Issue Date: 22/05/2013 Issue Time: 1230 hrs Revision No. 15

	# against any corrido	r indicate	s that revision	has been dor	e for this corri					
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 May 2013 to 8th May 2013	00-24	1500	200	1300	286	1014			
NR-WR	9th May 2013 to 31st May 2013	00-24	2500	500	2000	286	1714		Revised due to upgradation of 400 kV Bina-Gwalior-Agra D/C to 765 kV.     Revised due to commissioning of 765 kV Agra-Jhatikara.	
	1st May 2013 to 8th May 2013	00-24	2000*	200	1800	1287	513		LTA revised due to commissioning of CGPL Unit-50.	
	9th May 2013 to 12th May 2013	00-24	5700 <sup>∆</sup>	500	$5200^{\Delta}$	2787 <sup>Δ</sup>	2413		1. Revised due to upgradation of 400 kV Bina-Gwalior-Agra D/C to 765 kV. 2. Revised due to commissioning of 765 kV Agra-Jhatikara.	
	13th May 2013 to	00-07 20-24	5700 <sup>∆</sup>		$5200^{\Delta}$	Δ.	2413		Revised due to shutdown of 400 kV	
WR-NR <sup>1</sup>	16th May 2013	07-20'	5450 <sup>∆</sup>	500	4950 <sup>Δ</sup>	$2787^{\Delta}$	2163		Zerda-Bhinmal.	
	17th May 2013 to 20th May 2013	00-24	5700 <sup>△</sup>	500	5200 <sup>Δ</sup>	$2787^{\Delta}$	2413			
		00-07, 20-24	5700 <sup>∆</sup>	500	5200 <sup>Δ</sup>	$2787^{\Delta}$	2413		Revised due to shutdown of 765 kV	
	21st May 2013	07-20'	3100 <sup>Δ</sup>	300	$2800^{\Delta}$	$2787^{\Delta}$	13		Agra-Jhatikara.	
	22nd May 2013 to 31st May 2013	00-24	5700 <sup>∆</sup>	500	$5200^{\Delta}$	$2787^{\Delta}$	2413			
	515tHay 2015	00-17								
NR-ER	1st May 2013 to 31st May 2013	23-24	1000	200	800	0	800			
	-	17-23 00-17	1100		900		900			
	1st May 2013 to 8th May 2013	23-24	2600	300	2300	1913	387			
ED MD	-	17-23 00-17				1913	387			
ER-NR	9th May 2013 to 14th May 2013	23-24	3000	300	2700	1913	787		Revised due to increase in hydro generation pattern in Eastern Region	
	15th May 2013 to	17-23 00-24	2600	300	2300	1913 1913	787 387		Revised due to tower collapse of 400 kV	
	31st May 2013					-, -,			Maithon-Koderma D/C line.	
	1st May 2013	00-24	1650	300	1350	0	1350		Revised due to network configuration changes in Eastern Region and other new generating units addition leading to change in power flow pattern.	
	2nd May 2013	00-08 08-24'	1650 1450	300 300	1350 1150	0	1350 1150			
	3rd May 2013 to	00-24	1450	300	1150	0	1150		Revised due to shutdown of 400 kV Sterlite-Raigarh (LILO 1) and 400	
	7th May 2013	00-18	1450	300	1150	0	1150		kV Raigarh-Rourkela 1	
	8th May 2013	18-24	1650	300	1350	0	1350		Desired des to local consension	
	9th May 2013 to 12th May 2013	00-24	1900	300	1600	0	1600		Revised due to load generation balance review.	
W3-ER	13th May 2013	00-07 19-24	1900	300	1600	0	1600		Desired desired at the CACCAN	
	14th May 2012	07-19'	1650		1350		1350		Revised due to shutdown of 400 kV Rourkela-Jharsuguda-Raigarh.	
	14th May 2013 to 16th May 2013	00-24'	1650	300	1350	0	1350			
	17th May 2013 to 19th May 2013	00-24'	1650	300	1350	0	1350		Revised due to extension of 400 kV Rourkela-Jharsuguda-Raigarh shutdown.	
	20th May 2013	00-19' 19-24	1650 1900	300	1350 1600	0	1350 1600			
	21st May 2013	00-24	1900	300	1600	0	1600			
	22nd May 2013 to 23rd May 2013	00-06, 20-24	1900	300	1600	0	1600		Revised due to shutdown of 400 kV Rourkela-Sterlite-2.	
	24th May 2013 to	06-20'	1600	300	1300	0	1300		Rourkeia-Sternie-2.	
	31st May 2013 to	00-24	1900	300	1600	0	1600			

