Issue Date: 30/01/2014

Issue Time: 1900 hrs

Revision No. 21

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 January 2014 to 31st January 2014	00-24	2500	500	2000	286	1714		
	1st January 2014 to 21st January 2014	00-17 23-24	3900	500	3400	3181	219		
	22nd January 2014	17-23 00-08 08-24'	3900 3900 3650	500	3400 3400 3150	3181 3181 3181	219 219 0		
	23rd January 2014	00-21 21-24	3650 3900	500	3150 3400	3181 3181 3181	0 219		
WR-NR ¹	24th January 2014	00-08 08-24'	3900 3650	500	3400 3150	3181 3181	219 0		
WK-INK	25th January 2014	00-21 21-24	3650 3900	500	3150 3400	3181 3181	0 219		
	26th January 2014	00-24	3900	500	3400	3181	219		
	27th January 2014	00-08 21-24 08-21'	3900 3400	500	3400 2900	3181	219 0		
	28th January 2014 to	00-17 23-24	3900	500	3400	3181	219		
	31st January 2014	17-23	3900		3400	3181	219		
NR-ER *	1st January 2014 to 31st January 2014	00-17 23-24	1000	200	800	200	600		
	5150 5411441 9 2011	17-23	1100		900		700		
	1st January 2014 to 3rd January 2014	00-17 23-24 17-23	3800	300	3500	2118	1382 1382		
	4th January 2014 to 7th January 2014	00-24	3100	300	2800	2118	682		
	8th January 2014	00-10 15-24 10-15'	3100 2700	300	2800 2400	2118	682 282		
	9th January 2014 to 14th January 2014	00-17 23-24	3600	300	3300	2118	1182		
		17-23 00-17	3100 3300	200	2800 3000	2119	682 882		
	15th January 2014	23-24 17-23 00-17	3100	300	2800	2118	682		
ER-NR	16th January 2014 to 27th January 2014	23-24 17-23	3600 3100	300	3300 2800	2118	1182 682		
	28th January 2014	00-08 08-17 23-24	3600 2600	300	3300 2300	2118	1182 182		
		17-23	2300		2000		0		
	29th January 2014	00-17 23-24	2600	300	2300	2118	182		
		17-23 00-17 23-24	2300 2600		2000 2300		0 182		
	30th January 2014	17-21 21-23	2300 1900	300	2000 1600	2118	0	-400	Revised due to change in ER and
	31st January 2014	00-17 23-24	2600	300	2300	2118	182		Inter-regional flow pattern.
		17-23	1900		1600		0	-400	

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Issue Time: 1900 hrs

Revision No. 21

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
	1st January 2014 to 6th January 2014	00-24	1800	300	1500	0	1500		
	7th January 2014	00-09 18-24	1800	300	1500	0	1500		
	8th January 2014	09-18' 00-09 09-24'	1500 1800 1500	300	1200 1500 1200	0	1200		
W3-ER	9th January 2014	09-24 00-19 19-24	1500 1500 1800	300	1200 1200 1500	0	1200		
	10th January 2014 to 28th January 2014	00-24	1800	300	1500	0	1500		
	29th January 2014	00-08 17-24 08-17'	1800 1500	300	1500 1200	0	1500 1200		
W3-ER	30th January 2014	00-24	1800	300	1500	0	1500		
WJ-EK	31st January 2014	00-09 18-24 09-18'	1800 1500	300	1500 1200	0	1500 1200		
ER-W3	1st January 2014 to 31st January 2014	00-24	1000	300	700	700	0		
	1st January 2014 to	00-24	1000	0	1000	1000	0		
WR-SR	14th January 2014 15th January 2014 to 31st January 2014	00-24	850	0	850	850	0		
SR-WR *	1st January 2014 to 31st January 2014	00-24	1000	0	1000	0	1000		
	1st January 2014 to 9th January 2014	00-05 10-19 05-10	750 1250	0	750 1250	657	93 593		
ER-SR	10th January 2014	19-24 00-05 05-08' 08-24'	750 1250 650	0	750 1250 650	657	93 593 0		
	11th January 2014	00-24	650	0	650	657	0		
	12th January 2014 13th January 2014	00-24 00-19 19-24	650 650 1250	0	650 650 1250	657 657	0 0 593		
	14th I 2014	00-05 10-19	750	0	750	(57)	93		
	14th January 2014	05-10 19-24	1250	0	1250	657	593		
	15th January 2014 to 23rd January 2014	00-05 10-19	700	0	700	700	0		
ER-SR	2.510 January 2014	05-10 19-24 700	700		0				
	24th January 2014 00-10 17-24 700 10-17' 350	0	700 350	700	0 -350				
	25th January 2014 to	00-05 10-19	700	0	700	700	0		
	31st January 2014	05-10 19-24	700		700		0		
SR-ER *	1st January 2014 to 31st January 2014	00-17 23-24 17-23	1100	0	1100 1100	197	903 903		

