

National Load Despatch Centre
Total Transfer Capability for June 2019

Issue Date: 16th June 2019

Issue Time: 1320 hrs

Revision No. 19

| Corridor | Date | Time Period (hrs) | Total Transfer Capability (TTC) | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) # | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Comments |
|----------------|----------------------------------|----------------------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| NR-WR* | 1st June 2019 to 30th June 2019 | 00-06 | 2500 | 500 | 2000 | 195 | 1805 | | |
| | | 06-18 | | | | 250 | 1750 | | |
| | | 18-24 | | | | 195 | 1805 | | |
| WR-NR* | 1st June 2019 to 07th June 2019 | 00-24 | 13250 | 500 | 12750 | 9783 | 2967 | | |
| | | | 12300** | | 11800** | 8833** | 2967** | | |
| | 08th June 2019 | 00-04 | 13250 | 500 | 12750 | 9783 | 2967 | | |
| | | | 12300** | | 11800** | 8833** | 2967** | | |
| | | 04-24 | 12000 | 500 | 11500 | 9783 | 1717 | | |
| | | 11050** | 10550** | | 8833** | 1717** | | | |
| | | 09th June 2019 to 12th June 2019 | 00-24 | 13250 | 500 | 12750 | 9783 | 2967 | |
| | | 12300** | 11800** | 8833** | | 2967** | | | |
| | 13th June 2019 to 14th June 2019 | 00-24 | 11250 | 500 | 10750 | 9783 | 967 | | |
| | | 10300** | 9800** | | 8833** | 967** | | | |
| | 15th June 2019 to 30th June 2019 | 00-24 | 13250 | 500 | 12750 | 9783 | 2967 | | |
| | | 12300** | 11800** | | 8833** | 2967** | | | |
| NR-ER* | 1st June 2019 to 30th June 2019 | 00-06 | 2000 | 200 | 1800 | 193 | 1607 | | |
| | | 06-18 | 2000 | | 1800 | 303 | 1497 | | |
| | | 18-24 | 2000 | | 1800 | 193 | 1607 | | |
| ER-NR* | 1st June 2019 to 30th June 2019 | 00-24 | 5250 | 300 | 4950 | 3979 | 971 | | |
| W3-ER | 1st June 2019 to 30th June 2019 | 00-24 | No limit is being specified. | | | | | | |
| ER-W3 | 1st June 2019 to 30th June 2019 | 00-24 | No limit is being specified. | | | | | | |
| WR-SR | 1st June 2019 to 06th June 2019 | 00-05 | 5550 | 500 | 5050 | 4143 | 907 | | |
| | | 05-22 | 5550 | | 5050 | | 907 | | |
| | | 22-24 | 5550 | | 5050 | | 907 | | |
| | 07th June 2019 | 00-05 | 5050 | 500 | 4550 | 4143 | 407 | | |
| | | 05-22 | 5050 | | 4550 | | 407 | | |
| | | 22-24 | 5050 | | 4550 | | 407 | | |
| | 08th June 2019 | 00-05 | 5050 | 500 | 4550 | 4143 | 407 | | |
| | | 05-22 | 5050 | | 4550 | | 407 | | |
| | | 22-24 | 5050 | | 4550 | | 407 | | |
| | 09th June 2019 | 00-05 | 5050 | 500 | 4550 | 4143 | 407 | | |
| | | 05-22 | 5050 | | 4550 | | 407 | | |
| | | 22-24 | 5050 | | 4550 | | 407 | | |
| 10th June 2019 | 00-05 | 5050 | 500 | 4550 | 4143 | 407 | | | |
| | 05-22 | 5050 | | 4550 | | 407 | | | |
| | 22-24 | 5050 | | 4550 | | 407 | | | |