# against any corridor indicates that revision has been done for this corridor

Corridor	# against any corrido  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 May 2013	00-24	1000	300	700	700	0			
	2nd May 2013	00-08	1000	300	700	700	0			
		08-24'	800	300	500	500	0		Revised due to shutdown of 400 kV	
	3rd May 2013 to 7th May 2013	00-24	800	300	500	500	0		Sterlite-Raigarh (LILO 1) and 400 kV Raigarh-Rourkela 1	
	8th May 2013	00-18	800	300	500	500	0			
	•	18-24	1000	300	700	700	0			
ER-W3	9th May 2013 to 13th May 2013	00-24	1000	300	700	700	0			
	14th May 2013 to 16th May 2013	00-24	800	300	500	500	0		Revised due to shutdown of 400 kV Rourkela-Jharsuguda-Raigarh.	
	17th May 2013 to 19th May 2013	00-24	800	300	500	500	0		Revised due to extension of 400 kV Rourkela-Jharsuguda-Raigarh	
	20th May 2013	00-19' 19-24	800 1000	300	500 700	700	0		shutdown.	
	21st May 2013 to 31st May 2013	00-24	1000	300	700	700	0			
WR-SR	1st May 2013 to 31st May 2013	00-24	1000	0	1000	1000	0		Revised due to change in MTOA Quantum.	
SR-WR	1st May 2013 to 31st May 2013	00-24	1000	0	1000	0	1000			
		00-05								
	1st May 2013 to	10-19	1000		1000		888		Review of TTC due to change in Load	
	2nd May 2013	05-10 19-24	1000	0	1000	112	888		Generation scenario and also change in LTA Quantum.	
		00-05	1000		1000		000			
	3rd May 2013 to 8th May 2013	10-19	1000	0	1000	112	888			
		05-10 19-24	1000^	U U	1000^	112	888^			
ER-SR#	9th May 2013 to	00-05 10-19	1200**	0	1200**	112	1088**		Revised due to change in Load	
	22nd May 2013	05-10 19-24	1200**		1200**		1088**		Generation scenario	
	23rd May 2013 to	00-05 11-19	1200**	0	1200**	112	1088**		Revised due to shut down of 400KV	
	24th May 2013	05-11'	900**		900**		788**	300	Kolaghat-Khragpur-Baripada S/C.	
		19-24 00-05	1200**		1200**		1088**			
	25th May 2013 to	10-19	1200**		1200**		1088**			
	31st May 2013	05-10 19-24	1200**	0	1200**	112	1088**		-	
SR-ER	1st May 2013 to	00-17 23-24	700	0	700	197	503			
	31st May 2013	17-23	700		700		503			
		00.17								
	1st May 2013 to 4th May 2013	00-17 23-24	475	35	440	230	210		Revised due to change in load generation Balance.	
		17-23 00-17	475			230	210			
	5th May 2013 to 8th May 2013	23-24	525 525	35	490 490	230	260 260		Revised due to increase in hydro generation in ER/Bhutan.	
ER-NER	04.35	00-17							n	
	9th May 2013 to 14th May 2013	23-24	575 575	35	540 540	230	310 310		Revised due to increase in hydro generation in ER/Bhutan.	
	15th May 2013 to 19th May 2013	00-24	525	35	490	230	260		Revised due to tower collapse of 400 kV Maithon-Koderma D/C line	
	20th May 2013 to 21st May 2013	00-24	525	35	490	230	260		Revised due to cancellation of shutdown of 400 kV Binaguri- Bonagaigan ckt-1.	
	22nd May 2013 to	00-09,	525		490		260		Revised due to shutdown of 400 kV	
	22nd May 2013 to 29th May 2013	18-24		35		230			Binaguri-Bonagaigan ckt-1	
	-	09-18'	400		365		135			
	30th May 2013 to 31st May 2013	00-24	525	35	490	230	260			

