

| National Load Despatch Centre<br>Total Transfer Capability for Nov 2025 |                  |                  |                                |                        |                                    |                  |                       |                                  |         |  |
|---|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|--|
| Issue Date:Nov 28 2024  |                  |                  |                                | Issue Time:15:22:07    |                                    |                  | Revision No :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 |  |
| ER-NER  | 01 Nov to 30 Nov | 00:00 to 06:00   | 1650                           | 60                     | 1590                               | 824              | 766                   | 0                                |         |  |
|   |                  | 06:00 to 12:00   | 1700                           | 60                     | 1640                               | 824              | 816                   | 0                                |         |  |
|   |                  | 12:00 to 18:00   | 1750                           | 60                     | 1690                               | 824              | 866                   | 0                                |         |  |
|   |                  | 18:00 to 22:00   | 1270                           | 60                     | 1210                               | 824              | 386                   | 0                                |         |  |
|   |                  | 22:00 to 24:00   | 1650                           | 60                     | 1590                               | 824              | 766                   | 0                                |         |  |
| ER-NR   | 01 Nov to 30 Nov | 00:00 to 24:00   | 6700                           | 400                    | 6300                               | NA               |                       | 0                                |         |  |
| ER-SR   | 01 Nov to 30 Nov | 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 Nov to 30 Nov | 00:00 to 24:00   | No limit is being specified.   |                        |                                    |                  |                       |                                  |         |  |
| ER-WR   | 01 Nov to 30 Nov | 00:00 to 24:00   | NA                             | NA                     |                                    | NA               |                       | 0                                |         |  |
| NER-ER  | 01 Nov to 30 Nov | 00:00 to 06:00   | 3480                           | 60                     | 3420                               | NA               |                       | 0                                |         |  |
|   |                  | 06:00 to 12:00   | 3480                           | 60                     | 3420                               | NA               |                       | 0                                |         |  |
|   |                  | 12:00 to 18:00   | 3480                           | 60                     | 3420                               | NA               |                       | 0                                |         |  |
|   |                  | 18:00 to 22:00   | 3480                           | 60                     | 3420                               | NA               |                       | 0                                |         |  |
|   |                  | 22:00 to 24:00   | 3480                           | 60                     | 3420                               | NA               |                       | 0                                |         |  |
| NR-ER   | 01 Nov           | 00:00 to 06:00   | 4000                           | 300                    | 3700                               | 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 |
|--------------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
|              | to 30 Nov        | 06:00 to 18:00   | 4000                           | 300                    | 3700                               | NA               |                       | 0                                |         |
|              |                  | 18:00 to 24:00   | 4000                           | 300                    | 3700                               | NA               |                       | 0                                |         |
| NR-WR        | 01 Nov to 30 Nov | 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 Nov to 30 Nov | 00:00 to 24:00   | No limit is being specified.   |                        |                                    |                  |                       |                                  |         |
| SR-WR        | 01 Nov to 30 Nov | 00:00 to 06:00   | 7200                           | 650                    | 6550                               | NA               |                       | 0                                |         |
|              |                  | 06:00 to 18:00   | 7100                           | 650                    | 6450                               | NA               |                       | 0                                |         |
|              |                  | 18:00 to 24:00   | 7200                           | 650                    | 6550                               | NA               |                       | 0                                |         |
| W3 Injection | 01 Nov to 30 Nov | 00:00 to 24:00   | NA                             | NA                     |                                    | NA               |                       | 0                                |         |
| W3-ER        | 01 Nov to 30 Nov | 00:00 to 24:00   | No limit is being specified.   |                        |                                    |                  |                       |                                  |         |
| WR-ER        | 01 Nov to 30 Nov | 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 Nov to 30 Nov | 00:00 to 09:00   | 22350                          | 1000                   | 21350                              | NA               |                       | 0                                |         |
|              |                  | 09:00 to 16:00   | 19050                          | 1000                   | 18050                              | NA               |                       | 0                                |         |
|              |                  | 16:00 to 24:00   | 22350                          | 1000                   | 21350                              | NA               |                       | 0                                |         |
| WR-SR        | 01 Nov to        | 00:00 to 06:00   | 16100                          | 650                    | 15450                              | 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 |