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|----------------------------------|----------------------------------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|--|
| WR_SR | 11th June 2019 to 13th June 2019 | 00-05 | 5050 | 500 | 4550 | 4143 | 407 | | | |
| | | 05-22 | 5050 | | 4550 | | 407 | | | |
| | | 22-24 | 5050 | | 4550 | | 407 | | | |
| | 14th June 2019 to 15th June 2019 | 00-05 | 5050 | 500 | 4550 | 4143 | 407 | | | |
| | | 05-22 | 5050 | | 4550 | | 407 | | | |
| | | 22-24 | 5050 | | 4550 | | 407 | | | |
| | 16th June 2019 | 00-05 | 5050 | 500 | 4550 | 4143 | 407 | | | |
| | | 05-22 | 5050 | | 4550 | | 407 | | | |
| | | 22-24 | 5050 | | 4550 | | 407 | | | |
| | 17th June 2019 to 23rd June 2019 | 00-05 | 5050 | 500 | 4550 | 4143 | 407 | -500 | | Revised due to Forced outage (Extended) of HVDC Bhadravati Block-2 |
| | | 05-22 | 5050 | | 4550 | | 407 | -500 | | |
| | | 22-24 | 5050 | | 4550 | | 407 | -500 | | |
| 24th June 2019 to 30th June 2019 | 00-05 | 5550 | 500 | 5050 | 4143 | 907 | | | | |
| | 05-22 | 5550 | | 5050 | | 907 | | | | |
| | 22-24 | 5550 | | 5050 | | 907 | | | | |
| SR-WR * | 1st June 2019 to 30th June 2019 | 00-24 | No limit is being Specified. | | | | | | | |
| ER-SR | 1st June 2019 to 30th June 2019 | 00-06 | 4950 | 250 | 4700 | 2748 | 1952 | | | |
| | | 06-18 | | | | 2833 | 1867 | | | |
| | | 18-24 | | | | 2748 | 1952 | | | |
| SR-ER * | 1st June 2019 to 30th June 2019 | 00-24 | No limit is being Specified. | | | | | | | |
| ER-NER | 1st June 2019 | 00-08 | 1200 | 45 | 1155 | 280 | 875 | | | |
| | | 08-17 | 1150 | | 1105 | | 825 | | | |
| | | 17-23 | 1030 | | 985 | | 705 | | | |
| | | 23-24 | 1150 | | 1105 | | 825 | | | |
| | 02nd June 2019 | 00-17 | 1200 | 45 | 1155 | 280 | 875 | | | |
| | | 17-23 | 1160 | | 1115 | | 835 | | | |
| | | 23-24 | 1200 | | 1155 | | 875 | | | |
| | 03rd June 2019 | 00-09 | 1200 | 45 | 1155 | 280 | 875 | | | |
| | | 09-17 | 1025 | | 980 | | 700 | | | |
| | | 17-23 | 840 | | 795 | | 515 | | | |
| | | 23-24 | 1025 | | 980 | | 700 | | | |
| | 04th June 2019 | 00-08 | 1200 | 45 | 1155 | 280 | 875 | | | |
| | | 08-17 | 930 | | 885 | | 605 | | | |
| | | 17-23 | 860 | | 815 | | 535 | | | |
| | | 23-24 | 930 | | 885 | | 605 | | | |
| | 05th June 2019 to 07th June 2019 | 00-17 | 1200 | 45 | 1155 | 280 | 875 | | | |
| | | 17-23 | 1160 | | 1115 | | 835 | | | |
| | | 23-24 | 1200 | | 1155 | | 875 | | | |
| | 08th June 2019 | 00-08 | 1200 | 45 | 1155 | 280 | 875 | | | |
| | | 08-17 | 1150 | | 1105 | | 825 | | | |
| | | 17-23 | 1030 | | 985 | | 705 | | | |
| | | 23-24 | 1150 | | 1105 | | 825 | | | |
| | 09th June 2019 | 00-17 | 1200 | 45 | 1155 | 280 | 875 | | | |
| | | 17-23 | 1160 | | 1115 | | 835 | | | |
| 23-24 | | 1200 | 1155 | | 875 | | | | | |
| 10th June 2019 to 13th June 2019 | 00-08 | 1200 | 45 | 1155 | 280 | 875 | | | | |
| | 08-17 | 1150 | | 1105 | | 825 | | | | |
| | 17-23 | 1030 | | 985 | | 705 | | | | |
| | 23-24 | 1150 | | 1105 | | 825 | | | | |

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| Corridor | Date | Time Period (hrs) | Total Transfer Capability (TTC) | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) # | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Comments | |
|----------------------------------|----------------------------------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|--|
| ER-NER | 14th June 2019 | 00-17 | 1200 | 45 | 1155 | 280 | 875 | | | |
| | | 17-23 | 1160 | | 1115 | | 835 | | | |
| | | 23-24 | 1200 | | 1155 | | 875 | | | |
| | 15th June 2019 to 23th June 2019 | 00-09 | 1200 | 45 | 1155 | 280 | 875 | | | |
| | | 09-17 | 890 | | 845 | | 565 | | | |
| | | 17-23 | 862 | | 817 | | 537 | | | |
| | 24th June 2019 to 30th June 2019 | 00-17 | 1200 | 45 | 1155 | 280 | 875 | | | |
| | | 17-23 | 1160 | | 1115 | | 835 | | | |
| | | 23-24 | 1200 | | 1155 | | 875 | | | |
| | NER-ER | 1st June 2019 | 00-08 | 2564 | 45 | 2519 | 0 | 2519 | | |
| | | | 08-17 | 2130 | | 2085 | | 2085 | | |
| | | | 17-23 | 1980 | | 1935 | | 1935 | | |
| 23-24 | | | 2130 | 2085 | | 2085 | | | | |
| 02nd June 2019 | | 00-17 | 2564 | 45 | 2519 | 0 | 2519 | | | |
| | | 17-23 | 2390 | | 2345 | | 2345 | | | |
| NER-ER | 03rd June 2019 | 00-09 | 2564 | 45 | 2519 | 0 | 2519 | | | |
| | | 09-17 | 1836 | | 1791 | | 1791 | | | |
| | | 17-23 | 1693 | | 1648 | | 1648 | | | |
| | | 23-24 | 1836 | | 1791 | | 1791 | | | |
| | 04th June 2019 | 00-08 | 2564 | 45 | 2519 | 0 | 2519 | | | |
| | | 08-17 | 2070 | | 2025 | | 2025 | | | |
| | | 17-23 | 1960 | | 1915 | | 1915 | | | |
| | | 23-24 | 2070 | | 2025 | | 2025 | | | |
| | 05th June 2019 to 07th June 2019 | 00-17 | 2564 | 45 | 2519 | 0 | 2519 | | | |
| | | 17-23 | 2390 | | 2345 | | 2345 | | | |
| | 08th June 2019 | 00-08 | 2564 | 45 | 2519 | 0 | 2519 | | | |
| | | 08-17 | 2130 | | 2085 | | 2085 | | | |
| | | 17-23 | 1980 | | 1935 | | 1935 | | | |
| | | 23-24 | 2130 | | 2085 | | 2085 | | | |
| | 09th June 2019 | 00-17 | 2564 | 45 | 2519 | 0 | 2519 | | | |
| | | 17-23 | 2390 | | 2345 | | 2345 | | | |
| | | 23-24 | 2564 | | 2519 | | 2519 | | | |
| | 10th June 2019 to 13th June 2019 | 00-08 | 2564 | 45 | 2519 | 0 | 2519 | | | |
| | | 08-17 | 2130 | | 2085 | | 2085 | | | |
| | | 17-23 | 1980 | | 1935 | | 1935 | | | |
| | | 23-24 | 2130 | | 2085 | | 2085 | | | |
| | 14th June 2019 | 00-17 | 2564 | 45 | 2519 | 0 | 2519 | | | |
| | | 17-23 | 2390 | | 2345 | | 2345 | | | |
| | | 23-24 | 2564 | | 2519 | | 2519 | | | |
| 15th June 2019 to 23th June 2019 | 00-09 | 2564 | 45 | 2519 | 0 | 2519 | | | | |
| | 09-17 | 1835 | | 1790 | | 1790 | | | | |
| | 17-23 | 1690 | | 1645 | | 1645 | | | | |
| | 23-24 | 1835 | | 1790 | | 1790 | | | | |
| 24th June 2019 to 30th June 2019 | 00-17 | 2564 | 45 | 2519 | 0 | 2519 | | | | |
| | 17-23 | 2390 | | 2345 | | 2345 | | | | |
| | 23-24 | 2564 | | 2519 | | 2519 | | | | |

