

| National Load Despatch Centre<br>Total Transfer Capability for Nov 2024 |                  |                  |                                |                        |                                    |                  |                       |                                  |         |
|-------------------------------------------------------------------------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
| Issue Date:Nov 24 2024                                                  |                  |                  |                                | Issue Time:16:08:19    |                                    |                  | Revision No :29       |                                  |         |
| 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 04 Nov | 00:00 to 17:00   | 2200                           | 60                     | 2140                               | NA               |                       | 0                                |         |
|                                                                         |                  | 17:00 to 22:00   | 1700                           | 60                     | 1640                               | NA               |                       | 0                                |         |
|                                                                         |                  | 22:00 to 24:00   | 2200                           | 60                     | 2140                               | NA               |                       | 0                                |         |
|                                                                         | 05 Nov to 10 Nov | 00:00 to 17:00   | 2290                           | 60                     | 2230                               | NA               |                       | 0                                |         |
|                                                                         |                  | 17:00 to 22:00   | 1790                           | 60                     | 1730                               | NA               |                       | 0                                |         |
|                                                                         |                  | 22:00 to 24:00   | 2290                           | 60                     | 2230                               | NA               |                       | 0                                |         |
|                                                                         | 11 Nov to 11 Nov | 00:00 to 08:00   | 2290                           | 60                     | 2230                               | NA               |                       | 0                                |         |
|                                                                         |                  | 08:00 to 17:00   | 2040                           | 60                     | 1980                               | NA               |                       | 0                                |         |
|                                                                         |                  | 17:00 to 22:00   | 1540                           | 60                     | 1480                               | NA               |                       | 0                                |         |
|                                                                         |                  | 22:00 to 24:00   | 2040                           | 60                     | 1980                               | NA               |                       | 0                                |         |
|                                                                         | 12 Nov to 13 Nov | 00:00 to 17:00   | 1580                           | 60                     | 1520                               | NA               |                       | 0                                |         |
|                                                                         |                  | 17:00 to 22:00   | 1100                           | 60                     | 1040                               | NA               |                       | 0                                |         |
|                                                                         |                  | 22:00 to 24:00   | 1580                           | 60                     | 1520                               | NA               |                       | 0                                |         |
|                                                                         | 14 Nov to 15 Nov | 00:00 to 17:00   | 1580                           | 60                     | 1520                               | NA               |                       | 0                                |         |
|                                                                         |                  | 17:00 to 22:00   | 880                            | 60                     | 820                                | NA               |                       | 0                                |         |
|                                                                         |                  | 22:00 to 24:00   | 1580                           | 60                     | 1520                               | NA               |                       | 0                                |         |
|                                                                         | 16 Nov to 30 Nov | 00:00 to 17:00   | 2200                           | 60                     | 2140                               | NA               |                       | 0                                |         |
|                                                                         |                  | 17:00 to 22:00   | 1480                           | 60                     | 1420                               | NA               |                       | 0                                |         |
|                                                                         |                  | 22:00 to 24:00   | 2200                           | 60                     | 2140                               | 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 |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
| ER-NR    | 01 Nov to 01 Nov | 00:00 to 08:00   | 6700                           | 400                    | 6300                               | NA               |                       | 0                                |         |
|          |                  | 08:00 to 24:00   | 6050                           | 400                    | 5650                               | NA               |                       | 0                                |         |
|          | 02 Nov to 13 Nov | 00:00 to 24:00   | 6700                           | 400                    | 6300                               | NA               |                       | 0                                |         |
|          | 14 Nov to 14 Nov | 00:00 to 07:00   | 6700                           | 400                    | 6300                               | NA               |                       | 0                                |         |
|          |                  | 07:00 to 24:00   | 6450                           | 400                    | 6050                               | NA               |                       | 0                                |         |
|          | 15 Nov to 17 Nov | 00:00 to 24:00   | 6700                           | 400                    | 6300                               | NA               |                       | 0                                |         |
|          | 18 Nov to 18 Nov | 00:00 to 07:00   | 6700                           | 400                    | 6300                               | NA               |                       | 0                                |         |
|          |                  | 07:00 to 08:00   | 6450                           | 400                    | 6050                               | NA               |                       | 0                                |         |
|          |                  | 08:00 to 24:00   | 6300                           | 400                    | 5900                               | NA               |                       | 0                                |         |
|          | 19 Nov to 19 Nov | 00:00 to 09:00   | 6700                           | 400                    | 6300                               | NA               |                       | 0                                |         |
|          |                  | 09:00 to 24:00   | 6550                           | 400                    | 6150                               | NA               |                       | 0                                |         |
|          | 20 Nov to 20 Nov | 00:00 to 24:00   | 6700                           | 400                    | 6300                               | NA               |                       | 0                                |         |
|          | 21 Nov to 21 Nov | 00:00 to 08:00   | 6700                           | 400                    | 6300                               | NA               |                       | 0                                |         |
|          |                  | 08:00 to 24:00   | 6550                           | 400                    | 6150                               | NA               |                       | 0                                |         |
|          | 22 Nov           | 00:00 to 07:00   | 6700                           | 400                    | 6300                               | 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 22 Nov        | 07:00 to 24:00   | 6250                           | 400                    | 5850                               | NA               |                       | 0                                |         |
|          | 23 Nov to 30 Nov | 00:00 to 24:00   | 6700                           | 400                    | 6300                               | NA               |                       | 0                                |         |
| ER-SR    | 01 Nov to 14 Nov | 00:00 to 24:00   | 6200                           | 350                    | 5850                               | NA               |                       | 0                                |         |
|          | 15 Nov to 15 Nov | 00:00 to 09:00   | 6200                           | 350                    | 5850                               | NA               |                       | 0                                |         |
|          |                  | 09:00 to 24:00   | 6000                           | 350                    | 5650                               | NA               |                       | 0                                |         |
|          | 16 Nov to 16 Nov | 00:00 to 09:00   | 6200                           | 350                    | 5850                               | NA               |                       | 0                                |         |
|          |                  | 09:00 to 24:00   | 6000                           | 350                    | 5650                               | NA               |                       | 0                                |         |
|          | 17 Nov to 17 Nov | 00:00 to 08:00   | 6200                           | 350                    | 5850                               | NA               |                       | 0                                |         |
|          |                  | 08:00 to 24:00   | 6150                           | 350                    | 5800                               | NA               |                       | 0                                |         |
|          | 18 Nov to 20 Nov | 00:00 to 24:00   | 6150                           | 350                    | 5800                               | NA               |                       | 0                                |         |
|          | 21 Nov to 24 Nov | 00:00 to 24:00   | 6200                           | 350                    | 5850                               | NA               |                       | 0                                |         |
|          | 25 Nov to 25 Nov | 00:00 to 07:00   | 6200                           | 350                    | 5850                               | NA               |                       | 0                                |         |
|          |                  | 07:00 to 24:00   | 6150                           | 350                    | 5800                               | 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 |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
|          | 26 Nov to 29 Nov | 00:00 to 24:00   | 6150                           | 350                    | 5800                               | NA               |                       | 0                                |         |
|          | 30 Nov to 30 Nov | 00:00 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 11 Nov | 00:00 to 17:00   | 3250                           | 60                     | 3190                               | NA               |                       | 0                                |         |
|          |                  | 17:00 to 22:00   | 3250                           | 60                     | 3190                               | NA               |                       | 0                                |         |
|          |                  | 22:00 to 24:00   | 3250                           | 60                     | 3190                               | NA               |                       | 0                                |         |
|          | 12 Nov to 30 Nov | 00:00 to 17:00   | 3250                           | 60                     | 3190                               | NA               |                       | 0                                |         |
|          |                  | 17:00 to 22:00   | 3250                           | 60                     | 3190                               | NA               |                       | 0                                |         |
|          |                  | 22:00 to 24:00   | 3250                           | 60                     | 3190                               | NA               |                       | 0                                |         |
| NR-ER    | 01 Nov to 30 Nov | 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 Nov to 03 Nov | 00:00 to 06:00   | 6000                           | 500                    | 5500                               | NA               |                       | 0                                |         |
|          |                  | 06:00 to 18:00   | 6000                           | 500                    | 5500                               | 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   | 6000                           | 500                    | 5500                               | NA               |                       | 0                                |                                                               |
|          | 04 Nov to 04 Nov | 00:00 to 08:00   | 6000                           | 500                    | 5500                               | NA               |                       | 0                                |                                                               |
|          |                  | 08:00 to 24:00   | 5550                           | 500                    | 5050                               | NA               |                       | 0                                |                                                               |
|          | 05 Nov to 09 Nov | 00:00 to 24:00   | 6000                           | 500                    | 5500                               | NA               |                       | 0                                |                                                               |
|          | 10 Nov to 10 Nov | 00:00 to 10:00   | 6000                           | 500                    | 5500                               | NA               |                       | 0                                |                                                               |
|          |                  | 10:00 to 24:00   | 5100                           | 500                    | 4600                               | NA               |                       | 0                                |                                                               |
|          | 11 Nov to 18 Nov | 00:00 to 24:00   | 6000                           | 500                    | 5500                               | NA               |                       | 0                                |                                                               |
|          | 19 Nov to 19 Nov | 00:00 to 15:00   | 6000                           | 500                    | 5500                               | NA               |                       | 0                                |                                                               |
|          |                  | 15:00 to 24:00   | 3900                           | 500                    | 3400                               | NA               |                       | 0                                |                                                               |
|          | 20 Nov to 25 Nov | 00:00 to 24:00   | 6000                           | 500                    | 5500                               | NA               |                       | 0                                |                                                               |
|          | 26 Nov to 26 Nov | 00:00 to 15:00   | 3900                           | 500                    | 3400                               | NA               |                       | -2100                            | ATC/TTC curtailed due to shutdown of 400KV-KANSARI-KANKROLI 2 |
|          |                  | 15:00 to 17:00   | 3000                           | 500                    | 2500                               | NA               |                       | -3000                            | ATC/TTC curtailed due to shutdown                             |

