

**National Load Despatch Centre
Total Transfer Capability for December 2015**

Issue Date: 13/12/2015

Issue Time: 1200 hrs

Revision No. 10

| 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 Dec 2015 to 31st Dec 2015 | 00-24 | 2500 | 500 | 2000 | 706 | 1294 | | |
| WR-NR* | 1st Dec 2015 | 00-06 | 7700 | 500 | 7200 | 5818 | 1382 | | |
| | | 06-24' | 6700 | 500 | 6200 | 5818 | 382 | | |
| | 2nd Dec 2015 to 5th Dec 2015 | 00-06 | 7700 | 500 | 7200 | 5818 | 1382 | | |
| | | 06-24' | 6700 | 500 | 6200 | 5818 | 382 | | |
| | 6th Dec 2015 to 8th Dec 2015 | 00-24 | 7700 | 500 | 7200 | 5818 | 1382 | | |
| | 9th Dec 2015 to 31st Dec 2015 | 00-24 | 7700 | 500 | 7200 | 6103 | 1097 | | |
| NR-ER* | 1st Dec 2015 to 31st Dec 2015 | 00-06 | 2000 | 200 | 1800 | 293 | 1507 | | |
| | | 06-18' | 2000 | | 1800 | 358 | 1442 | | |
| | | 18-24 | 2000 | | 1800 | 293 | 1507 | | |
| ER-NR* | 1st Dec 2015 to 31st Dec 2015 | 00-24 | 3800 | 300 | 3500 | 2431 | 1069 | | |
| W3-ER\$ | 1st Dec 2015 to 31st Dec 2015 | 00-24 | No limit is being specified. No Re-routing is allowed via W3-ER-NR. | | | | | | |
| ER-W3 | 1st Dec 2015 to 31st Dec 2015 | 00-24 | No limit is being specified. | | | | | | |
| WR-SR | 1st Dec 2015 to 11th Dec 2015 | 00-24 | 3200 | 750 | 2450 | 2450 | 0 | | |
| | 12th Dec 2015 | 00-07 | 3200 | 750 | 2450 | 2450 | 0 | | |
| | | 07-24' | 1000 | 0 | 1000 | 2450 | 0 | | |
| 13th Dec 2015 to 31st Dec 2015 | 00-24 | 3200 | 750 | 2450 | 2450 | 0 | | | |
| SR-WR * | 1st Dec 2015 to 31st Dec 2015 | 00-24 | No limit is being Specified. | | | | | | |
| ER-SR | 1st Dec 2015 to 31st Dec 2015 | 00-06 | 2650 | 0 | 2650 | 2585 | 65 | | |
| | | 18-24 | | | | 2650 | 0 | | |
| SR-ER * | 1st Dec 2015 to 31st Dec 2015 | 00-24 | No limit is being Specified. | | | | | | |