| | | | | | | | | | |
|--------------------------|---------------------------------|-------|---|--|--|--|--|--|--|
| W3 zone Injection | 1st June 2019 to 30th June 2019 | 00-24 | No limit is being specified (In case of any constraints appearing in the system, W3 zone export would be revised accordingly) | | | | | | |
|--------------------------|---------------------------------|-------|---|--|--|--|--|--|--|

Note: TTC/ATC of S1-(S2&S3) corridor, Import of S3(Kerala), Import of Punjab and Import of DD & DNH is uploaded on NLDC website under Intra-Regional Section in Monthly ATC.

* Fifty Percent (50 %) Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for advanced transactions (Bilateral & First Come First Serve).

**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.

- 1) S1 comprises of Telangana, AP and Karnataka; S2 comprises of Tamil Nadu and Puducherry; S3 comprises Kerala
- 2) W3 comprises of the following regional entities :

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|----------|------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
|----------|------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|

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) Korba, j) Sipat, k) KSK Mahanadi, L)DB Power, m) KWPCCL, n)Vandana Vidyut o)RKM, p)GMR Raikheda, q)Ind Barath and any other regional entity generator in Chhattisgarh

The figure is based on LTA/MTOA approved by CTU and Allocation figures as per RPCs RTA/REA. In actual Operation, due to Units being on Maintenance/ Fuel shortage/New units being commissioned the LTA/MTOA utilized would vary. RLDC/NLDC would factor this situation on day-ahead basis. In the eventuality that net schedules exceed ATC, real time curtailments might be effected by RLDCs/NLDC.

In case of TTC Revision due to any shutdown :

- 1) The TTC value will be revised to normal values after restoration of shutdown.
- 2) The TTC value will be revised to normal values if the shutdown is not being availed in real time.

Simultaneous Import Capability

| Corridor | Date | Time Period (hrs) | Total Transfer Capability (TTC) | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Comments |
|-----------|----------------------------------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| ER | | | | | | | | | |
| NR | 1st June 2019 to 07th June 2019 | 00-06 | 17650 16700** | 800 | 16850 15900** | 13762 12812** | 3088 3088** | | |
| | | 06-17 | 18900 17950** | | 18100 17150** | | 4388 4388** | | |
| | | 17-24 | 17000 16050** | | 16200 15250** | | 2438 2438** | | |
| | | | | | | | | | |
| NR | 08th June 2019 | 00-04' | 17650 16700** | 800 | 16850 15900** | 13762 12812** | 3088 3088** | | |
| | | 04-06' | 16000 15050** | | 15200 14250** | | 1438 1438** | | |
| | | 06-08 | 17150 16200** | | 16350 15400** | | 2588 2588** | | |
| | | 08-17 | 17150 16200** | | 16350 15400** | | 2588 2588** | | |
| | | 17-24 | 15400 14450** | | 14600 13650** | | 838 838** | | |
| | | | | | | | | | |
| NR | 09th June 2019 to 12th June 2019 | 00-06 | 17650 16700** | 800 | 16850 15900** | 13762 12812** | 3088 3088** | | |
| | | 06-17 | 18900 17950** | | 18100 17150** | | 4388 4388** | | |
| | | 17-24 | 17000 16050** | | 16200 15250** | | 2438 2438** | | |
| | | | | | | | | | |
| NR | 13th June 2019 to 14th June 2019 | 00-06 | 15000 14050** | 800 | 14200 13250** | 13762 12812** | 438 438** | | |
| | | 06-17 | 16100 15150** | | 15300 14350** | | 1538 1538** | | |
| | | 17-24 | 14450 13500** | | 13650 12700** | | 0 0** | | |
| | | | | | | | | | |