| 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                     |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|-----------------------------|
|          |                  |                  |                                |                        |                                    |                  |                       |                                  | of 400KV-KANSARI-KANKROLI 2 |
|          |                  | 17:00 to 24:00   | 6000                           | 500                    | 5500                               | NA               |                       | 0                                |                             |
|          | 27 Nov to 30 Nov | 00:00 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 16 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                                |                             |
|          | 17 Nov to 17 Nov | 00:00 to 06:00   | 7200                           | 650                    | 6550                               | NA               |                       | 0                                |                             |
|          |                  | 06:00 to 08:00   | 7100                           | 650                    | 6450                               | NA               |                       | 0                                |                             |
|          |                  | 08:00 to 18:00   | 6800                           | 650                    | 6150                               | NA               |                       | 0                                |                             |
|          |                  | 18:00 to 24:00   | 6900                           | 650                    | 6250                               | NA               |                       | 0                                |                             |
|          | 18 Nov to 20 Nov | 00:00 to 06:00   | 6900                           | 650                    | 6250                               | NA               |                       | 0                                |                             |
|          |                  | 06:00 to 18:00   | 6800                           | 650                    | 6150                               | NA               |                       | 0                                |                             |
|          |                  | 18:00 to 24:00   | 6900                           | 650                    | 6250                               | NA               |                       | 0                                |                             |
|          | 21 Nov to 24 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                                |                             |

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|--------------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
|              | 25 Nov to 25 Nov | 00:00 to 06:00   | 7200                           | 650                    | 6550                               | NA               |                       | 0                                |         |
|              |                  | 06:00 to 07:00   | 7100                           | 650                    | 6450                               | NA               |                       | 0                                |         |
|              |                  | 07:00 to 18:00   | 6800                           | 650                    | 6150                               | NA               |                       | 0                                |         |
|              |                  | 18:00 to 24:00   | 6900                           | 650                    | 6250                               | NA               |                       | 0                                |         |
|              | 26 Nov to 29 Nov | 00:00 to 06:00   | 6900                           | 650                    | 6250                               | NA               |                       | 0                                |         |
|              |                  | 06:00 to 18:00   | 6800                           | 650                    | 6150                               | NA               |                       | 0                                |         |
|              |                  | 18:00 to 24:00   | 6900                           | 650                    | 6250                               | NA               |                       | 0                                |         |
|              | 30 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 01 Nov | 00:00 to 08:00   | 24800                          | 1000                   | 23800                              | NA               |                       | 0                                |         |
|              |                  | 08:00 to 09:00   | 24100                          | 1000                   | 23100                              | NA               |                       | 0                                |         |
|              |                  | 09:00 to 15:00   | 18750                          | 1000                   | 17750                              | NA               |                       | 0                                |         |

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|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
|          |                  | 15:00 to 16:00   | 19850                          | 1000                   | 18850                              | NA               |                       | 0                                |         |
|          |                  | 16:00 to 24:00   | 24100                          | 1000                   | 23100                              | NA               |                       | 0                                |         |
|          | 02 Nov to 04 Nov | 00:00 to 09:00   | 24800                          | 1000                   | 23800                              | NA               |                       | 0                                |         |
|          |                  | 09:00 to 15:00   | 19450                          | 1000                   | 18450                              | NA               |                       | 0                                |         |
|          |                  | 15:00 to 16:00   | 20550                          | 1000                   | 19550                              | NA               |                       | 0                                |         |
|          |                  | 16:00 to 24:00   | 24800                          | 1000                   | 23800                              | NA               |                       | 0                                |         |
|          | 05 Nov to 13 Nov | 00:00 to 09:00   | 22350                          | 1000                   | 21350                              | NA               |                       | 0                                |         |
|          |                  | 09:00 to 15:00   | 19050                          | 1000                   | 18050                              | NA               |                       | 0                                |         |
|          |                  | 15:00 to 16:00   | 20550                          | 1000                   | 19550                              | NA               |                       | 0                                |         |
|          |                  | 16:00 to 24:00   | 22350                          | 1000                   | 21350                              | NA               |                       | 0                                |         |
|          | 14 Nov to 14 Nov | 00:00 to 07:00   | 22350                          | 1000                   | 21350                              | NA               |                       | 0                                |         |
|          |                  | 07:00 to 09:00   | 21850                          | 1000                   | 20850                              | NA               |                       | 0                                |         |
|          |                  | 09:00 to 15:00   | 18550                          | 1000                   | 17550                              | NA               |                       | 0                                |         |
|          |                  | 15:00 to 16:00   | 20050                          | 1000                   | 19050                              | NA               |                       | 0                                |         |
|          |                  | 16:00 to 24:00   | 21850                          | 1000                   | 20850                              | NA               |                       | 0                                |         |
|          | 15 Nov to 17 Nov | 00:00 to 09:00   | 22350                          | 1000                   | 21350                              | NA               |                       | 0                                |         |
|          |                  | 09:00 to 15:00   | 19050                          | 1000                   | 18050                              | NA               |                       | 0                                |         |
|          |                  | 15:00 to 16:00   | 20550                          | 1000                   | 19550                              | NA               |                       | 0                                |         |
|          |                  | 16:00 to 24:00   | 22350                          | 1000                   | 21350                              | NA               |                       | 0                                |         |
|          | 18 Nov to        | 00:00 to 07:00   | 22350                          | 1000                   | 21350                              | NA               |                       | 0                                |         |