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|--------------------------------|-------------------------------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|--|----------|
| ER-NER | 1st Dec 2015 | 00-07 | 1290 | 45 | 1245 | 210 | 1035 | | |
| | | 0700-1630 | 1160 | | 1115 | | 905 | | |
| | | 1630-1700 | 1290 | | 1245 | | 1035 | | |
| | | 17-23 | 1100 | | 1055 | | 845 | | |
| | | 23-24 | 1290 | | 1245 | | 1035 | | |
| | 2nd Dec 2015 | 00-17 | 1290 | 45 | 1245 | 210 | 1035 | | |
| | | 17-23 | 1100 | | 1055 | | 845 | | |
| | 3rd Dec 2015 | 00-07 | 1290 | 45 | 1245 | 210 | 1035 | | |
| | | 0700-1630 | 1160 | | 1115 | | 905 | | |
| | | 1630-1700 | 1290 | | 1245 | | 1035 | | |
| | | 17-23 | 1100 | | 1055 | | 845 | | |
| | | 23-24 | 1290 | | 1245 | | 1035 | | |
| | 4th Dec 2015 to 6th Dec 2015 | 00-17 | 1290 | 45 | 1245 | 210 | 1035 | | |
| | | 17-23 | 1100 | | 1055 | | 845 | | |
| | 7th Dec 2015 | 00-07 | 1290 | 45 | 1245 | 210 | 1035 | | |
| | | 07-17' | 1160 | | 1115 | | 905 | | |
| | | 17-23 | 1100 | | 1055 | | 845 | | |
| | | 23-24 | 1160 | | 1115 | | 905 | | |
| | 8th Dec 2015 to 11th Dec 2015 | 00-17 | 1160 | 45 | 1115 | 210 | 905 | | |
| | | 17-23 | 1100 | | 1055 | | 845 | | |
| | | 23-24 | 1160 | | 1115 | | 905 | | |
| | 12th Dec 2015 | 00-07 | 1290 | 45 | 1245 | 210 | 1035 | | |
| | | 07-17' | 1160 | | 1115 | | 905 | | |
| | | 17-23 | 1100 | | 1055 | | 845 | | |
| 23-24 | | 1160 | 1115 | | 905 | | -130 | | |
| 13th Dec 2015 to 14th Dec 2015 | 00-17 | 1160 | 45 | 1115 | 210 | 905 | -130 | Revised due to extension of shutdown of 220 kV Balipara - Sonabil (part of 220 kV Balipara - Samaguri S/C) | |
| | 17-23 | 1100 | | 1055 | | 845 | | | |
| | 23-24 | 1160 | | 1115 | | 905 | -130 | | |
| 15th Dec 2015 | 00-17 | 1160 | 45 | 1115 | 210 | 905 | -130 | | |
| | 17-23 | 1100 | | 1055 | | 845 | | | |
| | 23-24 | 1290 | | 1245 | | 1035 | | | |
| 16th Dec 2015 to 31st Dec 2015 | 00-17 | 1290 | 45 | 1245 | 210 | 1035 | | | |
| | 17-23 | 1100 | | 1055 | | 845 | | | |
| | 23-24 | 1290 | | 1245 | | 1035 | | | |
| 1st Dec 2015 | 00-07 | 1480 | 45 | 1435 | 0 | 1435 | | | |
| | 0700-1630 | 1110 | | 1065 | | 1065 | | | |
| | 1630-1700 | 1480 | | 1435 | | 1435 | | | |
| | 17-23 | 1340 | | 1295 | | 1295 | | | |
| | 23-24 | 1480 | | 1435 | | 1435 | | | |
| 2nd Dec 2015 | 00-17 | 1480 | 45 | 1435 | 0 | 1435 | | | |
| | 17-23 | 1340 | | 1295 | | 1295 | | | |
| 3rd Dec 2015 | 00-07 | 1480 | 45 | 1435 | 0 | 1435 | | | |
| | 0700-1630 | 1110 | | 1065 | | 1065 | | | |
| | 1630-1700 | 1480 | | 1435 | | 1435 | | | |
| | 17-23 | 1340 | | 1295 | | 1295 | | | |
| | 23-24 | 1480 | | 1435 | | 1435 | | | |

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Total Transfer Capability for December 2015**