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Issue Time: 1900 hrs

Revision No. 21

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
	1st January 2014	00-24	500	50	450	230	220		
	2nd January 2014	00-17 23-24	720	50	670	230	440		
		17-23	640		590		360		
	3rd January 2014	00-09 16-17 23-24	720	50	670	230	440		
		09-16'	700		650		420		
		17-23	640		590		360		
	4th January 2014 to 6th January 2014	00-17 23-24	720	50	670	230	440		
		17-23	640		590		360		
	7th January 2014	00-09 16-17 23-24	720	50	670	230	440		
		09-16'	700		650		420		
		17-23	640		590		360		
	8th January 2014	00-08 16-17 23-24	720	50	670	230	440		
		08-16'	550		500		270		
		17-23	640		590		360		
	9th January 2014	00-08 16-17 23-24	720	50	670	230	440		
		08-16'	550		500		270		
		17-23	640		590		360		
ER-NER ²	10th January 2014 to 22nd January 2014	00-17 23-24	720	50	670	230	440		
	2211d Juliuary 2011	17-23	640		590		360		
	23rd January 2014	00-07 16-17 23-24	720	50	670	230	440		
		07-16'	690		640		410		
		17-23	640		590		360		
	24th January 2014	00-12 15-17 23-24	720	50	670	230	440		
		12-15'	400		350		120		
		17-23 00-17	640		590		360		
	25th January 2014 to 27th January 2014	23-24	720	50	670	230	440		
		17-23	640		590 670		360 440		
	28th January 2014	00-08 08-17 23-24	720 350	50	300	230	440 70		
		17-23	230		180		0		
	29th January 2014	00-17 23-24	350	50	300	230	70		
		17-23	230		180		0		
	30th January 2014	00-17 23-24	350	50	300	230	70		
	Jour January 2014	17-21	230	50	180	230	0		Revised due to change in ER and
		21-23	330		280		50	100	Inter-regional flow pattern.
	31st January 2014	00-17 23-24	350	50	300	230	70	100	
		17-23	330		280		50	100	

Issue Time: 1900 hrs

Revision No. 21

(hrs) (TTC) (ATC) (ATC) (ATC) (ATC) (MTOA) # (STOA) Revision	Comments
1st January 2014 to 00-17 570 100 470 0 470 21st January 2014 17.72 170 100 170 170 170	
2131 January 2014 17-23 570 470 470 00-09 15-17 570 470 470 22nd January 2014 23-24 100 0	
09-15' 530 430 430 17-23 570 470 470	
NER-ER 00-07 16-17 470 470 23rd January 2014 23-24 100 0 470	
07-16' 530 430 430	
17-23 570 470 470 24th January 2014 to 00-17 570 100 470 470 21tt January 2014 to 23-24 570 100 470 0 470	
31st January 2014 25-24 100 0 470	
1st January 2014 00-24 5600 400 5200 4900 300 2nd January 2014 00-08 5650 400 5250 4900 350	
S1-S2 3rd January 2014 00-19 5200 400 4800 4900 0 3rd January 2014 00-19 5200 400 4800 4900 0	
4th January 2014 to 31st January 2014 00-24 5650 400 5250 4900 350	
Import of Punjab 1st January 2014 to 31st January 2014 00-24 5600 300 5300 3800 1500	
Import TTC for DD & DNH 1st January 2014 to 31st January 2014 00-24 980 0 980 LTA and MTOA as per ex-pp schedule	
1st January 2014 to 00-08 23-24 8500 8300 670	
1st January 2014 to 08-16' 8000 200 7800 7630 170 27th January 2014 16-17 9000 8800 1170	
1017 2000 0000 1170 17-23 9500 9300 1670	
00-08 23-24 8500 8300 670	
W3 zone 28th January 2014 to 08-09' 8000 7800 7800 170	
Injection 30th January 2014 09-16' 7600 200 7400 7630 0 16-17 8600 8400 770 770 770 770	
10-17 8000 8400 770 17-19 9100 8900 1270	
19-23 9500 9300 1670	
19-23 9500 9300 1670 00-08 8500 8300 670 670	
19-23 9500 9300 1670 00-08 \$500 \$300 \$670	

