Haryana | WR-NR |
| | | 01 Dec to 31 Dec | Change in STOA margin due to decrease in the LTA quantum by 2.2 MW from NETRA_KOTDA_BHUJ_W to Haryana | NR_IMPORT |
| 3 | 28 Oct | 01 Dec to 31 Dec | TTC/ATC increased due to the the commissioning of 765 kV Warora (Pool) –Warangal (New) D/C and associated system | WR-SR |
| | | 01 Dec to 31 Dec | TTC/ATC increased due to the the commissioning of 765 kV Warora (Pool) –Warangal (New) D/C and associated system | ER-SR |
| | | 01 Dec to 31 Dec | TTC/ATC increased due to the the commissioning of 765 kV Warora (Pool) –Warangal (New) D/C and associated system | SR_IMPORT |
| 4 | 29 Nov | 01 Dec to 01 Dec | Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2 | WR-NR |
| | | 01 Dec to 01 Dec | Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2 | ER-NR |
| | | 01 Dec to 01 Dec | Due to the shutdown of 765KV-WARDHA-AURANGABAD-1 & 2 | WR-SR |
| | | 02 Dec to 05 Dec | Due to the shutdown of 765KV-WARDHA-AURANGABAD-1 & 2 | WR-SR |
| | | 01 Dec to 01 Dec | Due to the shutdown of 765KV-WARDHA-AURANGABAD-1 & 2 | ER-SR |
| | | 02 Dec to 05 Dec | Due to the shutdown of 765KV-WARDHA-AURANGABAD-1 & 2 | ER-SR |
| | | 01 Dec to 31 Dec | Due to change in Load - Generation Balance in NER | ER-NER |
| | | 01 Dec to 31 Dec | Due to change in Load - Generation Balance in NER | NER-ER |
| | | 01 Dec to 01 Dec | Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2 | NR_IMPORT |
| | | 01 Dec to 31 Dec | Due to change in Load - Generation Balance in NER | NER_IMPORT |
| | | 01 Dec to 01 Dec | Due to the shutdown of 765KV-WARDHA-AURANGABAD-1 & 2 | SR_IMPORT |
| 5 | 30 Nov | 02 Dec to 02 Dec | Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2 | WR-NR |
| | | 02 Dec to 02 Dec | Due to the shutdown of 765KV-SATNA-BINA-1 | WR-NR |
| | | 02 Dec to 02 Dec | Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2 | ER-NR |
| | | 02 Dec to 02 Dec | Due to the shutdown of 765KV-SATNA-BINA-1 | ER-NR |
| | | 02 Dec to 02 Dec | Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2 | NR_IMPORT |

| Revision | Date Of Revision | Period Of Revision | Reason for Revision/Comment | Corridor Affected |
|----------|------------------|--------------------|--|-------------------|
| | | 02 Dec to 02 Dec | Due to the shutdown of 765KV-SATNA-BINA-1 | NR_IMPORT |
| 6 | 01 Dec | 03 Dec to 03 Dec | Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2 | WR-NR |
| | | 03 Dec to 03 Dec | Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2 | ER-NR |
| | | 03 Dec to 03 Dec | Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2 | NR_IMPORT |
| 7 | 02 Dec | 04 Dec to 04 Dec | Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2 | WR-NR |
| | | 04 Dec to 04 Dec | Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2 | ER-NR |
| | | 04 Dec to 04 Dec | Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2 | NR_IMPORT |
| 8 | 03 Dec | 05 Dec to 05 Dec | Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 1 | WR-NR |
| | | 05 Dec to 05 Dec | Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 1 | ER-NR |
| | | 05 Dec to 05 Dec | Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 1 | NR_IMPORT |