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|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
|          | 18 Nov           | 07:00 to 08:00   | 21850                          | 1000                   | 20850                              | NA               |                       | 0                                |         |
|          |                  | 08:00 to 09:00   | 21550                          | 1000                   | 20550                              | NA               |                       | 0                                |         |
|          |                  | 09:00 to 15:00   | 18250                          | 1000                   | 17250                              | NA               |                       | 0                                |         |
|          |                  | 15:00 to 16:00   | 19750                          | 1000                   | 18750                              | NA               |                       | 0                                |         |
|          |                  | 16:00 to 24:00   | 21550                          | 1000                   | 20550                              | NA               |                       | 0                                |         |
|          | 19 Nov to 19 Nov | 00:00 to 09:00   | 22350                          | 1000                   | 21350                              | NA               |                       | 0                                |         |
|          |                  | 09:00 to 15:00   | 18750                          | 1000                   | 17750                              | NA               |                       | 0                                |         |
|          |                  | 15:00 to 16:00   | 20250                          | 1000                   | 19250                              | NA               |                       | 0                                |         |
|          |                  | 16:00 to 24:00   | 22050                          | 1000                   | 21050                              | NA               |                       | 0                                |         |
|          | 20 Nov to 20 Nov | 00:00 to 09:00   | 22350                          | 1000                   | 21350                              | NA               |                       | 0                                |         |
|          |                  | 09:00 to 15:00   | 19050                          | 1000                   | 18050                              | NA               |                       | 0                                |         |
|          |                  | 15:00 to 16:00   | 20550                          | 1000                   | 19550                              | NA               |                       | 0                                |         |
|          |                  | 16:00 to 24:00   | 22350                          | 1000                   | 21350                              | NA               |                       | 0                                |         |
|          | 21 Nov to 21 Nov | 00:00 to 08:00   | 22350                          | 1000                   | 21350                              | NA               |                       | 0                                |         |
|          |                  | 08:00 to 09:00   | 22050                          | 1000                   | 21050                              | NA               |                       | 0                                |         |
|          |                  | 09:00 to 15:00   | 18750                          | 1000                   | 17750                              | NA               |                       | 0                                |         |
|          |                  | 15:00 to 16:00   | 20250                          | 1000                   | 19250                              | NA               |                       | 0                                |         |
|          |                  | 16:00 to 24:00   | 22050                          | 1000                   | 21050                              | NA               |                       | 0                                |         |
|          | 22 Nov to 22 Nov | 00:00 to 07:00   | 22350                          | 1000                   | 21350                              | NA               |                       | 0                                |         |
|          |                  | 07:00 to 09:00   | 21150                          | 1000                   | 20150                              | 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 |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
|          |                  | 09:00 to 15:00   | 17850                          | 1000                   | 16850                              | NA               |                       | 0                                |         |
|          |                  | 15:00 to 16:00   | 19350                          | 1000                   | 18350                              | NA               |                       | 0                                |         |
|          |                  | 16:00 to 24:00   | 21150                          | 1000                   | 20150                              | NA               |                       | 0                                |         |
|          | 23 Nov to 30 Nov | 00:00 to 09:00   | 22350                          | 1000                   | 21350                              | NA               |                       | 0                                |         |
|          |                  | 09:00 to 15:00   | 19050                          | 1000                   | 18050                              | NA               |                       | 0                                |         |
|          |                  | 15:00 to 16:00   | 20550                          | 1000                   | 19550                              | NA               |                       | 0                                |         |
|          |                  | 16:00 to 24:00   | 22350                          | 1000                   | 21350                              | NA               |                       | 0                                |         |
|          |                  |                  |                                |                        |                                    |                  |                       |                                  |         |
| WR-SR    | 01 Nov to 14 Nov | 00:00 to 24:00   | 15900                          | 650                    | 15250                              | NA               |                       | 0                                |         |
|          | 15 Nov to 15 Nov | 00:00 to 09:00   | 15900                          | 650                    | 15250                              | NA               |                       | 0                                |         |
|          |                  | 09:00 to 24:00   | 14850                          | 650                    | 14200                              | NA               |                       | 0                                |         |
|          | 16 Nov to 16 Nov | 00:00 to 09:00   | 15900                          | 650                    | 15250                              | NA               |                       | 0                                |         |
|          |                  | 09:00 to 24:00   | 14850                          | 650                    | 14200                              | NA               |                       | 0                                |         |
|          | 17 Nov to 17 Nov | 00:00 to 08:00   | 16100                          | 650                    | 15450                              | NA               |                       | 0                                |         |
|          |                  | 08:00 to 24:00   | 15400                          | 650                    | 14750                              | NA               |                       | 0                                |         |
|          | 18 Nov to 18 Nov | 00:00 to 24:00   | 15200                          | 650                    | 14550                              | NA               |                       | 0                                |         |
|          | 19 Nov to        | 00:00 to 24:00   | 15200                          | 650                    | 14550                              | 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 |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
|          | 20 Nov           |                  |                                |                        |                                    |                  |                       |                                  |         |
|          | 21 Nov to 24 Nov | 00:00 to 24:00   | 15900                          | 650                    | 15250                              | NA               |                       | 0                                |         |
|          | 25 Nov to 25 Nov | 00:00 to 07:00   | 15900                          | 650                    | 15250                              | NA               |                       | 0                                |         |
|          |                  | 07:00 to 24:00   | 15200                          | 650                    | 14550                              | NA               |                       | 0                                |         |
|          | 26 Nov to 29 Nov | 00:00 to 24:00   | 15200                          | 650                    | 14550                              | NA               |                       | 0                                |         |
|          | 30 Nov to 30 Nov | 00:00 to 24:00   | 15900                          | 650                    | 15250                              | 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 04 Nov | 00:00 to 17:00   | 1700                           | 60                     | 1640                               | 824              | 816                   | 0                                |         |
|          |                  | 17:00 to 22:00   | 1200                           | 60                     | 1140                               | 824              | 316                   | 0                                |         |
|          |                  | 22:00 to 24:00   | 1700                           | 60                     | 1640                               | 824              | 816                   | 0                                |         |
|          | 05 Nov to 10 Nov | 00:00 to 17:00   | 1850                           | 60                     | 1790                               | 824              | 966                   | 0                                |         |
|          |                  | 17:00 to 22:00   | 1350                           | 60                     | 1290                               | 824              | 466                   | 0                                |         |
|          |                  | 22:00 to 24:00   | 1850                           | 60                     | 1790                               | 824              | 966                   | 0                                |         |
|          | 11 Nov to 11 Nov | 00:00 to 08:00   | 1850                           | 60                     | 1790                               | 824              | 966                   | 0                                |         |
|          |                  | 08:00 to 17:00   | 1600                           | 60                     | 1540                               | 824              | 716                   | 0                                |         |
|          |                  | 17:00 to 22:00   | 1100                           | 60                     | 1040                               | 824              | 216                   | 0                                |         |
|          |                  | 22:00 to 24:00   | 1600                           | 60                     | 1540                               | 824              | 716                   | 0                                |         |
|          | 12 Nov to 13 Nov | 00:00 to 17:00   | 1580                           | 60                     | 1520                               | 824              | 696                   | 0                                |         |
|          |                  | 17:00 to 22:00   | 1100                           | 60                     | 1040                               | 824              | 216                   | 0                                |         |
|          |                  | 22:00 to 24:00   | 1580                           | 60                     | 1520                               | 824              | 696                   | 0                                |         |
|          | 14 Nov to 15 Nov | 00:00 to 17:00   | 1580                           | 60                     | 1520                               | 824              | 696                   | 0                                |         |
|          |                  | 17:00 to 22:00   | 1130                           | 60                     | 1070                               | 824              | 246                   | 0                                |         |
|          |                  | 22:00 to 24:00   | 1580                           | 60                     | 1520                               | 824              | 696                   | 0                                |         |
|          | 16 Nov to        | 00:00 to 17:00   | 1700                           | 60                     | 1640                               | 824              | 816                   | 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 |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
| NR       | 30 Nov           | 17:00 to 22:00   | 1230                           | 60                     | 1170                               | 824              | 346                   | 0                                |         |
|          |                  | 22:00 to 24:00   | 1700                           | 60                     | 1640                               | 824              | 816                   | 0                                |         |
|          | 01 Oct to 01 Oct | 00:00 to 08:00   | 28400                          | 1400                   | 27000                              | 17344            | 9656                  | 0                                |         |
|          |                  | 08:00 to 09:00   | 27050                          | 1400                   | 25650                              | 17344            | 8306                  | 0                                |         |
|          |                  | 09:00 to 15:00   | 19300                          | 1400                   | 17900                              | 17344            | 556                   | 0                                |         |
|          |                  | 15:00 to 16:00   | 20400                          | 1400                   | 19000                              | 17344            | 1656                  | 0                                |         |
|          |                  | 16:00 to 24:00   | 27050                          | 1400                   | 25650                              | 17344            | 8306                  | 0                                |         |
|          | 02 Nov to 04 Nov | 00:00 to 09:00   | 28400                          | 1400                   | 27000                              | 17344            | 9656                  | 0                                |         |
|          |                  | 09:00 to 15:00   | 20650                          | 1400                   | 19250                              | 17344            | 1906                  | 0                                |         |
|          |                  | 15:00 to 16:00   | 21750                          | 1400                   | 20350                              | 17344            | 3006                  | 0                                |         |
|          |                  | 16:00 to 24:00   | 28400                          | 1400                   | 27000                              | 17344            | 9656                  | 0                                |         |
|          | 05 Nov to 13 Nov | 00:00 to 09:00   | 25700                          | 1400                   | 24300                              | 17344            | 6956                  | 0                                |         |
|          |                  | 09:00 to 15:00   | 20250                          | 1400                   | 18850                              | 17344            | 1506                  | 0                                |         |
|          |                  | 15:00 to 16:00   | 21750                          | 1400                   | 20350                              | 17344            | 3006                  | 0                                |         |
|          |                  | 16:00 to 24:00   | 25700                          | 1400                   | 24300                              | 17344            | 6956                  | 0                                |         |
|          | 14 Nov to 14 Nov | 00:00 to 07:00   | 25700                          | 1400                   | 24300                              | 17344            | 6956                  | 0                                |         |
|          |                  | 07:00 to 09:00   | 24950                          | 1400                   | 23550                              | 17344            | 6206                  | 0                                |         |
|          |                  | 09:00 to 15:00   | 19500                          | 1400                   | 18100                              | 17344            | 756                   | 0                                |         |
|          |                  | 15:00 to 16:00   | 21000                          | 1400                   | 19600                              | 17344            | 2256                  | 0                                |         |
|          |                  | 16:00 to 24:00   | 24950                          | 1400                   | 23550                              | 17344            | 6206                  | 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 |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
|          | 15 Nov to 17 Nov | 00:00 to 09:00   | 25700                          | 1400                   | 24300                              | 17344            | 6956                  | 0                                |         |
|          |                  | 09:00 to 15:00   | 20250                          | 1400                   | 18850                              | 17344            | 1506                  | 0                                |         |