| | | | | | | | | | |
|-------------------------------------|--|----------------|---------|---------|---------|----------------------|--------|-----|--|
| NR | 15th June 2019 to 30th June 2019 | 00-06 | 17650 | 800 | 16850 | 13762 12812** | 3088 | | |
| | | 06-17 | 16700** | | 15900** | | 3088** | | |
| | | | 18900 | | 18100 | | 4388 | | |
| | | 17-24 | 17950** | | 17150** | | 4388** | | |
| | | 17000 | | 16200 | | | 2438 | | |
| | | 16050** | | 15250** | | | 2438** | | |
| NER | 1st June 2019 | 00-08 | 1200 | 45 | 1155 | 280 | 875 | | |
| | | 08-17 | 1150 | | 1105 | | 825 | | |
| | | 17-23 | 1030 | | 985 | | 705 | | |
| | | 23-24 | 1150 | | 1105 | | 825 | | |
| | 02nd June 2019 | 00-17 | 1200 | 45 | 1155 | 280 | 875 | | |
| | | 17-23 | 1160 | | 1115 | | 835 | | |
| | | 23-24 | 1200 | | 1155 | | 875 | | |
| | 03rd June 2019 | 00-09 | 1200 | 45 | 1155 | 280 | 875 | | |
| | | 09-17 | 1025 | | 980 | | 700 | | |
| | | 17-23 | 840 | | 795 | | 515 | | |
| | | 23-24 | 1025 | | 980 | | 700 | | |
| | NER | 04th June 2019 | 00-08 | 1200 | 45 | 1155 | 280 | 875 | |
| 08-17 | | | 930 | 885 | | 605 | | | |
| 17-23 | | | 860 | 815 | | 535 | | | |
| 23-24 | | | 930 | 885 | | 605 | | | |
| NER | 05th June 2019 to 07th June 2019 | 00-17 | 1200 | 45 | 1155 | 280 | 875 | | |
| | | 17-23 | 1160 | | 1115 | | 835 | | |
| | | 23-24 | 1200 | | 1155 | | 875 | | |
| | 08th June 2019 | 00-08 | 1200 | 45 | 1155 | 280 | 875 | | |
| | | 08-17 | 1150 | | 1105 | | 825 | | |
| | | 17-23 | 1030 | | 985 | | 705 | | |
| | | 23-24 | 1150 | | 1105 | | 825 | | |
| | 09th June 2019 | 00-17 | 1200 | 45 | 1155 | 280 | 875 | | |
| | | 17-23 | 1160 | | 1115 | | 835 | | |
| | | 23-24 | 1200 | | 1155 | | 875 | | |
| | 10th June 2019 to 13th June 2019 | 00-08 | 1200 | 45 | 1155 | 280 | 875 | | |
| | | 08-17 | 5050 | | 5005 | | 4725 | | |
| | | 17-23 | 5050 | | 5005 | | 4725 | | |
| | | 23-24 | 5050 | | 5005 | | 4725 | | |
| | | 08-17 | 1150 | | 1105 | | 825 | | |
| | | 17-23 | 1030 | | 985 | | 705 | | |
| | | 23-24 | 1150 | | 1105 | | 825 | | |
| | 14th June 2019 | 00-17 | 1200 | 45 | 1155 | 280 | 875 | | |
| | | 17-23 | 1160 | | 1115 | | 835 | | |
| | | 23-24 | 1200 | | 1155 | | 875 | | |
| | 15th June 2019 to 23th June 2019 | 00-09 | 1200 | 45 | 1155 | 280 | 875 | | |
| | | 09-17' | 890 | | 845 | | 565 | | |
| | | 17-23 | 862 | | 817 | | 537 | | |
| | | 23-24 | 890 | | 845 | | 565 | | |
| 24th June 2019 to 30th June 2019 | 00-17 | 1200 | 45 | 1155 | 280 | 875 | | | |
| | 17-23 | 1160 | | 1115 | | 835 | | | |
| | 23-24 | 1200 | | 1155 | | 875 | | | |

| WR | | | | | | | | | |
|----|--|-------|-------|-----|------|------|------|------|---|
| SR | 1st June 2019 to 06th June 2019 | 00-06 | 10500 | 750 | 9750 | 6891 | 2859 | | |
| | | 06-18 | 10500 | | 9750 | 6976 | 2774 | | |
| | | 18-24 | 10500 | | 9750 | 6891 | 2859 | | |
| | 07th June 2019 | 00-06 | 10000 | 750 | 9250 | 6891 | 2359 | | |
| | | 06-18 | 10000 | | 9250 | 6976 | 2274 | | |
| | | 18-24 | 10000 | | 9250 | 6891 | 2359 | | |
| SR | 08th June 2019 | 00-06 | 10000 | 750 | 9250 | 6891 | 2359 | | |
| | | 06-18 | 10000 | | 9250 | 6976 | 2274 | | |
| | | 18-24 | 10000 | | 9250 | 6891 | 2359 | | |
| | 09th June 2019 | 00-06 | 10000 | 750 | 9250 | 6891 | 2359 | | |
| | | 06-18 | 10000 | | 9250 | 6976 | 2274 | | |
| | | 18-24 | 10000 | | 9250 | 6891 | 2359 | | |
| | 10th June 2019 | 00-06 | 10000 | 750 | 9250 | 6891 | 2359 | | |
| | | 06-18 | 10000 | | 9250 | 6976 | 2274 | | |
| | | 18-24 | 10000 | | 9250 | 6891 | 2359 | | |
| | 11th June 2019 to 13th June 2019 | 00-06 | 10000 | 750 | 9250 | 6891 | 2359 | | |
| | | 06-18 | 10000 | | 9250 | 6976 | 2274 | | |
| | | 18-24 | 10000 | | 9250 | 6891 | 2359 | | |
| | 14th June 2019 to 15th June 2019 | 00-06 | 10000 | 750 | 9250 | 6891 | 2359 | | |
| | | 06-18 | 10000 | | 9250 | 6976 | 2274 | | |
| | | 18-24 | 10000 | | 9250 | 6891 | 2359 | | |
| | 16th June 2019 | 00-06 | 10000 | 750 | 9250 | 6891 | 2359 | | |
| | | 06-18 | 10000 | | 9250 | 6976 | 2274 | | |
| | | 18-24 | 10000 | | 9250 | 6891 | 2359 | | |
| | 17th June 2019 to 23rd June 2019 | 00-06 | 10000 | 750 | 9250 | 6891 | 2359 | -500 | Revised due to Forced outage (Extended) of HVDC Bhadravati Block- 2 |
| | | 06-18 | 10000 | | 9250 | 6976 | 2274 | -500 | |
| | | 18-24 | 10000 | | 9250 | 6891 | 2359 | -500 | |
| | 24th June 2019 to 30th June 2019 | 00-06 | 10500 | 750 | 9750 | 6891 | 2859 | | |
| | | 06-18 | 10500 | | 9750 | 6976 | 2774 | | |
| | | 18-24 | 10500 | | 9750 | 6891 | 2859 | | |