# against any corridor indicates that revision has been done for this corridor

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	1st May 2013 to 31st May 2013	00-17 23-24	520	100	420	0	420		
		17-23	320		220		220		
S1-S2	1st May 2013 to 31st May 2013	00-24	5400	200	5200	4000	1200		Revised due to Non-commissioning Kudamkulam unit-1.
Import of	1st May 2013 to 4th May 2013	00-24	5400	300	5100	3243	1857		
Punjab	5th May 2013 to 31st May 2013	00-24	5600	300	5300	3350	1950		
Import TTC for DD & DNH	1st May 2013 to 31st May 2013	00-24	980	0	980	LTA and MTO			
	1st May 2013 to	00-17, 23-24	9000	200	8800	6870	1930		Revised due to change in power flow pattern consequent to upgradation of Bina-Gwalior-Agra
W3 zone	31st May 2013	3 17-23 9500 9300	3070	2430		D/C section from 400 kV to 765 kV and other new generating units addition.			
Injection		00-10	9000		8800		1930		Revised due to emergency shutdown
J	4th May 2013	10-16'	8550	200	8350	6870	1480		of 400 kV Raipur-Wardha ck2 on
		16-17 17-23	9000 9500		9300 9300		1930 2430		4th May 2013
	5th May 2013 to 31st May 2013	00-17, 23-24	9000	200	8800	6870	1930		
		17-23	23 9500		9300		2430		

- 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
- ^ additional 200 MW can be transferred to SR if injection point is South odisha.
- \* Would be reviewed after completion of augmentation works at 765 kV Agra

Δ. includes 1500 MW on the dedicated Mundra-Mohindergarh HVDC bipole of M/s Adani Power Limited which is scheduled separately from the generation at stage-III of APL Mundra (3\*660 MW).

#### 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 Agra-Jhatikara
- One of the 765/400 kV 1500 MVA ICT at Agra
- 765 kV Gwalior-Agra one circuit
- 765 kV Bina-Gwalior one circuit

<sup>\*\*</sup> additional 300 MW can be transferred to SR if injection point is South odisha.

# against any corridor indicates that revision has been done for this corridor

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
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#### **Limiting Constraints**

Corridor	Constraint
NR-WR	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak.
WR-NR	(n-1) contingency of 765/400 kV ICT at Agra
NR-ER	(n-1) contingency of 400 kV Allahabad-Pusauli
ER-NR	(n-1) contingency of 400 kV Farakka-Malda
W3-ER	(n-1)contingency of 400 kV Sterlite-Rourkela
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
SR-WR	Bhadrawati HVDC B/B link capacity
ER-SR	(n-1) contingency of 400 kV Rourkela-Talcher*
SR-ER	
ER-NER	(n-1) contingency of 400 kV Farakka-Malda* High Loading of 220 kV BTPS-Agia (n-1) contingency of 400 kV Balipara – Bongaigaon -I
NER-ER	(n-1) contingency of 400 kV Balipara-Bongaigaon-I (n-1) contingency of 220 kV Samaguri – Saruajai I*
S1-S2	(n-1) contingency of 400 kV Hosur-Salem D/C line, 400kV Hosur-Salem & 400kV Somanahalli-Salem SC line.
Import of Punjab	(n-1) contingency of ICT at Patiala/Moga
W3 zone Injection	(n-1-1) contingency of 400 kV Raipur-Bhadrawati D/C section