|          |                  | 15:00 to 16:00   | 21750                          | 1400                   | 20350                              | 17344            | 3006                  | 0                                |         |
|          |                  | 16:00 to 24:00   | 25700                          | 1400                   | 24300                              | 17344            | 6956                  | 0                                |         |
|          | 18 Nov to 18 Nov | 00:00 to 07:00   | 25700                          | 1400                   | 24300                              | 17344            | 6956                  | 0                                |         |
|          |                  | 07:00 to 08:00   | 24950                          | 1400                   | 23550                              | 17344            | 6206                  | 0                                |         |
|          |                  | 08:00 to 09:00   | 24500                          | 1400                   | 23100                              | 17344            | 5756                  | 0                                |         |
|          |                  | 09:00 to 15:00   | 19050                          | 1400                   | 17650                              | 17344            | 306                   | 0                                |         |
|          |                  | 15:00 to 16:00   | 20550                          | 1400                   | 19150                              | 17344            | 1806                  | 0                                |         |
|          |                  | 16:00 to 24:00   | 24500                          | 1400                   | 23100                              | 17344            | 5756                  | 0                                |         |
|          | 19 Nov to 19 Nov | 00:00 to 09:00   | 25700                          | 1400                   | 24300                              | 17344            | 6956                  | 0                                |         |
|          |                  | 09:00 to 15:00   | 19800                          | 1400                   | 18400                              | 17344            | 1056                  | 0                                |         |
|          |                  | 15:00 to 16:00   | 21300                          | 1400                   | 19900                              | 17344            | 2556                  | 0                                |         |
|          |                  | 16:00 to 24:00   | 25250                          | 1400                   | 23850                              | 17344            | 6506                  | 0                                |         |
|          | 20 Nov to 20 Nov | 00:00 to 09:00   | 25700                          | 1400                   | 24300                              | 17344            | 6956                  | 0                                |         |
|          |                  | 09:00 to 15:00   | 20250                          | 1400                   | 18850                              | 17344            | 1506                  | 0                                |         |
|          |                  | 15:00 to 16:00   | 21750                          | 1400                   | 20350                              | 17344            | 3006                  | 0                                |         |
|          |                  | 16:00 to 24:00   | 25700                          | 1400                   | 24300                              | 17344            | 6956                  | 0                                |         |
|          | 21 Nov to 21 Nov | 00:00 to 08:00   | 25700                          | 1400                   | 24300                              | 17344            | 6956                  | 0                                |         |
|          |                  | 08:00 to 09:00   | 25250                          | 1400                   | 23850                              | 17344            | 6506                  | 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 |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
|          |                  | 09:00 to 15:00   | 19800                          | 1400                   | 18400                              | 17344            | 1056                  | 0                                |         |
|          |                  | 15:00 to 16:00   | 21300                          | 1400                   | 19900                              | 17344            | 2556                  | 0                                |         |
|          |                  | 16:00 to 24:00   | 25250                          | 1400                   | 23850                              | 17344            | 6506                  | 0                                |         |
|          | 22 Nov to 22 Nov | 00:00 to 07:00   | 25700                          | 1400                   | 24300                              | 17344            | 6956                  | 0                                |         |
|          |                  | 07:00 to 09:00   | 24050                          | 1400                   | 22650                              | 17344            | 5306                  | 0                                |         |
|          |                  | 09:00 to 15:00   | 18600                          | 1400                   | 17200                              | 17344            | 0                     | 0                                |         |
|          |                  | 15:00 to 16:00   | 20100                          | 1400                   | 18700                              | 17344            | 1356                  | 0                                |         |
|          |                  | 16:00 to 24:00   | 24050                          | 1400                   | 22650                              | 17344            | 5306                  | 0                                |         |
|          | 23 Nov to 30 Nov | 00:00 to 09:00   | 25700                          | 1400                   | 24300                              | 17344            | 6956                  | 0                                |         |
|          |                  | 09:00 to 15:00   | 20250                          | 1400                   | 18850                              | 17344            | 1506                  | 0                                |         |
|          |                  | 15:00 to 16:00   | 21750                          | 1400                   | 20350                              | 17344            | 3006                  | 0                                |         |
|          |                  | 16:00 to 24:00   | 25700                          | 1400                   | 24300                              | 17344            | 6956                  | 0                                |         |
| SR       | 01 Nov to 14 Nov | 00:00 to 24:00   | 22100                          | 1000                   | 21100                              | 7601             | 13499                 | 0                                |         |
|          | 15 Nov to 15 Nov | 00:00 to 09:00   | 22100                          | 1000                   | 21100                              | 7601             | 13499                 | 0                                |         |
|          |                  | 09:00 to 24:00   | 20850                          | 1000                   | 19850                              | 7601             | 12249                 | 0                                |         |
|          | 16 Nov to 16 Nov | 00:00 to 09:00   | 22100                          | 1000                   | 21100                              | 7601             | 13499                 | 0                                |         |
|          |                  | 09:00 to 24:00   | 20850                          | 1000                   | 19850                              | 7601             | 12249                 | 0                                |         |
|          | 17 Nov to        | 00:00 to 08:00   | 22300                          | 1000                   | 21300                              | 7601             | 13699                 | 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 |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
|          | 17 Nov           | 08:00 to 24:00   | 21550                          | 1000                   | 20550                              | 7601             | 12949                 | 0                                |         |
|          | 18 Nov to 18 Nov | 00:00 to 24:00   | 21350                          | 1000                   | 20350                              | 7601             | 12749                 | 0                                |         |
|          | 19 Nov to 20 Nov | 00:00 to 24:00   | 21350                          | 1000                   | 20350                              | 7601             | 12749                 | 0                                |         |
|          | 21 Nov to 24 Nov | 00:00 to 24:00   | 22100                          | 1000                   | 21100                              | 7601             | 13499                 | 0                                |         |
|          | 25 Nov to 25 Nov | 00:00 to 07:00   | 22100                          | 1000                   | 21100                              | 7601             | 13499                 | 0                                |         |
|          |                  | 07:00 to 24:00   | 21350                          | 1000                   | 20350                              | 7601             | 12749                 | 0                                |         |
|          | 26 Nov to 29 Nov | 00:00 to 24:00   | 21350                          | 1000                   | 20350                              | 7601             | 12749                 | 0                                |         |
|          | 30 Nov to 30 Nov | 00:00 to 24:00   | 22100                          | 1000                   | 21100                              | 7601             | 13499                 | 0                                |         |
| WR       | 01 Nov to 30 Nov | 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.
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- 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
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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                                |         |
| NER      | 01 Nov to 30 Nov | 00:00 to 17:00   | 3250                           | 60                     | 3190                               | NA               |                       | 0                                |         |
|          |                  | 17:00 to 22:00   | 3250                           | 60                     | 3190                               | NA               |                       | 0                                |         |
|          |                  | 22:00 to 24:00   | 3250                           | 60                     | 3190                               | NA               |                       | 0                                |         |
| NR       | 01 Nov to 03 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                                |         |
|          | 04 Nov to 04 Nov | 00:00 to 08:00   | 6000                           | 500                    | 5500                               | NA               |                       | 0                                |         |
|          |                  | 08:00 to 24:00   | 5550                           | 500                    | 5050                               | NA               |                       | 0                                |         |
|          | 05 Nov to 09 Nov | 00:00 to 24:00   | 6000                           | 500                    | 5500                               | 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                                                       |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------------------------------------------------------------|
|          | 10 Nov to 10 Nov | 00:00 to 10:00   | 6000                           | 500                    | 5500                               | NA               |                       | 0                                |                                                               |
|          |                  | 10:00 to 24:00   | 5100                           | 500                    | 4600                               | NA               |                       | 0                                |                                                               |
|          | 11 Nov to 18 Nov | 00:00 to 24:00   | 6000                           | 500                    | 5500                               | NA               |                       | 0                                |                                                               |
|          | 19 Nov to 19 Nov | 00:00 to 15:00   | 6000                           | 500                    | 5500                               | NA               |                       | 0                                |                                                               |
|          |                  | 15:00 to 24:00   | 3900                           | 500                    | 3400                               | NA               |                       | 0                                |                                                               |
|          | 20 Nov to 25 Nov | 00:00 to 24:00   | 6000                           | 500                    | 5500                               | NA               |                       | 0                                |                                                               |
|          | 26 Nov to 26 Nov | 00:00 to 15:00   | 6000                           | 500                    | 5500                               | NA               |                       | 0                                |                                                               |
|          |                  | 15:00 to 17:00   | 3900                           | 500                    | 3400                               | NA               |                       | -2100                            | ATC/TTC curtailed due to shutdown of 400KV-KANSARI-KANKROLI 2 |
|          |                  | 17:00 to 24:00   | 3000                           | 500                    | 2500                               | NA               |                       | -3000                            | ATC/TTC curtailed due to shutdown of 400KV-KANSARI-KANKROLI 2 |
|          | 27 Nov to 30 Nov | 00:00 to 24:00   | 6000                           | 500                    | 5500                               | 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 |
|----------|------------------|------------------|--------------------------------|------------------------|------------------------------------|------------------|-----------------------|----------------------------------|---------|
| SR       | 01 Nov to 16 Nov | 00:00 to 24:00   | 6400                           | 650                    | 5750                               | NA               |                       | 0                                |         |
|          | 17 Nov to 17 Nov | 00:00 to 08:00   | 6400                           | 650                    | 5750                               | NA               |                       | 0                                |         |
|          |                  | 08:00 to 24:00   | 6100                           | 650                    | 5450                               | NA               |                       | 0                                |         |
|          | 18 Nov to 20 Nov | 00:00 to 24:00   | 6100                           | 650                    | 5450                               | NA               |                       | 0                                |         |
|          | 21 Nov to 24 Nov | 00:00 to 24:00   | 6400                           | 650                    | 5750                               | NA               |                       | 0                                |         |
|          | 25 Nov to 25 Nov | 00:00 to 07:00   | 6400                           | 650                    | 5750                               | NA               |                       | 0                                |         |
|          |                  | 07:00 to 24:00   | 6100                           | 650                    | 5450                               | NA               |                       | 0                                |         |
|          | 26 Nov to 29 Nov | 00:00 to 24:00   | 6100                           | 650                    | 5450                               | NA               |                       | 0                                |         |
|          | 30 Nov to 30 Nov | 00:00 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  |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| WR-NR    | 1. N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit 2. Low Voltages in major load Centres in the northern region during solar hours. 3. High loading of 765 KV Aligarh-Gr. Noida under N-1 contingency of 765 KV Bara-Mainpuri ckt                                                                                                                                                                                                                                                        | 0-25,28-29 |
| 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                                                                                                                                                                                                                    | 0-25,28-29 |
| 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                                                                                                                                                                                                                    | 0-25,28-29 |
| ER-NR    | Inter-regional flow pattern towards NR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0-25,28-29 |
| WR-SR    | Outage of any one of the 2x1500 MVA, 765/400 kV ICTs at Maheswaram overloads the other ICT                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0-25,28-29 |
| ER-SR    | 1. Low Voltage at Gazuwaka (East) Bus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0-25,28-29 |
| SR-WR    | a) Angular separation between Kudgi & Kolhapur (PG) under N-1 touches 30 deg. b) N-1 Contingency of 765/400 kV, 1500 MVA ICTs at Raichur - PG will overload the other circuit. c) N-1 Contingency of 400 kV Pune – Kalwa will overload 400 kV Pune -Khargar & and vice-versa. d) N-1 Contingency of 400 kV Kolhapur – Karad D/C will overload the other circuit. e) N-1 non-compliance of 2*1500 MVA, 765/400 kV ICTs at Section– B at Raigarh – PS (Kotra) with operation of HVDC Raigarh – Pugalur Bipole – 1 in SR-WR direction | 0-25,28-29 |