* 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).

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, k) KSK Mahanadi, L)DB Power, m) KWPCL

The figure is based on LTA/MTOA approved by CTU. In actual Operation, due to Units being on Maintenance/ Fuel shortage the LTA/MTOA utilized would be les. RLDC/ NLDC would factor this situation while issuing STOA approvals.

CorridorDatePeriod (hrs)Transfer CapabilityReliabilityTransfer CapabilityMedi Ope00000000	Long Term Margin Changes ccess (LTA)/ Available for in TTC edium Term Short Term w.r.t. Comments pen Access Open Access Last MTOA) # (STOA) Revision
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Revision No. 21

1. WR-NR Total Transfer capability will be reduced to 3100 MW in case of outage of any one of the following sections: 765 kV Gwalior-Agra one circuit
765 kV Bina-Gwalior one circuit

Issue Time: 1900 hrs

Issue Date: 30/01/2014

2. ER-NER Total Transfer capability will be reduced to 450 MW in case of outage of any one of the 400kV Purnea-Biharshariff circuit. Limiting Constraints

Corridor	Constraint
NR-WR	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak.
WR-NR	High loading of 765 kV Agra-Gwalior (1000 MW SPS setting on each circuit of 765 kV Gwalior-Agra)
NR-ER	(n-1) contingency of 400 kV Allahabad-Pusauli
ER-NR	(n-1) contingency of 400 kV Kahalgaon-Biharshariff
W3-ER	(n-1) contingency of 400kV Sterilte-Rourkela S/C
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 Raigarh-Sterlite
WR-SR & ER-SR	Commissioning of 765kV Raichur-Sholapur S/C Based on the operational experience after the synchronization of SR grid with NEW grid and due to inadvertent variation of 765kV Raichur-Sholapur line flow, observation of Low Frequency Oscillations (LFO) Considering transfer capability assessment by CTU on NEW-SR corridor.
SR-WR	Bhadrawati HVDC B/B link capacity
SR-ER	
ER-NER	(n-1) contingency of 400 kV Kahalgaon-Biharshariff
NER-ER	(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa
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 Patiala/Moga
W3 zone Injection	(n-1) contingency of 400 kV 400 kV Raipur-Wardha
	*Primary constraints