<sup>\*</sup>Primary constraints

## Simultaneous Import Capability

NR   17-23	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	
St May 2013   17-23   4600°   500   4100   3200   900   50   50   50   50   50   50	ER										
NR   2013 to   17-23   8700^\( \)   800   7900^\( \)   3200   3200   0' 400 kV Bina-Gwalior-Agra D/C to 765 kV.   2. Revised due to   12th May 2013 to   17-23   8700^\( \)   800   7900^\( \)   3200   3200   Revised due to   17-24   3200   3200   Revised due to   17-25   3200   3200   Revised due to   18-25   35   490   230   260   Revised due to   18-25   315   May 2013 to   19th May 2013		-	23-24	4600*	500		3200			commissioning of CGPL Unit-	
17-23		9th May 2013 to		8700 <sup>Δ</sup>	800	$7900^{\Delta}$	4700 <sup>Δ</sup>	3200		Agra D/C to 765 kV.	
NR    13th May 2013 to   20-24   8700    800   7900    7650    2950     2950     2950     4700    47		12th May 2013	17-23	8700	800	7900 <sup>∆</sup>	4700	3200		Agra-Jhatikara. 3.Increase in hydro generation	
15th May 2013 to   15th May 2013 to   15th May 2013 to   20-24   8300^\(^\hat{A}\)   20-24   8300^\(^\hat{A}\)   2750^\(^\hat{A}\)   2750^\(^\hat{A}\)   2550   2	$NR^1$	-	20-24		800		$4700^{\Delta}$			Revised due to shutdown of 400 kV Zerda-Bhinmal.	
15th May 2013 to   20-24   8300\(^{\text{A}}\)   2550	1414	-		8450 <sup>Δ</sup>		7650 <sup>Δ</sup>		2950		Revised due to shutdown of	
16th May 2013				$8300^{\Delta}$	- 800	$7500^{\Delta}$	4 <b>5</b> 00A	2800		400 kV Zerda-Bhinmal.	
1/th May 2013 to 20th May 2013 to 20-24   8300\(^{\text{A}}\)   800   7500\(^{\text{A}}\)   4700\(^{\text{A}}\)   2800   0f 400 kV Maithon-Koderr D/C			07-20'	$8050^{\Delta}$		$7250^{\Delta}$	4700 <sup>Δ</sup>	2550		collapse of 400 kV Maithon- Koderma D/C line.	
21st May 2013   20-24   8300"   800   7500"   4700"   2800   Revised due to shutdown of 765 kV Agra-Jhatikara.		-	00-24	$8300^{\Delta}$	800	$7500^{\Delta}$	$4700^{\Delta}$	2800		Revised due to tower collapse of 400 kV Maithon-Koderma D/C	
22nd May 2013 to 31st May 2013 to 4th May 2013 to 8th May 2013 to 14th May 2013 to 12th		21st May 2013		$8300^{\Delta}$	800	$7500^{\Delta}$	$4700^{\Delta}$	2800		Revised due to shutdown of	
Six May 2013 to   44h May 2013 to   47h May 20		213t Way 2013		5700 <sup>∆</sup>	600	5100 <sup>∆</sup>	$4700^{\Delta}$	400		765 kV Agra-Jhatikara.	
Str May 2013 to   44h May 2013   23-24   475   35   440   230   210   230   210   230   244   230   210   230   244   230   244   230   244   230   244   230   240   230		•		$8300^{\Delta}$	800	$7500^{\Delta}$	$4700^{\Delta}$	2800			
NER   15th May 2013 to 19th May 2013 to 20th May 2013 t		•		475	35	440	230	210		Revised due to change in load	
Sth May 2013 to 8th May 2013 to 17-23   525   35   490   230   260   Revised due to increase in hydro generation.		4th May 2013	17-23	475		440	230	210	•	generation Balance.	
9th May 2013 to 14th May 2013 to 15th May 2013 to 19th May 2013 to 20th		•		525	35	490	230	260			
NER    15th May 2013 to 19th May 2013 to 19th May 2013 to 23-24   575   35   540   230   310   10   10		8th May 2013		525		490	230	260	•	nydro generation.	
NER    15th May 2013 to 19th May 2013 to 20th May 2013 to 21st May 2013 to 22nd May 2013 to 29th May 2013 to 29th May 2013 to 29th May 2013 to 30th May 2013 to		-		575	35	540	230	310			
15th May 2013 to 19th May 2013 to 20th May 2013 to 21st May 2013 to 29th May 2013 to 29th May 2013 to 29th May 2013 to 29th May 2013 to 30th M	NER	14th May 2013		575		540	230	310	•		
21st May 2013 to 21st May 2013 to 22nd May 2013 to 22nd May 2013 to 22nh May 2013 to 30th M			00-24	525	35	490	230	260		of 400 kV Maithon-Koderma	
22nd May 2013 to 29th May 2013 to 30+ May 2013 to 30th Ma		•	00-24	525	35	490	230	260			
29th May 2013 09-18' 400 365 135 ckt-1 30th May 2013 to 00.24 525 35 490 230 260				525	35	490	230	260		Revised due to shutdown of	
				400	33	365	230	135			
31st May 2013		30th May 2013 to 31st May 2013	00-24		35	490	230				
WR	WR										