| Corridor   | Constraints                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Revisions  |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| ER-NER     | N-1 contingency of 400 kV Bongaigaon - Azara line will lead to high Loading of 220 kV Balipara-Sonabil D/C                                                                                                                                                                                                                                                                                                                                                                                                                     | 0-25,28-29 |
| NER-ER     | N-1 contingency of 400 kV Bongaigaon-Alipurduar I or II will lead to the High Loading of 400 kV Bongaigaon-Alipurduar II or I                                                                                                                                                                                                                                                                                                                                                                                                  | 0-25,28-29 |
| NR_IMPORT  | 1. N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit 2. Low Voltages in major load Centres in the northern region during solar hours. 3. High loading of 765 KV Aligarh-Gr. Noida under N-1 contingency of 765 KV Bara-Mainpuri ckt 4. Inter-regional flow pattern towards NR                                                                                                                                                                                                          | 0-25,28-29 |
| NR_EXPORT  | Outage of any one of the two circuits from 400 kV Kankroli to 400 kV Zerda shall overload the other circuit.                                                                                                                                                                                                                                                                                                                                                                                                                   | 0-25,28-29 |
| NER_IMPORT | N-1 contingency of 400 kV Bongaigaon - Azara line will lead to high Loading of 220 kV Balipara-Sonabil D/C                                                                                                                                                                                                                                                                                                                                                                                                                     | 0-25,28-29 |
| NER_EXPORT | N-1 contingency of 400 kV Bongaigaon-Alipurduar I or II will lead to the High Loading of 400 kV Bongaigaon-Alipurduar II or I                                                                                                                                                                                                                                                                                                                                                                                                  | 0-25,28-29 |
| 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                                                                                                                                                                                                                                                                                                                                                                                            | 0-25,28-29 |
| SR_EXPORT  | a) Angular separation between Kudgi & Kolhapur (PG) under N-1 touches 30 deg. b) N-1 Contingency of 765/400 kV, 1500 MVA ICTs at Raichur - PG will overload the other ICT. c) N-1 Contingency of 400 kV Pune – Kalwa will overload 400 kV Pune -Khargar & and vice-versa. d) N-1 Contingency of 400 kV Kolhapur – Karad D/C will overload the other circuit. e) N-1 non-compliance of 2*1500 MVA, 765/400 kV ICTs at Section– B at Raigarh – PS (Kotra) with operation of HVDC Raigarh – Pugalur Bipole – 1 in SR-WR direction | 0-25,28-29 |