Issue Date: 13/12/2015

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Revision No. 10

| 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 |
|--|--------------------------------|-------------------|--|--------------------|-------------------------------------|--|--|-------------------------------------|--|
| NER-ER | 4th Dec 2015 to 6th Dec 2015 | 00-17 | 1480 | 45 | 1435 | 0 | 1435 | | Revised due to extension of shutdown of 220 kV Balipara - Sonabil (part of 220 kV Balipara - Samaguri S/C) |
| | | 17-23 | 1340 | | 1295 | | 1295 | | |
| | 7th Dec 2015 | 00-07 | 1480 | 45 | 1435 | 0 | 1435 | | |
| | | 07-17' | 1110 | | 1065 | | 1065 | | |
| | | 17-23 | 950 | | 905 | | 905 | | |
| | | 23-24 | 1110 | | 1065 | | 1065 | | |
| | 8th Dec 2015 to 11th Dec 2015 | 00-17 | 1110 | 45 | 1065 | 0 | 1065 | | |
| | | 17-23 | 950 | | 905 | | 905 | | |
| | | 23-24 | 1110 | | 1065 | | 1065 | | |
| | 12th Dec 2015 | 00-07 | 1110 | 45 | 1065 | 0 | 1065 | | |
| | | 07-17' | 1110 | | 1065 | | 1065 | | |
| | | 17-23 | 950 | | 905 | | 905 | | |
| | | 23-24 | 1110 | | 1065 | | 1065 | | |
| | 13th Dec 2015 to 14th Dec 2015 | 00-17 | 1110 | 45 | 1065 | 0 | 1065 | -370 | |
| | | 17-23 | 950 | | 905 | | 905 | | |
| | | 23-24 | 1110 | | 1065 | | 1065 | | |
| | 15th Dec 2015 | 00-07 | 1110 | 45 | 1065 | 0 | 1065 | -370 | |
| | | 07-17' | 1110 | | 1065 | | 1065 | | |
| | | 17-23 | 1340 | | 1295 | | 1295 | | |
| | | 23-24 | 1480 | | 1435 | | 1435 | | |
| 16th Dec 2015 to 31st Dec 2015 | 00-17 | 1480 | 45 | 1435 | 0 | 1435 | | | |
| | 17-23 | 1340 | | 1295 | | 1295 | | | |
| W3 zone Injection | 1st Dec 2015 to 31st Dec 2015 | 00-24 | No limit is being specified (in case of skewed inter-regional flows or any constraints appearing in the system, W3 zone export would be revised accordingly) | | | | | | |
| Note: TTC/ATC of S1-S2 corridor, Import of Punjab and Import of DD & DNH is uploaded on NLDC website under Intra-Regional Section in Monthly ATC.A7 | | | | | | | | | |

* 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).

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

\$ As per Simulations, predominant direction of flow is on West to North Corridor. Hence, in case injection point is in Western Region (W1,W2,W3), STOA/PX transactions from West to North on West-East-North corridor shall not be allowed as such transaction increases congestion in the West to North Corridor.

- 1) S1 comprises of Telangana, AP and Karnataka: S2 comprises of Tamil Nadu, Kerala and Puducherry
- 2) 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) Korba, j) Sipat, k) KSK Mahanadi, l) DB Power, m) KWPCCL, n) Vandana Vidyut

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.

Limiting Constraints

| Corridor | Constraint |
|-------------------|--|
| NR-WR | (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. |
| WR-NR | 1. (n-1) Contingency of 765kV Gwalior-Agra one ckt leads to 2750 MW loading on second circuit. 2. High Loading of 400kV Singrauli-Anpara S/C. |
| NR-ER | (n-1) contingency of 400 kV Saranath-Pusauli |
| ER-NR | 1. n-1 contingency of one circuit of 400 kV Biharsharif- Lakhisarai leads to high loading on the other circuit 2. n-1 contingency of one circuit of 400 kV Farakka-Malda leads to high loading of the other circuit |
| WR-SR & ER-SR | (n-1) contingency of one circuit of 765 kV Raichur - Sholapur will lead to 2000 MW loading on the other circuit Low Voltage at Gazuwaka (East) Bus. |
| ER-NER | (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other 400/220 kV, 315 MVA ICT at Misa. n-1 contingency of 400/132 kV, 2 x 200 MVA ICTs at Silchar |
| NER-ER | (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other 400/220 kV, 315 MVA ICT at Misa |
| W3 zone Injection | --- |

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 Dec 2015 | 00-05 | 11000 | 800 | 10200 | 8249 | 1951 | | |
| | | 05-06' | 11100 | | 11100 | | 2851 | | |
| | | 06-08' | 9658 | | 8858 | | 609 | | |
| | | 08-19' | 9571 | | 8771 | | 522 | | |
| | | 19-24 | 8919 | | 8119 | | 0 | | |
| | 2nd Dec 2015 to 5th Dec 2015 | 00-05 | 11000 | 800 | 10200 | 8249 | 1951 | | |
| | | 05-06' | 11100 | | 11100 | | 2851 | | |
| | | 06-08' | 9658 | | 8858 | | 609 | | |
| | | 08-19' | 9571 | | 8771 | | 522 | | |
| | | 19-24 | 8919 | | 8119 | | 0 | | |
| | 6th Dec 2015 to 8th Dec 2015 | 00-05 | 11000 | 800 | 10200 | 8249 | 1951 | | |
| | | 05-08' | 11100 | | 10300 | | 2051 | | |
| | | 08-19' | 11000 | | 10200 | | 1951 | | |
| | | 19-24 | 10250 | | 9450 | | 1201 | | |
| | 9th Dec 2015 to 31st Dec 2015 | 00-05 | 11000 | 800 | 10200 | 8534 | 1666 | | |
| | | 05-08' | 11100 | | 10300 | | 1766 | | |
| | | 08-19' | 11000 | | 10200 | | 1666 | | |
| | | 19-24 | 10250 | | 9450 | | 916 | | |