* Fifty Percent (50 %) Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for advanced transactions (Bilateral & First Come First Serve).

**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.

* For approving STOA Bilateral transactions, margin available in Simultaneous Import of NR would be apportioned on WR-NR Corridor & ER-NR Corridor in the following ratio:

Margin in Simultaneous import of NR = A

WR-NR ATC = B

ER-NR ATC = C

Margin for WR-NR applicants = $A * B / (B+C)$

Margin for ER-NR Applicants = $A * C / (B+C)$

Simultaneous Export Capability

| Corridor | Date | Time Period (hrs) | Total Transfer Capability (TTC) | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Comments |
|----------|----------------------------------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| NR* | 1st June 2019 to 30th June 2019 | 00-06 | 4500 | 700 | 3800 | 388 | 3412 | | |
| | | 06-18 | | | 3800 | 553 | 3247 | | |
| | | 18-24 | 4500 | | 3800 | 388 | 3412 | | |
| NER | 1st June 2019 | 00-08 | 2564 | 45 | 2519 | 0 | 2519 | | |
| | | 08-17 | 2130 | | 2085 | | 2085 | | |
| | | 17-23 | 1980 | | 1935 | | 1935 | | |
| | | 23-24 | 2130 | | 2085 | | 2085 | | |
| | 02nd June 2019 | 00-17 | 2564 | 45 | 2519 | 0 | 2519 | | |
| | | 17-23 | 2390 | | 2345 | | 2345 | | |
| | | 23-24 | 2564 | | 2519 | | 2519 | | |
| | 03rd June 2019 | 00-09 | 2564 | 45 | 2519 | 0 | 2519 | | |
| | | 09-17 | 1836 | | 1791 | | 1791 | | |
| | | 17-23 | 1693 | | 1648 | | 1648 | | |
| | | 23-24 | 1836 | | 1791 | | 1791 | | |
| | 04th June 2019 | 00-08 | 2564 | 45 | 2519 | 0 | 2519 | | |
| | | 08-17 | 2070 | | 2025 | | 2025 | | |
| | | 17-23 | 1960 | | 1915 | | 1915 | | |
| | | 23-24 | 2070 | | 2025 | | 2025 | | |
| | 05th June 2019 to 07th June 2019 | 00-17 | 2564 | 45 | 2519 | 0 | 2519 | | |
| | | 17-23 | 2390 | | 2345 | | 2345 | | |
| | | 23-24 | 2564 | | 2519 | | 2519 | | |
| | 08th June 2019 | 00-08 | 2564 | 45 | 2519 | 0 | 2519 | | |
| | | 08-17 | 2130 | | 2085 | | 2085 | | |
| | | 17-23 | 1980 | | 1935 | | 1935 | | |
| | | 23-24 | 2130 | | 2085 | | 2085 | | |
| | 09th June 2019 | 00-17 | 2564 | 45 | 2519 | 0 | 2519 | | |
| | | 17-23 | 2390 | | 2345 | | 2345 | | |
| | | 23-24 | 2564 | | 2519 | | 2519 | | |
| | 10th June 2019 to 13th June 2019 | 00-08 | 2564 | 45 | 2519 | 0 | 2519 | | |
| | | 08-17 | 2130 | | 2085 | | 2085 | | |
| | | 17-23 | 1980 | | 1935 | | 1935 | | |
| 23-24 | | 2130 | 2085 | | 2085 | | | | |

| | | | | | | | | | |
|---|--|--------|------------------------------|----|------|---|------|--|--|
| NER | 14th June 2019 | 00-17 | 2564 | 45 | 2519 | 0 | 2519 | | |
| | | 17-23 | 2390 | | 2345 | | 2345 | | |
| | | 23-24 | 2564 | | 2519 | | 2519 | | |
| | 15th June 2019 to 23th June 2019 | 00-09' | 2564 | 45 | 2519 | 0 | 2519 | | |
| | | 09-17' | 1835 | | 1790 | | 1790 | | |
| | | 17-23 | 1690 | | 1645 | | 1645 | | |
| | | 23-24 | 1835 | | 1790 | | 1790 | | |
| | 24th June 2019 to 30th June 2019 | 00-17 | 2564 | 45 | 2519 | 0 | 2519 | | |
| | | 17-23 | 2390 | | 2345 | | 2345 | | |
| | | 23-24 | 2564 | | 2519 | | 2519 | | |
| | WR | | | | | | | | |
| | | | | | | | | | |
| SR * | 1st June 2019 to 30th June 2019 | 00-24 | No limit is being Specified. | | | | | | |
| * Fifty Percent (50 %) Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for advanced transactions (Bilateral & First Come First Serve). | | | | | | | | | |
| 5050 | | | | | 5050 | | | | |

* Fifty Percent (50 %) Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for advanced transactions (Bilateral & First Come First Serve).