Simultaneous Import Capability

st January 2014 to 3rd January 2014 th January 2014 to 7th January 2014 8th January 2014 th January 2014 to 14th January 2014	00-17 23-24 17-23 00-17 23-24 17-23 00-10 15-24 10-15' 00-17 23-24 17-23	7700 7700 7000 7000 7000 6600 7500	800 800 800	6900 6900 6200 6200 6200	5299	1601 1601 901		
3rd January 2014th January 2014 to7th January 20148th January 2014th January 2014 to14th January 2014	23-24 17-23 00-17 23-24 17-23 00-10 15-24 10-15' 00-17 23-24 17-23	7700 7000 7000 7000 6600	800	6900 6200 6200		1601 901		
3rd January 2014th January 2014 to7th January 20148th January 2014th January 2014 to14th January 2014	17-23 00-17 23-24 17-23 00-10 15-24 10-15' 00-17 23-24 17-23	7700 7000 7000 7000 6600	800	6900 6200 6200		1601 901		
7th January 2014 8th January 2014 th January 2014 to 14th January 2014	00-17 23-24 17-23 00-10 15-24 10-15' 00-17 23-24 17-23	7000 7000 7000 6600		6200 6200	5299	901		-
7th January 2014 8th January 2014 th January 2014 to 14th January 2014	23-24 17-23 00-10 15-24 10-15' 00-17 23-24 17-23	7000 7000 6600		6200	5299			
8th January 2014 th January 2014 to 14th January 2014	17-23 00-10 15-24 10-15' 00-17 23-24 17-23	7000 6600	800					
th January 2014 to 14th January 2014	15-24 10-15' 00-17 23-24 17-23	6600	800	6200		901		
th January 2014 to 14th January 2014	10-15' 00-17 23-24 17-23				5299	901		
14th January 2014	23-24 17-23	7500		5800		501		-
	17-23		800	6700	5200	1401		
15th January 2014		7000	800	6200	5299	901		-
15th January 2014	00-17	7200		6400		1101		<u>.</u>
	23-24		800		5299			-
	17-23 00-17	7000		6200		901		
	23-24		6700	5299	1401		_	
	17-23	7000		6200		901		
2nd Ionuony 2014	08-17'	7250	0 800	6450	5200	1151		-
22nd January 2014	17-23'	6750		5950	5299	651		
						-		
23rd January 2014	17-21	6750	5950	5950	5299	651		
2014 January 2014			000		5277	901		-
24th January 2014	08-17'	7250	800	6450	5299	1151		
			000					
	00-17			5450		151		-
25th January 2014	17-21	6750	800	5950	5299	651		
								-
	00-17							
26th January 2014	23-24		800		5299			-
		7000						
	23-24	7500		6700		1401		
27th January 2014		7000	800		5299			
·		7000		5700		401		-
28th January 2014	00-17	7500		6700		1401		
			800		5299			-
2014								
28th January 2014	08-17		800		5299			
·								-
29th January 2014	00-17							1
31st January 2014			800		5299			-
	00-17							
30th January 2014	23-24		800		5299			Barriand due to alternation
						<u>6200</u> 0	-400	Revised due to change in ER and Inter-regional flow
	00-17							pattern.
31st January 2014			800		5299		-400	4
	7th January 2014 8th January 2014 to 27th January 2014 8th January 2014 9th January 2014 31st January 2014 0th January 2014	6th January 2014 23-24 21st January 2014 17-23 2nd January 2014 08-17' 17-23' 23-24 00-17 17-21' 3rd January 2014 08-17' 17-23 23-24 00-17 21-23 23-24 00-08 4th January 2014 08-17' 17-21 21-23 23-24 00-17 5th January 2014 17-21 5th January 2014 23-24 00-17 21-23 23-24 00-17 5th January 2014 23-24 7th January 2014 00-17 21-23 23-24 00-08 23-24 7th January 2014 00-17 21-23 00-08 8th January 2014 17-23 2014 17-23 9th January 2014 23-24 17-23 00-17 23-24 17-23 9th January 2014 23-24 17-23 00-17	6th January 2014 23-24 7500 21st January 2014 17-23 7000 21st January 2014 17-23 7000 2nd January 2014 00-08 7500 2nd January 2014 00-17 6250 3rd January 2014 17-23 7000 3rd January 2014 17-23 6750 3rd January 2014 12-12 7000 23-24 7250 17-21 4th January 2014 00-17 6250 3rd January 2014 00-17 6250 4th January 2014 00-17 6250 5th January 2014 00-17 6250 5th January 2014 00-17 6250 7500 23-24 7500 6th January 2014 00-17 23-24 7500 23-24 7500 7th January 2014 00-17 23-24 7500 21-23 7000 8th January 2014 00-17 23-24 7500 21-23 7000 17-23	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	6th January 2014 21st January 2014 (17-23) 23-24 7500 800 6700 21st January 2014 (17-23) 17-23 7000 6200 6450 2nd January 2014 (17-23) 6750 800 6450 5950 23-24 7250 800 6450 5950 3rd January 2014 00-17 6250 5450 6450 17-23 7000 23-24 7250 6700 6200 3rd January 2014 00-17 6250 5950 6200 6700 3rd January 2014 00-17 6250 6450 5950 6200 6450 4th January 2014 00-17 6250 6450 5950 6200 6200 6200 6200 6200 6200 6200 6200 6200 6200 6200 6200 6200 6200 6200 6200 6200 6200 6200 6200 6200 6200 6200 6200 6200 6200 6200 6700 6200 6200	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	6h7 January 2014 21 st Janua