| | | | | | | | | | |
|-----------------------------------|----------------------------------|----------------|------|------|------|------|------|--|--|
| NER | 1st Dec 2015 | 00-07 | 1290 | 45 | 1245 | 210 | 1035 | | |
| | | 0700-1630 | 1160 | | 1115 | | 905 | | |
| | | 1630-1700 | 1290 | | 1245 | | 1035 | | |
| | | 17-23 | 1100 | | 1055 | | 845 | | |
| | | 23-24 | 1290 | | 1245 | | 1035 | | |
| | 2nd Dec 2015 | 00-17 23-24 | 1290 | 45 | 1245 | 210 | 1035 | | |
| | | 17-23 | 1100 | | 1055 | | 845 | | |
| | 3rd Dec 2015 | 00-07 | 1290 | 45 | 1245 | 210 | 1035 | | |
| | | 0700-1630 | 1160 | | 1115 | | 905 | | |
| | | 1630-1700 | 1290 | | 1245 | | 1035 | | |
| | | 17-23 | 1100 | | 1055 | | 845 | | |
| | | 23-24 | 1290 | | 1245 | | 1035 | | |
| | 4th Dec 2015 to 6th Dec 2015 | 00-17 23-24 | 1290 | 45 | 1245 | 210 | 1035 | | |
| | | 17-23 | 1100 | | 1055 | | 845 | | |
| | 7th Dec 2015 | 00-07 | 1290 | 45 | 1245 | 210 | 1035 | | |
| | | 07-17' | 1160 | | 1115 | | 905 | | |
| | | 17-23 | 1100 | | 1055 | | 845 | | |
| | | 23-24 | 1160 | | 1115 | | 905 | | |
| | 8th Dec 2015 to 11th Dec 2015 | 00-17 | 1160 | 45 | 1115 | 210 | 905 | | |
| | | 17-23 | 1100 | | 1055 | | 845 | | |
| | | 23-24 | 1160 | | 1115 | | 905 | | |
| | 12th Dec 2015 | 00-07 | 1290 | 45 | 1245 | 210 | 1035 | | |
| | | 07-17' | 1160 | | 1115 | | 905 | | |
| | | 17-23 | 1100 | | 1055 | | 845 | | |
| 23-24 | | 1160 | 1115 | | 905 | | -130 | | |
| 13th Dec 2015 to 14th Dec 2015 | 00-17 | 1160 | 45 | 1115 | 210 | 905 | -130 | Revised due to extension of shutdown of 220 kV Balipara - Sonabil (part of 220 kV Balipara - Samaguri S/C) | |
| | 17-23 | 1100 | | 1055 | | 845 | | | |
| | 23-24 | 1160 | | 1115 | | 905 | -130 | | |
| 15th Dec 2015 | 00-17 | 1160 | 45 | 1115 | 210 | 905 | -130 | | |
| | 17-23 | 1100 | | 1055 | | 845 | | | |
| | 23-24 | 1290 | | 1245 | | 1035 | | | |
| 16th Dec 2015 to 31st Dec 2015 | 00-17 23-24 | 1290 | 45 | 1245 | 210 | 1035 | | | |
| | 17-23 | 1100 | | 1055 | | 845 | | | |