## Revision Summary

| Revision | Date Of Revision | Period Of Revision | Reason for Revision/Comment                                                                                | Corridor Affected |
|----------|------------------|--------------------|------------------------------------------------------------------------------------------------------------|-------------------|
| 1        | 28 Dec           | 01 Nov to 30 Nov   | Change in T-GNA Margin due to grant of additional 174 MW GNA to Uttar Pradesh from outside Northern Region | NR_IMPORT         |
|          |                  | 01 Nov to 30 Nov   | Change in T-GNA Margin due to grant of additional 55 MW GNA to Mizoram from outside North Eastern Region   | NER_IMPORT        |
| 2        | 26 Jan           | 01 Nov to 30 Nov   | TTC/ATC revised in view of change in load generation balance and inter-regional flow pattern towards NR    | WR-NR             |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC revised in view of change in load generation balance and inter-regional flow pattern towards NR    | ER-NR             |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC increased with the Commissioning of 765/400 kV, 1500 MVA ICT - 3 at Nizamabad and Change in LGB    | WR-SR             |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC increased with the Commissioning of 765/400 kV, 1500 MVA ICT - 3 at Nizamabad and Change in LGB    | ER-SR             |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC revised in view of change in load generation balance and inter-regional flow pattern towards NR    | NR_IMPORT         |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC increased with the Commissioning of 765/400 kV, 1500 MVA ICT - 3 at Nizamabad and Change in LGB    | SR_IMPORT         |

| Revision | Date Of Revision | Period Of Revision | Reason for Revision/Comment                                                                                                                                                                                       | Corridor Affected |
|----------|------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 3        | 28 Feb           | 01 Nov to 30 Nov   | Revised T-GNA margin due to approval of 500 MW GNA for Andhra Pradesh from Outside Southern Region                                                                                                                | SR_IMPORT         |
| 4        | 28 Mar           | 01 Nov to 30 Nov   | Enhancement in TTC due to Bypassing of 400 kV Kankroli - Bhinmal and 400 kV Bhinmal - Zerda at Bhinmal - PG (Temporary Arrangement) & revival of 400 KV Jodhpur-Kankroli-S/C after reconductoring                 | NR-WR             |
|          |                  | 01 Nov to 30 Nov   | Enhancement in TTC due to Bypassing of 400 kV Kankroli - Bhinmal and 400 kV Bhinmal - Zerda at Bhinmal - PG (Temporary Arrangement) & revival of 400 KV Jodhpur-Kankroli-S/C after reconductoring                 | NR_EXPORT         |
| 5        | 28 Apr           | 01 Nov to 30 Nov   | 1. Revised T-GNA margin due to approval of 6.54 MW GNA for Arunachal Pradesh from Outside North-Eastern Region. 2. Revised T-GNA margin due to approval of 371 MW GNA for Assam from Outside North-Eastern Region | NER_IMPORT        |
|          |                  | 01 Nov to 30 Nov   | Revised T-GNA margin due to approval of 25 MW GNA for Goa from Outside Western Region                                                                                                                             | WR_IMPORT         |
|          |                  | 01 Nov to 30 Nov   | Revised T-GNA margin due to approval of 500 MW GNA for Karnataka from Outside Southern Region                                                                                                                     | SR_IMPORT         |
|          |                  | 01 Nov to 30 Nov   | Revised T-GNA margin due to approval of 24 MW GNA for West Bengal from Outside Eastern Region                                                                                                                     | ER_IMPORT         |
| 6        | 28 Aug           | 01 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                                                                                                                                                                              | WR-NR             |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                                                                                                                                                                              | SR-WR             |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                                                                                                                                                                              | NR_IMPORT         |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                                                                                                                                                                              | SR_EXPORT         |
| 7        | 30 Oct           | 01 Nov to 01 Nov   | TTC/ATC revised due to change in LGB                                                                                                                                                                              | WR-NR             |
|          |                  | 01 Nov to 01 Nov   | Due to shut down of 765KV-CUDDAPAH-THIRUVALAM-1 & 2                                                                                                                                                               | WR-NR             |
|          |                  | 01 Nov to 01 Nov   | Due to shut down of 765KV-CUDDAPAH-THIRUVALAM-1 & 2                                                                                                                                                               | ER-NR             |
|          |                  | 01 Nov to 15 Nov   | Due to shut down of 400KV-NEW RANCHI-CHANDWA-1 & 2                                                                                                                                                                | WR-SR             |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                                                                                                                                                                              | ER-NER            |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                                                                                                                                                                              | NER-ER            |
|          |                  | 01 Oct to 01 Oct   | Due to shut down of 765KV-CUDDAPAH-THIRUVALAM-1 & 2                                                                                                                                                               | NR_IMPORT         |

| Revision | Date Of Revision | Period Of Revision | Reason for Revision/Comment                         | Corridor Affected |
|----------|------------------|--------------------|-----------------------------------------------------|-------------------|
|          |                  | 02 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                | NR_IMPORT         |
|          |                  | 01 Nov to 15 Nov   | Due to shut down of 400KV-NEW RANCHI-CHANDWA-1 & 2  | SR_IMPORT         |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                | NER_EXPORT        |
| 8        | 31 Oct           | 01 Nov to 01 Nov   | TTC/ATC revised due to change in LGB                | WR-NR             |
|          |                  | 01 Nov to 15 Nov   | Due to shut down of 765KV-CUDDAPAH-THIRUVALAM-1 & 2 | WR-SR             |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                | ER-NER            |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                | NER-ER            |
|          |                  | 02 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                | NR_IMPORT         |
|          |                  | 01 Nov to 15 Nov   | Due to shut down of 765KV-CUDDAPAH-THIRUVALAM-1 & 2 | SR_IMPORT         |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                | NER_EXPORT        |
| 9        | 31 Oct           | 01 Nov to 01 Nov   | TTC/ATC revised due to change in LGB                | WR-NR             |
|          |                  | 01 Nov to 15 Nov   | Due to shut down of 765KV-CUDDAPAH-THIRUVALAM-1 & 2 | WR-SR             |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                | ER-NER            |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                | NER-ER            |
|          |                  | 02 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                | NR_IMPORT         |
|          |                  | 01 Nov to 15 Nov   | Due to shut down of 765KV-CUDDAPAH-THIRUVALAM-1 & 2 | SR_IMPORT         |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                | NER_EXPORT        |
| 10       | 31 Oct           | 01 Nov to 01 Nov   | TTC/ATC revised due to change in LGB                | WR-NR             |
|          |                  | 01 Nov to 15 Nov   | Due to shut down of 765KV-CUDDAPAH-THIRUVALAM-1 & 2 | WR-SR             |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                | ER-NER            |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                | NER-ER            |