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
	1st January 2014	00-24	500	50	450	230	220		
		00-17	720		670		440		
	2nd January 2014	23-24 17-23	640	50	590	230	360		
		00-09	040		570		300		
		16-17	720		670		440		
	3rd January 2014	23-24		50		230			
		09-16'	700		650		420		
NER ²		17-23 00-17	640		590		360		
	4th January 2014 to	23-24	720	50	670	230	440		
	6th January 2014	17-23	640	20	590	200	360		
		00-09							
		16-17	720		670		440		
	7th January 2014	23-24	=00	50	<50	230	100		
		09-16' 17-23	700 640		650 590		420 360		
		00-08	040		390		500		
		16-17	720		670		440		
	8th January 2014	23-24		50		230			
		08-16'	550	500		270			
		17-23	640		590		360		
		00-08	720		670		440		
	9th January 2014	16-17 23-24	720	50	070	230	440		
	-	08-16'	550		500	230	270		
		17-23	640		590		360		
	10th January 2014 to	00-17	720		670		440		
	22nd January 2014	23-24		50		230			
		17-23 00-07	640		590		360		
		16-17	720		670		440		
	23rd January 2014	23-24		50		230			
		07-16'	690		640		410		
		17-23	640		590		360		
		00-12	720		670		440		
NER ²	24th January 2014	15-17 23-24	720	50	670	230	440		
		12-15'	400		350	230	120		
		17-23	640		590		360		
	25th January 2014 to	00-17	720	50	670	220	440		
	27th January 2014	23-24 17-23	640	50	590	230	360		
		00-08	720		670		440		
	28th Lance 2014	08-17		50		220			
	28th January 2014	23-24	350	50	300	230	70		
		17-23	230		180		0		
		00-17	350		300	257	70		
	29th January 2014	23-24	220	50	100	230	0		
		17-23	230		180		0		
		00-17 23-24	350		300		70		
	30th January 2014	17-21	230	50	230	230	0		Revised due to change in
		21-23	330		280		50	100	ER and Inter-regional flow
		00-17	350		300		70		pattern.
	31st January 2014	23-24		50		230		100	
	1	17-23	330		280		50	100	
WR							and the second secon		

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
	1st January 2014 to	00-05 10-19	1750	0	1750	1657	93		
	9th January 2014	05-10 19-24	2250	0	2250	1057	593		
		00-05	1750		1750		93		
	10th January 2014	05-08'	2250	0	2250	1657	593		
		08-24'	1650		1650		0		
	11th January 2014	00-24	1650	0	1650	1657	0		
	12th January 2014	00-24	1650	0	1650	1657	0		
	13th January 2014	00-19	1650	0	1650	1657	0		
		19-24	2250		2250	1057	593		
SR	14th January 2014	00-05 10-19	1750	0	1750	1657	93		
эк	14th January 2014	05-10 19-24	2250	0	2250	1057	593		
	15th January 2014 to	00-05 10-19	1550	0	1550	1550	0		
	23rd January 2014	05-10 19-24	1550	0	1550	1550	0		
	24th January 2014	00-10 17-24	1550	0	1550	1550			
		10-17'	1200		1200				
	25th January 2014 to	00-05 10-19	1550	0	1550	1550	0		
	31st January 2014	05-10 19-24	1550	U	1550	1550	0		

WR-NR Total Transfer capability will be reduced to 3100 MW in case of outage of any one of the following sections:
 765 kV Gwalior-Agra one circuit

765 kV Gwallor-Agra one circuit
 765 kV Bina-Gwalior one circuit

2. ER-NER Total Transfer capability will be reduced to 450 MW in case of outage of any one of the 400kV Purnea-Biharshariff circuit.