| WR | | | | | | | | | |
|----|-----------------------------------|--------|------|-----|------|------|----|--|--|
| SR | 1st Dec 2015 to 11th Dec 2015 | 00-06 | 5850 | 750 | 5100 | 5035 | 65 | | |
| | | 06-18' | 5850 | | 5100 | 5100 | 0 | | |
| | | 18-24 | 5850 | | 5100 | 5035 | 65 | | |
| | 12th Dec 2015 | 00-06 | 5850 | 750 | 5100 | 5035 | 65 | | |
| | | 06-07' | 5850 | | 5100 | 5100 | 0 | | |
| | | 07-18' | 3650 | 0 | 3650 | 5100 | 0 | | |
| | | 18-24 | 3650 | 0 | 3650 | 5035 | 0 | | |
| | 13th Dec 2015 to 31st Dec 2015 | 00-06 | 5850 | 750 | 5100 | 5035 | 65 | | |
| | | 06-18' | 5850 | | 5100 | 5100 | 0 | | |
| | | 18-24 | 5850 | | 5100 | 5035 | 65 | | |

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

* 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 = $A * C / (B+C)$

Example: Margin for WR-NR applicants from 00-05 hours = $1831 * 7200 / (7200+3100) = 1280$

Margin for ER-NR applicants from 00-05 hours = $1831 * 3500 / (7200+3500) = 599$

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 Dec 2015 to 31st Dec 2015 | 00-06 | 4500 | 700 | 3800 | 999 | 2801 | | |
| | | 06-18' | | | 3800 | 1064 | 2736 | | |
| | | 18-24 | 4500 | | 3800 | 999 | 2801 | | |
| NER-ER | 1st Dec 2015 | 00-07 | 1480 | 45 | 1435 | 0 | 1435 | | |
| | | 0700-1630 | 1110 | | 1065 | | 1065 | | |
| | | 1630-17-23 | 1480 | | 1435 | | 1435 | | |
| | | 17-23 | 1340 | | 1295 | | 1295 | | |
| | | 23-24 | 1480 | | 1435 | | 1435 | | |
| | 2nd Dec 2015 | 00-17 | 1480 | 45 | 1435 | 0 | 1435 | | |
| | | 23-24 | | | 1295 | | 1295 | | |
| | 3rd Dec 2015 | 00-07 | 1480 | 45 | 1435 | 0 | 1435 | | |
| | | 0700-1630 | 1110 | | 1065 | | 1065 | | |
| | | 1630-1700 | 1480 | | 1435 | | 1435 | | |
| | | 17-23 | 1340 | | 1295 | | 1295 | | |
| | | 23-24 | 1480 | | 1435 | | 1435 | | |
| | 4th Dec 2015 to 6th Dec 2015 | 00-17 | 1480 | 45 | 1435 | 0 | 1435 | | |
| | | 23-24 | | | 1295 | | 1295 | | |
| | 7th Dec 2015 | 00-07 | 1480 | 45 | 1435 | 0 | 1435 | | |
| | | 07-17' | 1110 | | 1065 | | 1065 | | |
| | | 17-23 | 950 | | 905 | | 905 | | |
| | | 23-24 | 1110 | | 1065 | | 1065 | | |
| | 8th Dec 2015 to 11th Dec 2015 | 00-17 | 1110 | 45 | 1065 | 0 | 1065 | | |
| | | 17-23 | 950 | | 905 | | 905 | | |
| | | 23-24 | 1110 | | 1065 | | 1065 | | |
| | 12th Dec 2015 | 00-07 | 1110 | 45 | 1065 | 0 | 1065 | | |
| | | 07-17' | 1110 | | 1065 | | 1065 | | |
| | | 17-23 | 950 | | 905 | | 905 | | |
| | | 23-24 | 1110 | | 1065 | | 1065 | | |
| | 13th Dec 2015 to 14th Dec 2015 | 00-17 | 1110 | 45 | 1065 | 0 | 1065 | | |
| | | 17-23 | 950 | | 905 | | 905 | | |
| | | 23-24 | 1110 | | 1065 | | 1065 | | |
| | 15th Dec 2015 | 00-07 | 1110 | 45 | 1065 | 0 | 1065 | | |
| | | 07-17' | 1110 | | 1065 | | 1065 | | |
| 17-23 | | 1340 | 1295 | | 1295 | | | | |
| 23-24 | | 1480 | 1435 | | 1435 | | | | |
| 16th Dec 2015 to 31st Dec 2015 | 00-17 | 1480 | 45 | 1435 | 0 | 1435 | | | |
| | 23-24 | | | 1295 | | 1295 | | | |
| | | 17-23 | 1340 | | | 1295 | | | |

Revised due to extension of shutdown of 220 kV Balipara - Sonabil (part of 220 kV Balipara - Samaguri S/C)

| | | | | | | | | | |
|-------------|-------------------------------|-------|------------------------------|--|--|--|--|--|--|
| WR | | | | | | | | | |
| SR * | 1st Dec 2015 to 31st Dec 2015 | 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).