| 9 | 04 Dec | 06 Dec to 06 Dec | Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 1 | WR-NR |
| | | 06 Dec to 06 Dec | Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 1 | ER-NR |
| | | 06 Dec to 06 Dec | Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 1 | NR_IMPORT |
| 10 | 06 Dec | 08 Dec to 08 Dec | TTC/ATC curtailed due to the shutdown of 400KV-SHUJALPUR-RAPP-1 | NR-WR |
| | | 08 Dec to 08 Dec | TTC/ATC curtailed due to the shutdown of 400KV-GAZUWAKA-JEYPORE-1 & 2 | ER-SR |
| | | 08 Dec to 08 Dec | TTC/ATC curtailed due to the shutdown of 400KV-GAZUWAKA-JEYPORE-1 & 2 | SR_IMPORT |
| | | 08 Dec to 08 Dec | TTC/ATC curtailed due to the shutdown of 400KV-SHUJALPUR-RAPP-1 | NR_EXPORT |
| 11 | 07 Dec | 06 Dec to 10 Dec | TTC/ATC curtailed due to the extension in shutdown of 765KV-WARDHA-AURANGABAD-1 & 2 | WR-SR |
| | | 06 Dec to 07 Dec | TTC/ATC curtailed due to the extension in shutdown of 765KV-WARDHA-AURANGABAD-1 & 2 | ER-SR |
| | | 06 Dec to 07 Dec | TTC/ATC curtailed due to the extension in shutdown of 765KV-WARDHA-AURANGABAD-1 & 2 | SR_IMPORT |
| 12 | 07 Dec | 08 Dec to 08 Dec | TTC/ATC revised due to deferment of shutdown of 400kV Jeypore – Gazuwaka D/C | ER-SR |
| | | 08 Dec to 08 Dec | TTC/ATC revised due to deferment of shutdown of 400kV Jeypore – Gazuwaka D/C | SR_IMPORT |
| 13 | 08 Dec | 10 Dec to 10 Dec | TTC/ATC revised due to the revival of 765KV Wardha - Auarangabd Ckt 1 & 2 | WR-SR |
| | | 10 Dec to 10 Dec | TTC/ATC revised due to the revival of 765KV Wardha - Auarangabd Ckt 1 & 2 | ER-SR |
| | | 10 Dec to 10 Dec | TTC/ATC revised due to the revival of 765KV Wardha - Auarangabd Ckt 1 & 2 | SR_IMPORT |
| 14 | 11 Dec | 12 Dec to 12 Dec | TTC/ATC curtailed due to the shutdown of 765kV Chittorgarh - Banaskantha 2 | NR-WR |
| | | 12 Dec to 12 Dec | TTC/ATC curtailed due to the shutdown of 765kV Vindhyachal - Varanasi 2 | WR-NR |
| | | 12 Dec to 12 Dec | TTC/ATC curtailed due to the shutdown of 765kV Vindhyachal - Varanasi 2 | ER-NR |
| | | 12 Dec to 12 Dec | TTC/ATC curtailed due to the shutdown of 765kV Vindhyachal - Varanasi 2 | NR_IMPORT |
| | | 12 Dec to 12 Dec | TTC/ATC curtailed due to the shutdown of 765kV Chittorgarh - Banaskantha 2 | NR_EXPORT |
| 15 | 11 Dec | 13 Dec to 13 Dec | TTC/ATC Curtailed due to the shutdown of 800 KV HVDC KURUKSHETRA-CHAMPA (PG) CKT-1, 2, 3 & 4 | WR-NR |

| Revision | Date Of Revision | Period Of Revision | Reason for Revision/Comment | Corridor Affected |
|----------|------------------|--------------------|---|-------------------|
| | | 14 Dec to 28 Dec | TTC/ATC Curtailed due to the shutdown of 800 KV HVDC KURUKSHETRA-CHAMPA (PG) CKT-1, 2, 3 & 4 | WR-NR |
| | | 13 Dec to 13 Dec | TTC/ATC Curtailed due to the shutdown of 800 KV HVDC KURUKSHETRA-CHAMPA (PG) CKT-1, 2, 3 & 4 | ER-NR |
| | | 14 Dec to 28 Dec | TTC/ATC Curtailed due to the shutdown of 800 KV HVDC KURUKSHETRA-CHAMPA (PG) CKT-1, 2, 3 & 4 | ER-NR |
| | | 13 Dec to 13 Dec | TTC/ATC Curtailed due to the shutdown of 400KV MIRZA-BONGAIGAON | ER-NER |