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 January 2014 to 31st January 2014	00-17 23-24	3500	700	2800	286	2514		
515t Junuary 2011	17-23	3600		2900		2614			
	1st January 2014 to 00-17 570 100 470 21st January 2014 17-23 570 470	0	470						
		17-23	570		470		470		
22nd January	22nd January 2014	00-09 15-17 23-24	570	100	470	0	470		
		09-15' 17-23	530 570		430 470		430 470		
NER 23rd Janu	23rd January 2014	00-07 16-17 23-24	570		470	0	470		
		07-16' 17-23	530 570		430 470		430 470		
	24th January 2014 to 31st January 2014	00-17 23-24	570	100	470	0	470		
	515t 5undary 2014	17-23	570		470		470		
WR									
SR*	1st January 2014 to	00-17 23-24	2100	0	2100	197	1903		
	31st January 2014	17-23	2100		2100		1903		

* 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 Kahalgaon-Biharshariff High loading of 765 kV Agra-Gwalior (1000 MW SPS setting on each circuit of 765 kV Gwalior-Agra)
	Export	 (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. (n-1) contingency of 400 kV Allahabad-Pusauli
NER	Import	(n-1) contingency of 400 kV Kahalgaon-Biharshariff
NEA	Export	N-1 contingency of 400/220 kV, 2x315 MVA ICTs at Misa
SR	Import	 Commissioning of 765kV Raichur-Sholapur S/C Based on the operational experience after the synchronization of SR grid with NEW grid and due to inadvertent variation of 765kV Raichur-Sholapur line flow, observation of Low Frequency Oscillations (LFO) Considering transfer capability assessment by CTU on NEW-SR corridor.
	Export	

*Primary constraints

Revision No	Date of Revision	Period of Revision	Reason for Revision	Corridor Affected	
1	04-11-2013	Whole Month	Margin on NR-ER Corridor revised considering the LTA/MTOA on NR- ER Path	NR-ER	
2	27-11-2013	Whoe Month	Revised due to change in Load Generation in WR/NR	WR-NR	
			Commissioning of 400 kV Purnea-Biharshariff D/C and Network	ER-NR/ER-NER	
			reconfiguration at Malda & Purnea.		
			Change in Load Generation Balance in ER	ER-SR	
			Revised due to change in Inter-Regional flow pattern and Load generation change in ER/WR.	W3 Zone Injection	
3	23-12-2013	Whoe Month	Revised due to Commissioning of Kudankulam and NLC II EXP.	S1-S2	
4	27-12-2013	Whoe Month	Revised due to Load Generation Balance	ER-SR	
5	31-12-2013	01-01-2014	Revised due Outage of 400kV Purnea-Binaguri Ckt-I &II	ER-NER	
6	01-01-2014 2nd to 3rd Jan 2014 4th to 31st Iva 2014 Revised due to shutdown of 400kV Nellore-Alamathy & 400kV Alamathy-Sriperumbudur Revised due to load generation balance.				
7	Ja		Revised due to Emergency Shut Down of 220 kV Agia-Sarusajai & 220		
7	02-01-2014	14 3rd Jan 2014 kV Boko-Sarusajai		ER-NER	
8	03-01-2014	4th Jan 2014 - 31st Jan 2014	Revised due to shutdown of TEESTA Power Station	ER-NR	
9	06-01-2014	7th Jan 2014	Revised due to shutdown of 400kV Sterlite-Raigarh Ckt-I	W3-ER	
5	00 01 2014		Revised due to emergency Shut Down of 220 kV Sarusajai- Agia	ER-NER	
10	07-01-2014	8th Jan 2014	Revised due to shutdown of 400kV Maithon-Koderma D/C	ER-NR/ER-NER	
10		8th Jan 14 to 9th Jan 2014	Revised due to shutdown of 400kV Raigarh-Jharsuguda Ckt-1	W3-ER	
11	07-01-2014	8th Jan 2014	Revised due to emergency shutdown of 400 kV Purena-Binaguri Ckt 3	ER-NER	
	08-01-2014	9th Jan'14 9th Jan 14 to 31st Jan 14	Revised due to shutdown of 400 kV Purena-Binaguri Ckt-4.	ER-NER	
12			Revised due to load generation balance.	ER-NR	
13	09-01-2014	10-01-14 to 13- 01-14	Revised due to shutdown of Talcher-Kolar HVDC Pole-2 and Pole-1.	ER-SR	
14	14-01-2014	15-01-2014	Revised due to emergency shutdown of 400kV Kahalgaon-Barh Ckt-1	ER-NR	
		15-01-14 to 31- 01-14	Revised due to commissioning of 765kV Raichur-Sholapur S/C	ER-SR/WR-SR	
15	21-01-2014	22-01-14 to 23- 01-14	Revised due to shutdown of Vindhyachal back-to-Back HVDC Block-1	WR-NR	
		22-01-2014	Revised due to shutdown of 220 kV Balipara – Samaguri S/C .	NER-ER	
		23-01-2014	Revised due to shutdown of 220 kV BTPS - Agia S/C	ER-NER/NER-ER	
16	22-01-2014		Revised due to shutdown of Vindhyachal back-to-Back HVDC Block-2 on 24-Jan, 25-Jan and Bloack-1 &2 on 27th Jan 2014	WR-NR	
17	23-01-2014	24-01-2014	Revised due to shutdown of 400kV Binaguri-Bongaigaon Ckt-1	ER-NER	
			Revised due to shutdown of 400 kV Rengali-Indravati	ER-SR	
18	27-01-2014	28/01/2014			
		to 31/01/2014	Revised due to shutdown of 400 kV Kahalgaon-Biharshariff D/C	ER-NR / ER-NER	
	27-01-2014	28/01/2014 to 30/01/2014	Revised due to shutdown of 400 kV Seoni-Bhilai	W3	
19	28-01-2014		Revised due to shutdown of 400 kV Rourkela-Jharsuguda Ckt1	W3-ER	
20	30-01-2014	31-01-2014	Revised due to shutdown of 400 kV Sterlite-Raigarh Ckt 2	W3-ER	
21	30-01-2014	30-01-2014 & 31-01-2014	Revised due to change in ER and Inter-regional flow pattern.	ER-NR/ER-NER	