Limiting Constraints (Corridor wise)

| Corridor | Constraint | Applicable Revisions | |
|-------------------|--|------------------------|-----------|
| NR-WR | (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Bhanpura-Modak | Rev-0 to 19 | |
| WR-NR | n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Agra (PG) will lead to overloading of the second ICT | Rev-0 to 5 | |
| | n-1 contingency of 765 kV Aligarh - Jhatikara Line will lead to overloading of 765 kV Aligarh - Gr. Noida Line | Rev-6 to 19 | |
| NR-ER | (n-1) contingency of 400 kV Saranath-Pusauli | Rev-0 to 19 | |
| ER-NR | 1. N-1 contingencies of 400 kv Mejia-Maithon A S/C 2. N-1 contingencies of 400 kv Kahalgaon-Banka S/C 3. N-1 contingencies of 400kV MPL- Maithon S/C | Rev-0 to 19 | |
| WR-SR and ER-SR | n-1 contingency of 2x315 MVA, 400/220 kV ICTs at Mardam will lead to overloading of the second ICT | Rev-0 to 19 | |
| | n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG) will lead to overloading of the second ICT | Rev-0 to 19 | |
| | Low Voltage at Gazuwaka (East) Bus. | Rev-0 to 19 | |
| ER-NER | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa b. High loading of 220 kV Balipara-Sonabil line(200 MW) | Rev-0 to 6 | |
| | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa b. High Loading of 220 kV Samaguri- Sonabil-II (200 MW) | Rev-7-9,11,13-15,17-19 | |
| | a. 400 kV Bongaigaon - Azara TL kV Salakati -BTPS D/C(200 MW) | b. High Loading of 220 | Rev-10 |
| | a. (n-1) contingency of 400Misa-Balipara-1 b. High Loading of 220 kV Samaguri- Sonabil-II (200 MW) | | Rev-12,16 |
| NER-ER | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa b. High loading of 220 kV Balipara-Sonabil line(200 MW) | Rev-0 to 6 | |
| | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa b. High Loading of 220 kV Samaguri- Sonabil-II (200 MW) | Rev-7-9,11,13-15,17-19 | |
| | a. 400 kV Bongaigaon - Azara TL 220 kV Samaguri- Sonabil-II (200 MW) | b. High Loading of | Rev-10 |
| | a. (n-1) contingency of 400Misa-Balipara-1 b. High Loading of 220 kV Samaguri- Sonabil-II (200 MW) | | Rev-12,16 |
| W3 zone Injection | --- | Rev-0 to 19 | |

Limiting Constraints (Simultaneous)

| | | Applicable Revisions | |
|---|--------|--|------------------------|
| NR | Import | 1. N-1 contingencies of 400 kv Mejia-Maithon A S/C 2. N-1 contingencies of 400 kv Kahalgaon-Banka S/C 3. N-1 contingencies of 400kV MPL- Maithon S/C | Rev-0 to 19 |
| | | n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Agra (PG) will lead to overloading of the second ICT | Rev-0 to 5 |
| | | n-1 contingency of 765 kV Aligarh - Jhatikara Line will lead to overloading of 765 kV Aligarh - Gr. Noida Line | Rev-6 to 19 |
| | Export | (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Bhanpura-Modak. (n-1) contingency of 400 kV Saranath-Pusauli | Rev-0 to 19 |
| NER | Import | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa b. High loading of 220 kV Balipara-Sonabil line(200 MW) | Rev-0 to 6 |
| | | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa b. High Loading of 220 kV Samaguri- Sonabil-II (200 MW) | Rev-7-9,11,13-15,17-19 |
| | | a. 400 kV Bongaigaon - Azara TL kV Salakati -BTPS D/C(200 MW) | b. High Loading of 220 |
| | | a. (n-1) contingency of 400Misa-Balipara-1 b. High Loading of 220 kV Samaguri- Sonabil-II (200 MW) | Rev-12,16 |
| | Export | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa b. High loading of 220 kV Balipara-Sonabil line(200 MW) | Rev-0 to 6 |
| | | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa b. High Loading of 220 kV Samaguri- Sonabil-II (200 MW) | Rev-7-9,11,13-15,17-19 |
| a. 400 kV Bongaigaon - Azara TL 220 kV Samaguri- Sonabil-II (200 MW) | | b. High Loading of | Rev-10 |
| | | a. (n-1) contingency of 400Misa-Balipara-1 b. High Loading of 220 kV Samaguri- Sonabil-II (200 MW) | Rev-12,16 |
| SR | Import | n-1 contingency of 2x315 MVA, 400/220 kV ICTs at Mardam will lead to overloading of the second ICT | Rev-0 to 19 |
| | | n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG) will lead to overloading of the second ICT | Rev-0 to 19 |
| | | Low Voltage at Gazuwaka (East) Bus. | Rev-0 to 19 |