| | | 13 Dec to 13 Dec | TTC/ATC Curtailed due to the shutdown of 800 KV HVDC KURUKSHETRA-CHAMPA (PG) CKT-1, 2, 3 & 4 | NR_IMPORT |
| | | 14 Dec to 28 Dec | TTC/ATC Curtailed due to the shutdown of 800 KV HVDC KURUKSHETRA-CHAMPA (PG) CKT-1, 2, 3 & 4 | NR_IMPORT |
| | | 13 Dec to 13 Dec | TTC/ATC Curtailed due to the shutdown of 400KV MIRZA-BONGAIGAON | NER_IMPORT |
| 16 | 13 Dec | 15 Dec to 15 Dec | TTC/ATC curtailed due to the shutdown of 765KV-BANASKANTHA-CHITTORGARH-2 | NR-WR |
| | | 15 Dec to 15 Dec | TTC/ATC curtailed due to the shutdown of 765KV-BANASKANTHA-CHITTORGARH-2 | NR_EXPORT |
| 17 | 14 Dec | 16 Dec to 17 Dec | TTC/ATC curtailed due to the shutdown of HVDC 800KV RAIGARH-GIS-HVDC POLE 1, 2,3 & 4 | WR-SR |
| | | 16 Dec to 17 Dec | TTC/ATC curtailed due to the shutdown of HVDC 800KV RAIGARH-GIS-HVDC POLE 1, 2,3 & 4 | SR-WR |
| | | 16 Dec to 17 Dec | TTC/ATC curtailed due to the shutdown of 400 kV Bongaigoan-Azara | ER-NER |
| | | 16 Dec to 17 Dec | TTC/ATC curtailed due to the shutdown of 400 kV Bongaigoan-Azara | NER_IMPORT |
| | | 16 Dec to 17 Dec | TTC/ATC curtailed due to the shutdown of HVDC 800KV RAIGARH-GIS-HVDC POLE 1, 2,3 & 4 | SR_IMPORT |
| | | 16 Dec to 17 Dec | TTC/ATC curtailed due to the shutdown of HVDC 800KV RAIGARH-GIS-HVDC POLE 1, 2,3 & 4 | SR_EXPORT |
| 18 | 17 Dec | 18 Dec to 31 Dec | TTC/ATC curtailed due to the shutdown of 400 kV Jeypore - Gazuwaka D/C | WR-SR |
| | | 18 Dec to 31 Dec | TTC/ATC curtailed due to the shutdown of 400 kV Jeypore - Gazuwaka D/C | ER-SR |
| | | 18 Dec to 19 Dec | TTC/ATC curtailed due to the shutdown of 400 kV Bongaigoan - Byrnihat | ER-NER |
| | | 18 Dec to 19 Dec | TTC/ATC curtailed due to the shutdown of 400 kV Bongaigoan - Byrnihat | NER_IMPORT |
| | | 18 Dec to 31 Dec | TTC/ATC curtailed due to the shutdown of 400 kV Jeypore - Gazuwaka D/C | SR_IMPORT |
| 19 | 17 Dec | 19 Dec to 31 Dec | TTC/ATC curtailed due to the shutdown of 400 kV Jeypore - Gazuwaka D/C | WR-SR |
| | | 19 Dec to 31 Dec | TTC/ATC curtailed due to the shutdown of 400 kV Jeypore - Gazuwaka D/C | ER-SR |
| | | 19 Dec to 31 Dec | TTC/ATC curtailed due to the shutdown of 400 kV Jeypore - Gazuwaka D/C | SR_IMPORT |
| 20 | 18 Dec | 20 Dec to 20 Dec | TTC/ATC curtailed due to the shutdown of 765KV-BANASKANTHA-CHITTORGARH-1 | NR-WR |
| | | 20 Dec to 20 Dec | TTC/ATC curtailed due to the shutdown of 765KV-BANASKANTHA-CHITTORGARH-1 | NR_EXPORT |
| 21 | 22 Dec | 24 Dec to 24 Dec | TTC/ATC Revised due to the shutdown of 765 kV Wardha - Nizamabad - 2 | WR-SR |
| | | 24 Dec to 24 Dec | TTC/ATC Revised due to the shutdown of 765 kV Wardha - Nizamabad - 2 | SR_IMPORT |
| 22 | 27 Dec | 29 Dec to 29 Dec | TTC/ATC Revised due to the shutdown of HVDC Raigarh - Pugalur - Pole 4 | WR-SR |
| | | 29 Dec to 29 Dec | TTC/ATC Revised due to the shutdown of HVDC Raigarh - Pugalur - Pole 4 | SR_IMPORT |
| 23 | 28 Dec | 29 Dec to 31 Dec | TTC/ATC curtailed due to the extension of shutdown of 800 KV HVDC KURUKSHETRA-CHAMPA (PG) CKT-1, 2, 3 & 4 | WR-NR |
| | | 29 Dec to 31 Dec | TTC/ATC curtailed due to the extension of shutdown of 800 KV HVDC KURUKSHETRA-CHAMPA (PG) CKT-1, 2, 3 & 4 | ER-NR |