Limiting Constraints

| | | |
|------------|---------------|--|
| NR | Import | (n-1) contingency of 400 kV Biharshariff- Lakhisarai S/C 1. (n-1) Contingency of 765kV Gwalior-Agra one ckt leads to 2750 MW loading on second circuit. |
| | Export | (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. (n-1) contingency of 400 kV Saranath-Pusauli |
| NER | Import | (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other 400/220 kV, 315 |
| | Export | (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other 400/220 kV, 315 |
| SR | Import | (n-1) contingency of one circuit of 765 kV Raichur - Sholapur will lead to 2000 MW loading on the other circuit |
| | | Low Voltage at Gazuwaka (East) Bus. |

**National Load Despatch Centre
Total Transfer Capability for December 2015**

| Revision No | Date of Revision | Period of Revision | Reason for Revision | Corridor Affected |
|-------------|------------------|-----------------------------|--|---------------------------|
| 1 | 24/9/2015 | Whole Month | Revised due to revision in 765kV Gwalior-Agra Ckt-1&2 SPS setting. | WR-NR/ Import of NR |
| | | | Revised due to commissioning of 765kV Dharamjaigarh-Jabalpur D/C. | W3 Zone Injection |
| 2 | 16/10/2015 | Whole Month | STOA margin revised due to operationalization of MTOA. | WR-NR/ Import of NR |
| | | | Revised due to commissioning of 765kV Dharamjaigarh-Jabalpur D/C. | ER-W3 |
| | | | Revised due to commissioning of 765 kV Aurangabad - Sholapur D/C | WR- SR/Import of SR |
| | | | Revised due commissioning of 765 kV Aurangabad-Sholapur D/C, 765 kV Dharamjaigarh - Jabalpur D/C and considering the present inter regional power flow pattern | W3 Zone Injection |
| 3 | 11/23/2015 | Whole month | Margin available in Simultaneous Import of NR would be apportioned on WR-NR Corridor & ER-NR Corridor in the ratio of ATCs - Example | WR-NR/ Import of NR |
| 4 | 11/24/2015 | Whole Month | Revised due comissioning of new transmission elements | ER-NR |
| 5 | 11/30/2015 | 12/1/2015 | Revised due to shutdown of one pole of HVDC Mundra - Mohindergarh | WR-NR/ Import of NR |
| | | Whole Month | STOA margin revised after an inadvertent error in LTA/MTOA summation figure is fixed | WR-NR/ Import of NR |
| | | Whole Month | Revised due commissioning of 400kV Kolhapur(PG)-Kudgi(PG) one ckt | WR- SR/Import of SR |
| | | 12/1/2015 | Revised due to shutdown of 220 kV Balipara- Samaguri | ER-NER/ NER- ER |
| | | 12/3/2015 | | |
| 6 | 12/1/2015 | 02-12-2015 to 05-12-2015 | Revised due to shutdown of one pole of HVDC Mundra - Mohindergarh | WR-NR/ Import of NR |
| 7 | 12/6/2015 | 07-12-2015 to 12-12-2015 | Revised due to shutdown of 220 kV Samaguri - Balipara | ER-NER/ NER- ER |
| 8 | 12/7/2015 | 09-12-2015 to 31-12-2015 | STOA margin revised due to increase in LTA towards NR | WR-NR/ Import of NR |
| 9 | 12/11/2015 | 12/12/2015 | Revised due to shutdown of 765 kV Raichur Bus -1 | WR- SR/Import of SR |
| 10 | 13/12/2015 | 12/12/2015 to 15/12/2015 | Revised due to extension of shutdown of 220 kV Balipara - Sonabil (part of 220 kV Balipara - Samaguri S/C) | ER-NER/ NER- ER |