ASSUMPTIONS IN BASECASE

Month : January '14

		Load		Generation	
S.No.	Name of State/Area	Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)
I	NORTHERN REGION				
1	Punjab	7000	4924	2546	2351
2	Haryana	5559	4660	2770	2770
3	Rajasthan	7051	6539	4002	4002
4	Delhi	3974	3720	1514	1514
5	Uttar Pradesh	11000	10322	6008	5756
6	Jammu & Kashmir	1876	1185	584	429
7	Uttarakhand	1543	902	713	340
8	Himachal Pradesh	1327	730	444	523
9	Chandigarh	224	118	0	0
10	ISGS/IPPs			16740	11303
	Total NR	39554	33100	35321	28988
II	EASTERN REGION				
1	West Bengal	4900	4500	4837	3944
2	Jharkhand	1110	770	561	561
3	Orissa	3500	2200	2430	1699
4	Bihar	1820	1320	0	0
5	Damodar Valley Corporation	2600	2035	3439	3039
6	Sikkim	40	40		
7	Bhutan	110	110	648	648
8	ISGS/IPPs	131	241	6494	6762
	Total ER	14211	11216	18409	16653
	WESTERN REGION				
1	Chattisgarh	3181	2462	1804	1065
2	Madhya Pradesh	7637	5600	9905	7817
3	Maharashtra	15506	12500	4366	2928
4	Gujarat	11119	10121	11221	8374
5	Goa	432	281	0	0
6	Daman and Diu	245	208	0	0
7	Dadra and Nagar Haveli	604	471	0	0
8	ISGS/IPPs	590	590	16763	15466
	Total WR	39314	32233	44059	35650

IV	SOUTHERN REGION				
1	Andhra Pradesh	10900	9350	7204	6066
2	Tamil Nadu	11300	8617	6433	4962
3	Karnataka	7800	6499	5213	3549
4	Kerala	3225	2234	1917	760
5	Pondy	320	244	0	0
6	Goa	80	80	0	0
7	ISGS/IPPs			11130	10168
	Total SR	33625	27024	31897	25505
V	NORTH-EASTERN REGION				
1	Manipur	130	91	0	0
2	Meghalaya	280	196	110	95
3	Mizoram	85	60	8	4
4	Nagaland	120	84	20	10
5	Assam	1350	970	220	180
6	Tripura	260	130	100	100
7	Arunachal Pradesh	130	91	0	0
8	ISGS/IPPs			1020	735
	Total NER	2355	1622	1478	1124
		1000770			
	Total All India	129059	105195	131164	107920