**National Load Despatch Centre
Total Transfer Capability for June 2019**

Issue Date: 16th June 2019

Issue Time: 1300 hrs

| Revision No | Date of Revision | Period of Revision | Reason for Revision/Comment | Corridor Affected |
|-------------|------------------|--------------------|---|---------------------------------|
| 1 | 07th Mar 2019 | Whole Month | Operationalization of 87 MW LTA from Teesta - III HEP to Rajasthan | ER-NR/Import of NR |
| | | | Operationalization of 50 MW LTA from Orange Sirong Wind Power Limited (OSWPPL) to Haryana | WR-NR/Import of NR |
| 2 | 28th Mar 2019 | Whole Month | Operationalization of the following LTAs:- a) Tuticorin - Mytrah Power to UPPCL, Uttar Pradesh - 51.84 MW | WR-NR/Import of NR |
| | | | Allocation of 40 MW power from Mouda Stg-II to Assam | ER-NER/Import of NER |
| 3 | 05th April 2019 | Whole Month | a) Operationalization of 25.74 MW LTA from Tuticorin Mytrah Power to Assam. b) Operationalization of 5 MW LTA from Rajasthan (Solar Power) to Assam. c) Completion of the period of allocation of 40 MW power from Mouda Stg-II to Assam. | ER-NER/Import of NER |
| 4 | 28th April 2019 | Whole Month | a) Operationalization of 73.75 MW LTA to DMRC from Rewa UMSP - ACME Power (29.5 MW), Arinsun Power (29.5 MW) and Mahindra Power (14.75 MW) b) Change in LTA from KSK Mahanadi to UP from 750 MW to 950 MW c) Change in LTA from Tuticorin - Mytrah Power to UP from 51.84 MW to 74.82 MW d) Change in LTA from Tuticorin - Orange Power to Haryana from 50 MW to 100 MW e) Change in LTA from Ostro Kutch Wind Private Limited to UP from 90.2 MW to 100 MW | WR-NR/Import of NR |
| | | | Change in LTA from Tuticorin Mytrah Power to Assam from 25.74 MW to 37.4 MW | ER-NER/Import of NER |
| | | | a) Change in MTOA from KSK Mahanadi to AP from 400 MW to 150 MW b) Operationalization of 13.65 MW MTOA NSPCL to SAIL, Salem (TN) | WR-SR/Import of SR |
| 5 | 24th May 2019 | Whole Month | Change in LTA quantum from Tuticorin Mytrah Power to Assam from 37.4 MW to 50 MW | ER-NER/Import of NER |
| 6 | 28th May 2019 | Whole Month | a) Operationalization of 23.2 MW LTA from RPL-SECI-II (RE) to Punjab. b) Operationalization of 23.2 MW LTA from RPL-SECI-II (RE) to UP. c) Change in LTA quantum from Mytrah Power to UP from 75 MW to 100 MW. d) Change in LTA quantum from KSK Mahanadi to UP from 950 MW to 820 MW. e) Change in LTA quantum from ACME - RUMS to DMRC from 30 to 33 MW. f) Change in LTA quantum from ARINSUN - Rewa UMSP to DMRC from 30 to 33 MW. g) Change in LTA quantum from Mahindra - Rewa UMSP to DMRC from 15 to 7.75 MW. | WR-NR/Import of NR |
| | | | a) Change in MTOA quantum from KSK Mahanadi to AP from 150 MW to 340 MW. b) Change in LTA quantum from KSK Mahanadi to TN from 500 MW to 440 MW. c) Completion of 200 MW MTOA from JPL -II to TN. | WR-SR/Import of SR |
| | | | Change in load - generation balance in NER | ER-NER and Import/Export of NER |
| 7 | 30th May 2019 | Whole Month | Change in load - generation balance in NER | ER-NER and Import/Export of NER |
| 8 | 31st May 2019 | 1st June 2019 | Revised due to shutdown of 400kV Misa-Balipara-2 line. | ER-NER and Import/Export of NER |
| 9 | 02nd June 2019 | 03rd June 2019 | Revised due to shutdown of 400kV 315MVA ICT-2 at Misa SS. | ER-NER and Import/Export of NER |
| 10 | 03rd June 2019 | 04th June 2019 | Revised due to Shutdown of 400 kV Bongaigaon - Byrnihat TL with LR | ER-NER and Import/Export of NER |
| 11 | 06th June 2019 | 07th June 2019 | Revised due to forced outage of Pole-2 at HVDC Bhadravathi | WR-SR/Import of SR |

| | | | | |
|----|----------------|---|--|---------------------------------|
| 12 | 07th June 2019 | 08th June 2019 | Revised due to Emergency shutdown of HVDC Champa-Kurukshetra pole-1 | WR-NR/Import of NR |
| | | 08th June 2019 & 10th June 2019 to 13th June 2019 | Revised due to shutdown of 400kV Misa-Balipara-2 line. | ER-NER and Import/Export of NER |
| | | 08th June 2019 | Revised due to forced outage of Pole-2 at HVDC Bhadravathi | WR-SR/Import of SR |
| 13 | 08th June 2019 | 09th June 2019 | Revised due to forced outage of Pole-2 at HVDC Bhadravathi | WR-SR/Import of SR |
| 14 | 09th June 2019 | 10th June 2019 | Revised due to forced outage of Pole-2 at HVDC Bhadravathi | WR-SR/Import of SR |
| 15 | 10th June 2019 | 11th June 2019 to 13th June 2019 | Revised due to forced outage of Pole-2 at HVDC Bhadravathi | WR-SR/Import of SR |
| 16 | 12th June 2019 | 13th June 2019 to 14th June 2019 | Revised in anticipation of tripping of HVDC Mundra-Mohindergarh Bipole during cyclone "VAYU" | WR-NR/Import of NR |
| | | 14th June 2019 to 15th June 2019 | Revised due to Forced outage of Block-2 at HVDC Bhadravathi | WR-SR/Import of SR |
| 17 | 13th June 2019 | 15th June 2019 to 23rd June 2019 | Revised due to shutdown of 400/220 kV, 500 MVA ICT-1 at Misa SS | ER-NER and Import/Export of NER |
| 18 | 15th June 2019 | 16th June 2019 | Revised due to Forced outage (Extended) of HVDC Bhadravati Block-2 | WR-SR/Import of SR |
| 19 | 16th June 2019 | 17th June 2019 to 23rd June 2019 | Revised due to Forced outage (Extended) of HVDC Bhadravati Block-2 | WR-SR/Import of SR |