| ASSUMPTIONS IN BASECASE | | | | | |
|-------------------------|----------------------------|----------------|--------------------|----------------------|---------------|
| | | | | Month : December '15 | |
| 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 | 5559 | 3491 | 2152 | 2085 |
| 2 | Haryana | 6228 | 2948 | 2217 | 2217 |
| 3 | Rajasthan | 9325 | 8655 | 5570 | 5514 |
| 4 | Delhi | 3175 | 1549 | 790 | 790 |
| 5 | Uttar Pradesh | 12198 | 11682 | 5569 | 5587 |
| 6 | Uttarakhand | 1679 | 1218 | 525 | 228 |
| 7 | Himachal Pradesh | 1376 | 925 | 336 | 263 |
| 8 | Jammu & Kashmir | 2339 | 2352 | 401 | 255 |
| 9 | Chandigarh | 172 | 75 | 0 | 0 |
| 10 | ISGS/IPPs | 0 | 0 | 19083 | 11552 |
| | Total NR | 42053 | 32894 | 36643 | 28491 |
| II | EASTERN REGION | | | | |
| 1 | Bihar | 2831 | 2132 | 180 | 120 |
| 2 | Jharkhand | 1049 | 914 | 540 | 360 |
| 3 | Damodar Valley Corporation | 2517 | 2132 | 3660 | 2748 |
| 4 | Orissa | 3672 | 2946 | 3365 | 1842 |
| 5 | West Bengal | 6333 | 5916 | 4695 | 3051 |
| 6 | Sikkim | 125 | 102 | 0 | 0 |
| 7 | Bhutan | 0 | 0 | 0 | 0 |
| 8 | ISGS/IPPs | 609 | 559 | 10625 | 9607 |
| | Total ER | 17137 | 14700 | 23065 | 17728 |
| III | WESTERN REGION | | | | |
| 1 | Maharashtra | 20822 | 13093 | 14523 | 7312 |
| 2 | Gujarat | 13593 | 9878 | 10498 | 7289 |
| 3 | Madhya Pradesh | 9763 | 6885 | 4479 | 3426 |
| 4 | Chattisgarh | 3676 | 2005 | 2743 | 1102 |
| 5 | Daman and Diu | 306 | 229 | 0 | 0 |
| 6 | Dadra and Nagar Haveli | 783 | 562 | 0 | 0 |
| 7 | Goa-WR | 511 | 288 | 0 | 0 |
| 8 | ISGS/IPPs | 982 | 973 | 27229 | 23303 |
| | Total WR | 50436 | 33913 | 59472 | 42431 |

| | | | | | |
|----|----------------------|--------|--------|--------|--------|
| | | | | | |
| IV | SOUTHERN REGION | | | | |
| 1 | Andhra Pradesh | 5629 | 5313 | 4759 | 4284 |
| 2 | Telangana | 6366 | 6065 | 2427 | 1899 |
| 3 | Karnataka | 7697 | 5550 | 6984 | 5307 |
| 4 | Tamil Nadu | 11912 | 11319 | 6646 | 5746 |
| 5 | Kerala | 3445 | 2132 | 1796 | 826 |
| 6 | Pondy | 336 | 220 | 0 | 0 |
| 7 | Goa-SR | 85 | 85 | 0 | 0 |
| 8 | ISGS/IPPs | 0 | 0 | 10043 | 9773 |
| | Total SR | 35470 | 30684 | 32655 | 27835 |
| | | | | | |
| V | NORTH-EASTERN REGION | | | | |
| 1 | Arunachal Pradesh | 94 | 40 | 0 | 0 |
| 2 | Assam | 954 | 698 | 267 | 198 |
| 3 | Manipur | 103 | 56 | 0 | 0 |
| 4 | Meghalaya | 301 | 179 | 155 | 87 |
| 5 | Mizoram | 69 | 41 | 4 | 4 |
| 6 | Nagaland | 82 | 63 | 8 | 6 |
| 7 | Tripura | 224 | 131 | 106 | 106 |
| 8 | ISGS/IPPs | 7 | 7 | 1303 | 847 |
| | Total NER | 1834 | 1215 | 1843 | 1248 |
| | | | | | |
| | Total All India | 146930 | 113407 | 153679 | 117734 |