| Revision | Date Of Revision | Period Of Revision | Reason for Revision/Comment                                                                                                               | Corridor Affected |
|----------|------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
|          |                  | 02 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                                                                                                      | NR_IMPORT         |
|          |                  | 01 Nov to 15 Nov   | Due to shut down of 765KV-CUDDAPAH-THIRUVALAM-1 & 2                                                                                       | SR_IMPORT         |
|          |                  | 01 Nov to 30 Nov   | TTC/ATC revised due to change in LGB                                                                                                      | NER_EXPORT        |
| 11       | 31 Oct           | 01 Nov to 30 Nov   | Due to Change in LGB                                                                                                                      | ER-NER            |
|          |                  | 01 Nov to 30 Nov   | Due to Change in LGB                                                                                                                      | NER-ER            |
|          |                  | 01 Nov to 30 Nov   | Due to Change in LGB                                                                                                                      | NER_IMPORT        |
|          |                  | 01 Nov to 30 Nov   | Due to Change in LGB                                                                                                                      | NER_EXPORT        |
| 12       | 02 Nov           | 04 Nov to 04 Nov   | Due to shutdown of 400KV RAPP-Sujalpur -1                                                                                                 | NR-WR             |
|          |                  | 01 Nov to 30 Nov   | Due to Change in LGB                                                                                                                      | ER-NER            |
|          |                  | 01 Nov to 30 Nov   | Due to Change in LGB                                                                                                                      | NER-ER            |
|          |                  | 01 Nov to 30 Nov   | Due to Change in LGB                                                                                                                      | NER_IMPORT        |
|          |                  | 04 Nov to 04 Nov   | Due to shutdown of 400KV RAPP-Sujalpur -1                                                                                                 | NR_EXPORT         |
|          |                  | 01 Nov to 30 Nov   | Due to Change in LGB                                                                                                                      | NER_EXPORT        |
| 13       | 02 Nov           | 04 Nov to 04 Nov   | Due to shutdown of 400KV RAPP-Sujalpur -1                                                                                                 | NR-WR             |
|          |                  | 04 Nov to 04 Nov   | Due to shutdown of 400KV RAPP-Sujalpur -1                                                                                                 | NR_EXPORT         |
| 14       | 04 Nov           | 05 Nov to 11 Nov   | TTTC/ATC revised due to shutdown of OTPC Palatana Block 2                                                                                 | ER-NER            |
|          |                  | 05 Nov to 11 Nov   | TTTC/ATC revised due to shutdown of OTPC Palatana Block 2                                                                                 | NER_IMPORT        |
| 15       | 04 Nov           | 05 Nov to 30 Nov   | TTC/ATC revised due to the shifting of Rihand-III Units to WR from NR and Change in Load Generation Balance & Inter-regional Flow Pattern | WR-NR             |
|          |                  | 05 Nov to 30 Nov   | TTC/ATC revised due to the shifting of Rihand-III Units to WR from NR and Change in Load Generation Balance & Inter-regional Flow Pattern | NR_IMPORT         |
| 16       | 08 Nov           | 10 Nov to 10 Nov   | Due to shutdown of 765KV/400KV BANASKANTHA-ICT-2                                                                                          | NR-WR             |

| Revision | Date Of Revision | Period Of Revision | Reason for Revision/Comment                        | Corridor Affected |
|----------|------------------|--------------------|----------------------------------------------------|-------------------|
|          |                  | 10 Nov to 10 Nov   | Due to shutdown of 765KV/400KV BANASKANTHA-ICT-2   | NR_EXPORT         |
| 17       | 09 Nov           | 11 Nov to 11 Nov   | Due to shutdown of 400kV Killing Bus A and Bus B   | ER-NER            |
|          |                  | 11 Nov to 11 Nov   | Due to shutdown of 400kV Killing Bus A and Bus B   | NER_IMPORT        |
| 18       | 10 Nov           |                    |                                                    |                   |
| 19       | 12 Nov           | 14 Nov to 14 Nov   | Due to shutdown of 765KV-SATNA-VINDHYACHAL(PS)-2   | WR-NR             |
|          |                  | 14 Nov to 14 Nov   | Due to shutdown of 765KV-SATNA-VINDHYACHAL(PS)-2   | ER-NR             |
|          |                  | 14 Nov to 15 Nov   | Due to shutdown of NTPC - Bongaigaon Unit-1        | ER-NER            |
|          |                  | 16 Nov to 30 Nov   | Due to shutdown of NTPC - Bongaigaon Unit-1        | ER-NER            |
|          |                  | 14 Nov to 14 Nov   | Due to shutdown of 765KV-SATNA-VINDHYACHAL(PS)-2   | NR_IMPORT         |
|          |                  | 14 Nov to 15 Nov   | Due to shutdown of NTPC - Bongaigaon Unit-1        | NER_IMPORT        |
|          |                  | 16 Nov to 30 Nov   | Due to shutdown of NTPC - Bongaigaon Unit-1        | NER_IMPORT        |
| 20       | 13 Nov           | 15 Nov to 15 Nov   | Due to shutdown of HVDC 800KV PUGALUR HVDC POLE 4  | WR-SR             |
|          |                  | 15 Nov to 15 Nov   | Due to shutdown of HVDC 800KV PUGALUR HVDC POLE 4  | ER-SR             |
|          |                  | 15 Nov to 15 Nov   | Due to shutdown of HVDC 800KV PUGALUR HVDC POLE 4  | SR_IMPORT         |
| 21       | 14 Nov           | 16 Nov to 16 Nov   | Due to shutdown of 765KV-CUDDAPAH-THIRUVALAM-1 & 2 | WR-SR             |
|          |                  | 16 Nov to 16 Nov   | Due to shutdown of HVDC 800KV PUGALUR HVDC POLE 4  | WR-SR             |
|          |                  | 16 Nov to 16 Nov   | Due to shutdown of HVDC 800KV PUGALUR HVDC POLE 4  | ER-SR             |
|          |                  | 16 Nov to 16 Nov   | Due to shutdown of 765KV-CUDDAPAH-THIRUVALAM-1 & 2 | SR_IMPORT         |
|          |                  | 16 Nov to 16 Nov   | Due to shutdown of HVDC 800KV PUGALUR HVDC POLE 4  | SR_IMPORT         |
| 22       | 15 Nov           | 17 Nov to 17 Nov   | Due to Shutdown of HVDC Bhadrawati Pole-1          | WR-SR             |
|          |                  | 17 Nov to 17 Nov   | Due to Shutdown of HVDC Bhadrawati Pole-1          | SR-WR             |
|          |                  | 17 Nov to 17 Nov   | Due to Shutdown of HVDC Bhadrawati Pole-1          | ER-SR             |

| Revision | Date Of Revision | Period Of Revision | Reason for Revision/Comment                                           | Corridor Affected |
|----------|------------------|--------------------|-----------------------------------------------------------------------|-------------------|
|          |                  | 17 Nov to 17 Nov   | Due to Shutdown of HVDC Bhadrawati Pole-1                             | SR_IMPORT         |
|          |                  | 17 Nov to 17 Nov   | Due to Shutdown of HVDC Bhadrawati Pole-1                             | SR_EXPORT         |
| 23       | 16 Nov           | 18 Nov to 18 Nov   | Due to shutdown of 765KV-SATNA-VINDHYACHAL(PS)-2                      | WR-NR             |
|          |                  | 18 Nov to 18 Nov   | Due to shutdown of 765Kv Gwalior-Phagi-1                              | WR-NR             |
|          |                  | 18 Nov to 18 Nov   | Due to shutdown of 765KV-SATNA-VINDHYACHAL(PS)-2                      | ER-NR             |
|          |                  | 18 Nov to 18 Nov   | Due to shutdown of 765Kv Gwalior-Phagi-1                              | ER-NR             |
|          |                  | 18 Nov to 18 Nov   | Due to non revival of 765KV-CUDDAPAH-THIRUVALAM-1 & 2                 | WR-SR             |
|          |                  | 18 Nov to 18 Nov   | Due to shutdown of 765KV-SATNA-VINDHYACHAL(PS)-2                      | NR_IMPORT         |
|          |                  | 18 Nov to 18 Nov   | Due to shutdown of 765Kv Gwalior-Phagi-1                              | NR_IMPORT         |
|          |                  | 18 Nov to 18 Nov   | Due to non revival of 765KV-CUDDAPAH-THIRUVALAM-1 & 2                 | SR_IMPORT         |
| 24       | 17 Nov           | 19 Nov to 19 Nov   | TTC/ATC curtailed due to shutdown of 400KV-KANSARI-BHINMAL-KANKROLI 2 | NR-WR             |
|          |                  | 19 Nov to 19 Nov   | TTC/ATC curtailed due to shutdown of 765KV-GWALIOR-JAIPUR-1           | WR-NR             |
|          |                  | 19 Nov to 19 Nov   | TTC/ATC curtailed due to shutdown of 765KV-GWALIOR-JAIPUR-1           | ER-NR             |
|          |                  | 19 Nov to 20 Nov   | Due to non revival of 765KV-CUDDAPAH-THIRUVALAM-1 & 2                 | WR-SR             |
|          |                  | 19 Nov to 19 Nov   | TTC/ATC curtailed due to shutdown of 765KV-GWALIOR-JAIPUR-1           | NR_IMPORT         |
|          |                  | 19 Nov to 20 Nov   | Due to non revival of 765KV-CUDDAPAH-THIRUVALAM-1 & 2                 | SR_IMPORT         |
|          |                  | 19 Nov to 19 Nov   | TTC/ATC curtailed due to shutdown of 400KV-KANSARI-BHINMAL-KANKROLI 2 | NR_EXPORT         |
| 25       | 19 Nov           | 21 Nov to 21 Nov   | Due to shutdown of Gwalior-Phagi-2                                    | WR-NR             |
|          |                  | 21 Nov to 21 Nov   | Due to shutdown of Gwalior-Phagi-2                                    | ER-NR             |
|          |                  | 21 Nov to 21 Nov   | Due to shutdown of Gwalior-Phagi-2                                    | NR_IMPORT         |
| 26       | 20 Nov           | 22 Nov to 22 Nov   | Due to shutdown of 765KV-JABALPUR-ORAI-1 and 765KV-SATNA-BINA-1       | WR-NR             |

