

**National Load Despatch Centre  
Total Transfer Capability for July 2013**

Issue Date: 28/03/2013

Issue Time: 1600 hrs

Revision No. 0

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)	Comments
NR-WR	1st July 2013 to 31st July 2013	00-24	1700	200	1500	286	1214	
WR-NR	1st July 2013 to 31st July 2013	00-24	2000	200	1800	1300	500	
NR-ER	1st July 2013 to 31st July 2013	00-17	1000	200	800	0	800	
		23-24			900		900	
ER-NR	1st July 2013 to 31st July 2013	00-17	4000	300	3700	2189	1511	
		23-24					1511	
W3-ER	1st July 2013 to 31st July 2013	00-24	1400	300	1100	0	1100	
ER-W3	1st July 2013 to 31st July 2013	00-24	1000	300	700	700	0	
WR-SR	1st July 2013 to 31st July 2013	00-24	1000	0	1000	1000	0	
SR-WR	1st July 2013 to 31st July 2013	00-24	1000	0	1000	0	1000	
ER-SR	1st July 2013 to 31st July 2013	00-05	950	0	950	662	288	
		10-19					288	
SR-ER	1st July 2013 to 31st July 2013	05-10	950	0	950	197	503	
		19-24					503	
ER-NER	1st July 2013 to 31st July 2013	00-17	590	35	555	230	325	
		23-24			475		245	
NER-ER	1st July 2013 to 31st July 2013	00-17	570	100	470	0	470	
		23-24			255		255	
S1-S2	1st July 2013 to 31st July 2013	00-24	5800	200	5600	5200	400	
Import of Punjab	1st July 2013 to 31st July 2013	00-24	5400	300	5100	3243	1857	
Import TTC for DD & DNH	1st July 2013 to 31st July 2013	00-24	980	0	980	LTA and MTOA as per ex-pp schedule		
W3 zone Injection	1st July 2013 to 31st July 2013	00-17, 23-24	8000	200	7800	7630	170	7630 MW corresponds to maximum effective LTA/ MTOA from W3. Export Margin from W3 would vary as per the maintenance schedule of generators in the zone
		17-23	8500		8300		670	

1) ER-SR TTC declared at Talcher Interconnector and Gazuwaka HVDC B/B seam

2) S1 comprises of AP and Karnataka: S2 comprises of Tamil Nadu, Kerala and Pondicherry

3) W3 comprises of the following regional entities :

a) Chattisgarh, b) Jindal Power Limited (JPL) , 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

## Limiting Constraints

Corridor	Constraint
<b>NR-WR</b>	(n-1) contingency of 400kV Bina(PG)-Bina(MP)
<b>WR-NR</b>	(n-1) contingency of 765 kV Bina-Gwalior
<b>NR-ER</b>	(n-1) contingency of 400 kV Allahabad-Pusauli
<b>ER-NR</b>	(n-1) contingency of 400 kV Purnea-Muzaffarpur
<b>W3-ER</b>	Highloading of 220kV Korba(E)-Raigarh
<b>ER-W3</b>	High loading of 400 kV Raipur-Bhadrawati T/C, Bhilai-Bhadrawati S/C, Bhilai-Koradi and Bhilai-Seoni* (n-1) contingency of 400kV Rourkela-Raigarh
<b>WR-SR</b>	Bhadrawati HVDC B/B link capacity (n-1) Coningency of 400kV Gooty-Somanhalli & 400kV Gooty-Nelamangala line
<b>SR-WR</b>	Bhadrawati HVDC B/B link capacity
<b>ER-SR</b>	(n-1) contingency of 400 kV Vijaywada-Nellore Low Voltage in Chennai Area (n-1) contingency of 400 kV Rourkela-Talcher*
<b>SR-ER</b>	(n-1) contingency of 400 kV Farakka-Malda* (n-1) contingency of 400 kV Kadappa-Kolar and Neyvelli- Sriperumbudur
<b>ER-NER</b>	(n-1) contingency of 400/220 kV,315 MVA ICT at Misa* (n-1) contingency of 400 kV Binaguri-Bongaigaon
<b>NER-ER</b>	(n-1) contingency of 400/220 kV,315 MVA ICT at Misa* (n-1) contingency of 400 kV Purnea-Muzaffarpur
<b>S1-S2</b>	(n-1) contingency of 400 kV Kolar-Hosur D/C line, 400kV Hosur-Salem S/C and 400kV Somanahalli-Salem S/C line.
<b>Import of Punjab</b>	(n-1) contingency of ICT at Moga
<b>W3 zone Injection</b>	(n-1) contingency of 400 kV Raipur-Wardha and High loading of 400 kV Bhilai-Koradi

\*Primary constraints

### 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)	Comments
ER								
NR	1st July 2013 to 31st July 2013	00-17	6000	500	5500	3489	2011	
		23-24			5500		2011	
NER	1st July 2013 to 31st July 2013	00-17	590	35	555	230	325	
		23-24	510		475		245	
WR								
SR	1st July 2013 to 31st July 2013	00-05	1950	0	1950	1662	288	
		10-19	1950		1950		288	

### 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)	Comments
NR	1st July 2013 to 31st July 2013	00-17	2700	200	2500	286	2214	
		23-24	2800		2600		2314	
NER	1st July 2013 to 31st July 2013	00-17	520	100	420	0	420	
		23-24	320		220		220	
WR								
SR	1st July 2013 to 31st July 2013	00-17	1700	0	1700	197	1503	
		23-24	1700		1700		1503	

## Limiting Constraints

<b>NR</b>	<b>Import</b>	(n-1) contingency of 400 kV Purnea-Muzaffarpur*
	<b>Export</b>	(n-1) contingency of 765 kV Bina-Gwalior (n-1) contingency of 400kV Bina(PG)-Bina(MP) (n-1) contingency of 400 kV Allahabad-Pusaali
<b>NER</b>	<b>Import</b>	(n-1) contingency of 400/220 kV,315 MVA ICT at Misa* (n-1) contingency of 400 kV Binaguri-Bongaigaon
	<b>Export</b>	(n-1) contingency of 400/220 kV,315 MVA ICT at Misa* (n-1) contingency of 400 kV Purnea-Muzaffarpur
<b>SR</b>	<b>Import</b>	High loading of 400 kV Raipur-Bhadravati T/C and Bhilai-Bhadrawati S/C (n-1) contingency of 400 kV Rourkela-Talcher* Low Voltage in Chennai Area (n-1) contingency of 400 kV Vijaywada-Nellore
	<b>Export</b>	(n-1) contingency of 400 kV Farakka-Malda* (n-1) contingency of 400 kV Kadappa-Kolar and Neyvelli- Sriperumbudur