| ASSUMPTIONS IN BASECASE | | | | | |
|-------------------------|----------------------------|----------------|--------------------|-----------------|---------------|
| | | | | Month : June'19 | |
| S.No. | Name of State/Area | Load | | Generation | |
| | | Peak Load (MW) | Off Peak Load (MW) | Peak (MW) | Off Peak (MW) |
| I | NORTHERN REGION | | | | |
| 1 | Punjab | 9674 | 9921 | 4554 | 4420 |
| 2 | Haryana | 8100 | 8297 | 1804 | 1804 |
| 3 | Rajasthan | 11941 | 11831 | 8923 | 8923 |
| 4 | Delhi | 6316 | 6647 | 860 | 860 |
| 5 | Uttar Pradesh | 17366 | 15270 | 8505 | 8514 |
| 6 | Uttarakhand | 2120 | 2162 | 1058 | 911 |
| 7 | Himachal Pradesh | 1604 | 1349 | 836 | 769 |
| 8 | Jammu & Kashmir | 2659 | 2384 | 812 | 1286 |
| 9 | Chandigarh | 346 | 292 | 0 | 0 |
| 10 | ISGS/IPPs | 29 | 29 | 21041 | 18890 |
| | Total NR | 60155 | 58182 | 48393 | 46376 |
| II | EASTERN REGION | | | | |
| 1 | Bihar | 4369 | 3260 | 208 | 164 |
| 2 | Jharkhand | 1296 | 889 | 389 | 267 |
| 3 | Damodar Valley Corporation | 2757 | 2851 | 5367 | 3602 |
| 4 | Orissa | 4183 | 3555 | 3020 | 1906 |
| 5 | West Bengal | 8554 | 5927 | 6226 | 4108 |
| 6 | Sikkim | 100 | 93 | 0 | 0 |
| 7 | Bhutan | 197 | 197 | 1018 | 1097 |
| 8 | ISGS/IPPs | 294 | 294 | 11522 | 8973 |
| | Total ER | 21750 | 17066 | 27750 | 20117 |
| III | WESTERN REGION | | | | |
| 1 | Maharashtra | 17042 | 15322 | 11227 | 11269 |
| 2 | Gujarat | 14986 | 14971 | 8552 | 8555 |
| 3 | Madhya Pradesh | 7796 | 7505 | 3567 | 4645 |
| 4 | Chattisgarh | 3372 | 3000 | 1905 | 2553 |
| 5 | Daman and Diu | 320 | 307 | 0 | 0 |
| 6 | Dadra and Nagar Haveli | 752 | 754 | 0 | 0 |
| 7 | Goa-WR | 485 | 342 | 0 | 0 |
| 8 | ISGS/IPPs | 4397 | 4235 | 40908 | 36436 |
| | Total WR | 49150 | 46437 | 66159 | 63460 |

| S.No. | Name of State/Area | Load | | Generation | |
|-------|--|----------------|--------------------|------------|---------------|
| | | Peak Load (MW) | Off Peak Load (MW) | Peak (MW) | Off Peak (MW) |
| IV | SOUTHERN REGION | | | | |
| 1 | Andhra Pradesh | 8942 | 6902 | 5919 | 4357 |
| 2 | Telangana | 8337 | 6461 | 4431 | 3591 |
| 3 | Karnataka | 7500 | 5000 | 4716 | 4025 |
| 4 | Tamil Nadu | 15200 | 13901 | 8036 | 6573 |
| 5 | Kerala | 3706 | 2226 | 1459 | 192 |
| 6 | Pondy | 358 | 358 | 0 | 0 |
| 7 | Goa-SR | 70 | 70 | 0 | 0 |
| 8 | ISGS/IPPs | 0 | 0 | 13977 | 12028 |
| | 17th June 2019 to 23th June 2019 | 44113 | 5050 | 38539 | 30766 |
| | | | 5050 | | |
| V | NORTH-EASTERN REGION | | 5050 | | |
| | 24th June 2019 to 30th June 2019 | 44113 | 34918 | 38539 | 30766 |
| V | NORTH-EASTERN REGION | | | | |
| 1 | Arunachal Pradesh | 132 | 64 | 0 | 0 |
| 2 | Assam | 1729 | 1280 | 235 | 192 |
| 3 | Manipur | 179 | 85 | 0 | 0 |
| 4 | Meghalaya | 286 | 218 | 272 | 246 |
| 5 | Mizoram | 101 | 69 | 64 | 8 |
| 6 | Nagaland | 121 | 83 | 21 | 12 |
| 7 | Tripura | 246 | 151 | 77 | 77 |
| 8 | ISGS/IPPs | | 85 | | 2035 |
| | Total NER | 2954 | 2035 | 2902 | 2570 |
| | | | | | |
| | Total All India | 178946 | 159463 | 185285 | 164747 |