| Revision | Date Of Revision | Period Of Revision | Reason for Revision/Comment                                     | Corridor Affected |
|----------|------------------|--------------------|-----------------------------------------------------------------|-------------------|
|          |                  | 22 Nov to 22 Nov   | Due to shutdown of 765KV-JABALPUR-ORAI-1 and 765KV-SATNA-BINA-1 | ER-NR             |
|          |                  | 22 Nov to 22 Nov   | Due to shutdown of 765KV-JABALPUR-ORAI-1 and 765KV-SATNA-BINA-1 | NR_IMPORT         |
| 27       | 20 Nov           | 22 Nov to 22 Nov   | Due to shutdown of 765KV-JABALPUR-ORAI-1 and 765KV-SATNA-BINA-1 | WR-NR             |
|          |                  | 22 Nov to 22 Nov   | Due to shutdown of 765KV-JABALPUR-ORAI-1 and 765KV-SATNA-BINA-1 | ER-NR             |
|          |                  | 22 Nov to 22 Nov   | Due to shutdown of 765KV-JABALPUR-ORAI-1 and 765KV-SATNA-BINA-1 | NR_IMPORT         |
| 28       | 23 Nov           | 25 Nov to 25 Nov   | Due to Shutdown of 400KV Bhadrawati-Ramagundam-2                | WR-SR             |
|          |                  | 25 Nov to 25 Nov   | Due to Shutdown of 400KV Bhadrawati-Ramagundam-2                | SR-WR             |
|          |                  | 25 Nov to 25 Nov   | Due to Shutdown of 400KV Bhadrawati-Ramagundam-2                | ER-SR             |
|          |                  | 25 Nov to 25 Nov   | Due to Shutdown of 400KV Bhadrawati-Ramagundam-2                | SR_IMPORT         |
|          |                  | 25 Nov to 25 Nov   | Due to Shutdown of 400KV Bhadrawati-Ramagundam-2                | SR_EXPORT         |
| 29       | 24 Nov           | 26 Nov to 26 Nov   | ATC/TTC curtailed due to shutdown of 400KV-KANSARI-KANKROLI 2   | NR-WR             |
|          |                  | 26 Nov to 26 Nov   | ATC/TTC curtailed due to shutdown of 400KV-KANSARI-KANKROLI 2   | NR-WR             |
|          |                  | 26 Nov to 26 Nov   | ATC/TTC curtailed due to shutdown of 400KV-KANSARI-KANKROLI 2   | NR_EXPORT         |
|          |                  | 26 Nov to 26 Nov   | ATC/TTC curtailed due to shutdown of 400KV-KANSARI-KANKROLI 2   | NR_EXPORT         |

| ASSUMPTIONS IN BASECASE |                    |                    |                 |                    |                 |
|-------------------------|--------------------|--------------------|-----------------|--------------------|-----------------|
| Month : November'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             | 6786               | 6770            | 3900               | 3660            |
| 2                       | Haryana            | 6932               | 7300            | 1426               | 3659            |
| 3                       | Rajasthan          | 13840              | 17619           | 6944               | 8474            |
| 4                       | Delhi              | 4003               | 4328            | 365                | 314             |
| 5                       | Uttar Pradesh      | 18915              | 17337           | 10369              | 10075           |
| 6                       | Uttarakhand        | 1977               | 1728            | 821                | 366             |

|     |                            |       |       |       |       |
|-----|----------------------------|-------|-------|-------|-------|
| 7   | Himachal Pradesh           | 1660  | 1709  | 595   | 306   |
| 8   | Jammu & Kashmir            | 2278  | 2673  | 226   | 230   |
| 9   | Chandigarh                 | 203   | 176   | 0     | 0     |
| 10  | ISGS/IPPs                  | 114   | 115   | 19978 | 22204 |
|     | Total NR                   | 56708 | 59755 | 44624 | 49288 |
|     |                            |       |       |       |       |
| II  | EASTERN REGION             |       |       |       |       |
| 1   | Bihar                      | 5084  | 4030  | 445   | 436   |
| 2   | Jharkhand                  | 1645  | 1700  | 406   | 427   |
| 3   | Damodar Valley Corporation | 3510  | 3400  | 5600  | 5332  |
| 4   | Orissa                     | 6186  | 6000  | 3818  | 3764  |
| 5   | West Bengal                | 7660  | 8000  | 6462  | 6115  |
| 6   | Sikkim                     | 106   | 98    | 0     | 0     |
| 7   | Bhutan                     | 33    | 49    | 307   | 372   |
| 8   | ISGS/IPPs                  | 920   | 728   | 16923 | 17242 |
|     | Total ER                   | 25143 | 24005 | 33962 | 33688 |
|     |                            |       |       |       |       |
| III | WESTERN REGION             |       |       |       |       |
| 1   | Maharashtra                | 25755 | 29506 | 16723 | 19565 |
| 2   | Gujarat                    | 18687 | 20689 | 8270  | 8865  |
| 3   | Madhya Pradesh             | 14705 | 17125 | 7923  | 9952  |
| 4   | Chattisgarh                | 4208  | 3970  | 1768  | 1801  |
| 5   | DD & DNH                   | 971   | 974   | 0     | 0     |
| 6   | Goa-WR                     | 674   | 676   | 0     | 0     |
| 7   | ISGS/IPPs                  | 2490  | 2493  | 47245 | 48284 |
|     | Total WR                   | 67491 | 75433 | 81929 | 88468 |
|     |                            |       |       |       |       |
| IV  | SOUTHERN REGION            |       |       |       |       |
| 1   | Andhra Pradesh             | 9057  | 12431 | 5376  | 7080  |
| 2   | Telangana                  | 7435  | 9730  | 4578  | 7247  |
| 3   | Karnataka                  | 10750 | 13304 | 5081  | 7257  |
| 4   | Tamil Nadu                 | 16629 | 16830 | 5755  | 9952  |
| 5   | Kerala                     | 4253  | 3484  | 1637  | 646   |
| 6   | Pondy                      | 578   | 575   | 25    | 40    |
| 7   | Goa-SR                     | 87    | 87    | 0     | 0     |
| 8   | ISGS/IPPs                  | 12    | 12    | 21969 | 20081 |
|     | Total SR                   | 48800 | 56452 | 44422 | 52305 |
|     |                            |       |       |       |       |
| V   | NORTH-EASTERN REGION       |       |       |       |       |

|   |                   |        |        |        |        |
|---|-------------------|--------|--------|--------|--------|
| 1 | Arunachal Pradesh | 164    | 100    | 0      | 0      |
| 2 | Assam             | 1430   | 1140   | 271    | 444    |
| 3 | Manipur           | 260    | 138    | 0      | 0      |
| 4 | Meghalaya         | 468    | 348    | 139    | 13     |
| 5 | Mizoram           | 169    | 140    | 31     | 8      |
| 6 | Nagaland          | 157    | 119    | 14     | 7      |
| 7 | Tripura           | 366    | 316    | 190    | 193    |
| 8 | ISGS/IPPs         | 0      | 0      | 3215   | 2609   |
|   | Total NER         | 3014   | 2301   | 3860   | 3274   |
|   |                   |        |        |        |        |
|   | Total All India   | 201120 | 217890 | 208385 | 226545 |