National Load Despatch Centre
Total Transfer Capability for August 2013

Issue Date: 28/04/2013 Issue Time: 1730 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 August 2013 to 31st August 2013	00-24	1700	200	1500	286	1214	
WR-NR	1st August 2013 to 31st August 2013	00-24	2000*	200	1800	1300	500	
NR-ER	1st August 2013 to 31st August 2013	00-17 23-24	1000	200	800	0	800	
		17-23	1100		900		900	
ER-NR	1st August 2013 to 31st August 2013	00-17 23-24	4000	300	3700	2189	1511	
		17-23					1511	
W3-ER	1st July 2013 to 31st July 2013	00-24	1650	300	1350	0	1350	
ER-W3	1st July 2013 to 31st July 2013	00-24	1000	300	700	700	0	
WR-SR	1st August 2013 to 31st August 2013	00-24	1000	0	1000	1000	0	
SR-WR	1st August 2013 to 31st August 2013	00-24	1000	0	1000	0	1000	
ER-SR	1st August 2013 to 31st August 2013	00-05 10-19	1100	0	1100	612	488	
		05-10 19-24	1100		1100		488	
SR-ER	1st August 2013 to 25th August 2013	00-17 23-24	800	0	800	148	652	
		17-23	900		900		752	
	26th August 2013 to 31st August 2013	00-17 23-24	800	0	800	197	603	
		17-23	900		900		703	
ER-NER	1st July 2013 to 31st July 2013	00-17 23-24	580	35	545	230	315	
		17-23	600		565		335	
NER-ER	1st July 2013 to 31st July 2013	00-17 23-24	400	100	300	0	300	
		17-23	380		280		280	
S1-S2	1st August 2013 to 31st August 2013	00-24	5800	200	5600	5200	400	
Import of Punjab	1st August 2013 to 31st August 2013	00-24	5400	300	5100	3243	1857	
Import TTC for DD & DNH	1st August 2013 to 31st August 2013	00-24	980	0	980	LTA and MTOA as per ex-pp schedule		
W3 zone Injection	1st August 2013 to 31st August 2013	00-17, 23-24	9000	200	8800	7630	1170	
		17-23	9500		9300		1670	

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
* Would be reviewed after completion of augmentation works at 765 kV Agra

Limiting Constraints

Corridor	Constraint
NR-WR	(n-1) contingency of 400kV Bina(PG)-Bina(MP)
WR-NR	(n-1) contingency of 765 kV Bina-Gwalior
NR-ER	(n-1) contingency of 400 kV Allahabad-Pusauli
ER-NR	(n-1) contingency of 400 kV Purnea-Muzaffarpur
W3-ER	(n-1) contingency of either 400 kv Mejia-Maithon or (n-1) contingency of 400 kv MPL -Maithon
ER-W3	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
WR-SR	Bhadrawati HVDC B/B link capacity (n-1) Coningency of 400kV Gooty-Somanhalli & 400kV Gooty-Nelamangala line
SR-WR	Bhadrawati HVDC B/B link capacity
ER-SR	(n-1) contingency of 400 kV Vijaywada-Nellore Low Voltage in Chennai Area (n-1) contingency of 400 kV Rourkela-Talcher*
SR-ER	(n-1) contingency of 400 kV Talcher-Rourkela* (n-1) contingency of 400 kV Kadappa-Kolar and Neyvelli- Sriperumbudur
ER-NER	(n-1) contingency of 400/220 kV,315 MVA ICT at Misa* (n-1) contingency of 400 kV Binaguri-Bongaigaon
NER-ER	High loading of 132 kV LTPS – Mariani S/C Insufficient generating resources in NER
S1-S2	(n-1) contingency of 400 kV Kolar-Hosur D/C line, 400kV Hosur-Salem S/C and 400kV Somanahalli-Salem S/C line.
Import of Punjab	(n-1) contingency of ICT at Moga
W3 zone Injection	(n-1-1) contingency of 400 kV Raipur-Bhadrawati D/C section

*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 August 2013 to 31st August 2013	00-17 23-24	6000*	500	5500	3489	2011	
		17-23			5500		2011	
NER	1st August 2013 to 31st August 2013	00-17 23-24	580	35	545	230	315	
		17-23	600		565		335	
WR								
SR	1st August 2013 to 31st August 2013	00-05 10-19	2100	0	2100	1612	488	
		05-10 19-24	2100		2100		488	

* Would be reviewed after completion of augmentation works at 765 kV Agra

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 August 2013 to 31st August 2013	00-17 23-24	2700	200	2500	286	2214	
		17-23	2800		2600		2314	
NER	1st August 2013 to 31st August 2013	00-17 23-24	400	100	300	0	300	
		17-23	380		280		280	
WR								
SR	1st August 2013 to 25th August 2013	00-17 23-24	1800	0	1800	148	1652	
		17-23	1900		1900		1752	
	26th August 2013 to 31st August 2013	00-17 23-24	1800	0	1800	197	1603	
		17-23	1900		1900		1703	

Limiting Constraints

NR	**Import**	(n-1) contingency of 400 kV Purnea-Muzaffarpur* (n-1) contingency of 765 kV Bina-Gwalior
	Export	(n-1) contingency of 400kV Bina(PG)-Bina(MP) (n-1) contingency of 400 kV Allahabad-Pusauli
NER	**Import**	(n-1) contingency of 400/220 kV,315 MVA ICT at Misa* (n-1) contingency of 400 kV Binaguri-Bongaigaon
	Export	High loading of 132 kV LTPS – Mariani S/C Insufficient generating resources in NER
SR	**Import**	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
	Export	(n-1) contingency of 400 kV Talcher-Rourkela (n-1) contingency of 400 kV Kadappa-Kolar and Neyvelli- Sriperumbudur