|----------|--------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
|          | 30 Nov | 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 Nov to 30 Nov | 00:00 to 24:00   | NA                             | NA                     |                                    | NA               |                       | 0                                |         |
| NER      | 01 Nov to 30 Nov | 00:00 to 06:00   | 1650                           | 60                     | 1590                               | 824              | 766                   | 0                                |         |
|          |                  | 06:00 to 12:00   | 1700                           | 60                     | 1640                               | 824              | 816                   | 0                                |         |
|          |                  | 12:00 to 18:00   | 1750                           | 60                     | 1690                               | 824              | 866                   | 0                                |         |
|          |                  | 18:00 to 22:00   | 1270                           | 60                     | 1210                               | 824              | 386                   | 0                                |         |
|          |                  | 22:00 to 24:00   | 1650                           | 60                     | 1590                               | 824              | 766                   | 0                                |         |
| NR       | 01 Nov           | 00:00 to 09:00   | 25700                          | 1400                   | 24300                              | 17344            | 6956                  | 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 |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
|          | to 30 Nov        | 09:00 to 16:00   | 20250                          | 1400                   | 18850                              | 17344            | 1506                  | 0                                |         |
|          |                  | 16:00 to 24:00   | 25700                          | 1400                   | 24300                              | 17344            | 6956                  | 0                                |         |
| SR       | 01 Nov to 30 Nov | 00:00 to 06:00   | 22300                          | 1000                   | 21300                              | 7601             | 13699                 | 0                                |         |
|          |                  | 06:00 to 18:00   | 22300                          | 1000                   | 21300                              | 7601             | 13699                 | 0                                |         |
|          |                  | 18:00 to 24:00   | 22300                          | 1000                   | 21300                              | 7601             | 13699                 | 0                                |         |
| WR       | 01 Nov to 30 Nov | 00:00 to 24:00   | NA                             | NA                     |                                    |                  | 0                     | 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.
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- 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 KWPCCL), 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
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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 Nov to 30 Nov | 00:00 to 24:00   | NA                             | NA                     |                                    | 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 |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
| NER      | 01 Nov to 30 Nov | 00:00 to 06:00   | 3480                           | 60                     | 3420                               | NA               |                       | 0                                |         |
|          |                  | 06:00 to 12:00   | 3480                           | 60                     | 3420                               | NA               |                       | 0                                |         |
|          |                  | 12:00 to 18:00   | 3480                           | 60                     | 3420                               | NA               |                       | 0                                |         |
|          |                  | 18:00 to 22:00   | 3480                           | 60                     | 3420                               | NA               |                       | 0                                |         |
|          |                  | 22:00 to 24:00   | 3480                           | 60                     | 3420                               | NA               |                       | 0                                |         |
| NR       | 01 Nov to 30 Nov | 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 Nov to 30 Nov | 00:00 to 06:00   | 6400                           | 650                    | 5750                               | NA               |                       | 0                                |         |
|          |                  | 06:00 to 18:00   | 6400                           | 650                    | 5750                               | NA               |                       | 0                                |         |
|          |                  | 18:00 to 24:00   | 6400                           | 650                    | 5750                               | NA               |                       | 0                                |         |
| WR       | 01 Nov to 30 Nov | 00:00 to 24:00   | NA                             | NA                     |                                    | NA               |                       | 0                                |         |

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## Limiting Constraints

| Corridor | Constraints | Revisions |
|----------|-------------|-----------|
|----------|-------------|-----------|

## Revision Summary

| Revision | Date Of Revision | Period Of Revision | Reason for Revision/Comment | Corridor Affected |
|----------|------------------|--------------------|-----------------------------|-------------------|
|----------|------------------|--------------------|-----------------------------|-------------------|

| ASSUMPTIONS IN BASECASE |                            |                    |                 |                    |                 |
|-------------------------|----------------------------|--------------------|-----------------|--------------------|-----------------|
| Month : Nov'25          |                            |                    |                 |                    |                 |
| 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 |