| Revision | Date Of Revision | Period Of Revision | Reason for Revision/Comment | Corridor Affected |
|----------|------------------|--------------------|---|-------------------|
| | | 29 Dec to 29 Dec | TTC/ATC Restored due to the deferment of HVDC Raigarh - Pugalur - Pole 4 | WR-SR |
| | | 29 Dec to 31 Dec | TTC/ATC curtailed due to the extension of shutdown of 800 KV HVDC KURUKSHETRA-CHAMPA (PG) CKT-1, 2, 3 & 4 | NR_IMPORT |
| | | 29 Dec to 29 Dec | TTC/ATC Restored due to the deferment of HVDC Raigarh - Pugalur - Pole 4 | SR_IMPORT |

| ASSUMPTIONS IN BASECASE | | | | | |
|-------------------------|----------------------------|--------------------|-----------------|--------------------|-----------------|
| Month : December'23 | | | | | |
| 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 | 7426 | 7650 | 4852 | 4779 |
| 2 | Haryana | 7563 | 7785 | 2781 | 3008 |
| 3 | Rajasthan | 14805 | 16000 | 7553 | 9980 |
| 4 | Delhi | 4146 | 4502 | 393 | 364 |
| 5 | Uttar Pradesh | 19709 | 17940 | 11948 | 12241 |
| 6 | Uttarakhand | 2258 | 1886 | 767 | 301 |
| 7 | Himachal Pradesh | 2017 | 1849 | 571 | 363 |
| 8 | Jammu & Kashmir | 3180 | 2906 | 214 | 178 |
| 9 | Chandigarh | 239 | 212 | 0 | 0 |
| 10 | ISGS/IPPs | 4 | 4 | 19853 | 21702 |
| | Total NR | 61347 | 60733 | 48933 | 52915 |
| II | EASTERN REGION | | | | |
| 1 | Bihar | 4972 | 3979 | 436 | 446 |
| 2 | Jharkhand | 1382 | 1526 | 385 | 356 |
| 3 | Damodar Valley Corporation | 3357 | 3218 | 4954 | 5111 |
| 4 | Orissa | 5201 | 4847 | 3381 | 3440 |
| 5 | West Bengal | 7084 | 6822 | 5683 | 5637 |
| 6 | Sikkim | 114 | 106 | 0 | 0 |
| 7 | Bhutan | 31 | 48 | 106 | 223 |
| 8 | ISGS/IPPs | 928 | 917 | 17599 | 14874 |
| | Total ER | 23069 | 21462 | 32546 | 30086 |
| III | WESTERN REGION | | | | |
| 1 | Maharashtra | 24249 | 25561 | 15680 | 15360 |
| 2 | Gujarat | 18093 | 18147 | 8031 | 7605 |
| 3 | Madhya Pradesh | 15245 | 16169 | 5389 | 6060 |
| 4 | Chattisgarh | 4403 | 4244 | 1683 | 2021 |
| 5 | DD & DNH | 922 | 830 | 0 | 0 |
| 6 | Goa-WR | 615 | 538 | 0 | 0 |
| 7 | ISGS/IPPs | 2429 | 2388 | 51331 | 47984 |
| | Total WR | 65955 | 67877 | 82115 | 79029 |
| IV | SOUTHERN REGION | | | | |
| 1 | Andhra Pradesh | 8573 | 10056 | 4914 | 5603 |
| 2 | Telangana | 11490 | 15844 | 4870 | 6727 |
| 3 | Karnataka | 11220 | 14273 | 8400 | 11643 |
| 4 | Tamil Nadu | 15904 | 16340 | 6449 | 9902 |
| 5 | Kerala | 4147 | 3642 | 1578 | 326 |
| 6 | Pondy | 487 | 491 | 0 | 0 |
| 7 | Goa-SR | 108 | 109 | 0 | 0 |
| 8 | ISGS/IPPs | 0 | 0 | 19264 | 22238 |
| | Total SR | 51928 | 60753 | 45477 | 56438 |

| V | NORTH-EASTERN REGION | | | | |
|---|----------------------|--------|--------|--------|--------|
| 1 | Arunachal Pradesh | 163 | 98 | 0 | 0 |
| 2 | Assam | 1475 | 1182 | 284 | 420 |
| 3 | Manipur | 210 | 108 | 0 | 0 |
| 4 | Meghalaya | 441 | 327 | 145 | 12 |
| 5 | Mizoram | 168 | 138 | 65 | 0 |
| 6 | Nagaland | 155 | 117 | 15 | 7 |
| 7 | Tripura | 337 | 273 | 180 | 175 |
| 8 | ISGS/IPPs | 0 | 0 | 3271 | 2557 |
| | Total NER | 2948 | 2244 | 3960 | 3171 |
| | | | | | |
| | Total All India | 205214 | 213015 | 212909 | 221388 |