## 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 May 2013 to	00-05 10-19	2000	0	2000	1112	888		Review of TTC due to change in Load Generation scenario and
	2nd May 2013	05-10 19-24	2000	U	2000	1112	888		also change in LTA quantum.
	3rd May 2013 to 8th May 2013	00-05 10-19	2000	0	2000	1112	888		
		05-10 19-24	2000^		2000^		888^		
SR#	9th May 2013 to	00-05 10-19	2200**	0	2200**	1112	1088**		Revised due to change in Load Generation scenario
SK #	22nd May 2013	05-10 19-24	2200**		2200**		1088**		
	23rd May 2013 to 24th May 2013	00-05 11-19	2200**	0	2200**	1112	1088**		Revised due to shut down of 400KV Kolaghat-Khragpur-
		05-11' 19-24	1900** 2200**	O	1900** 2200**	1112	788** 1088**	300	Baripada S/C.
	25th May 2013 to 31st May 2013	00-05 10-19	2200**	0	2200**	1112	1088**		
		05-10 19-24	2200**	0	2200**		1088**		

<sup>\*</sup> Would be reviewed after completion of augmentation works at 765 kV Agra

A. includes 1500 MW on the dedicated Mundra-Mohindergarh HVDC bipole of M/s Adani Power Limited which is scheduled separately from the generation at stage-III of APL Mundra (3\*660 MW).

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 Agra-Jhatikara One of the 765/400 kV 1500 MVA ICT at Agra
- 765 kV Gwalior-Agra one circuit
- 765 kV Bina-Gwalior one circuit

<sup>^</sup> additional 200 MW can be transferred to SR if injection point is South odisha.

\*\* additional 300 MW can be transferred to SR if injection point is South odisha.

#### Simultaneous Export Capability

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 May 2013 to	00-17 23-24	2500	200	2300	286	2014		
8th May 2013	17-23	2600		2400		2114	•	
9th May 2013 to 31st May 2013	00-17 23-24	3500	200	3300	286	3014		1. Revised due to upgradation of 400 kV Bina-Gwalior-Agra D/C to 765 kV. 2. Revised due to commissioning
	17-23	3600		3400		3114		of 765 kV Agra-Jhatikara.
1st May 2013 to	00-17 23-24	520	100	420	0	420		
31st May 2013	17-23	320		220		220		
1st May 2013 to 31st May 2013	00-17 23-24	1700	0	1700	197	1503		
	1st May 2013 to 8th May 2013 9th May 2013 to 31st May 2013 1st May 2013 to 31st May 2013	Date (hrs)     Period (hrs)       1st May 2013 to 8th May 2013     00-17 23-24 17-23       9th May 2013 to 31st May 2013     00-17 23-24 17-23       1st May 2013 to 31st May 2013     00-17 23-24 17-23       1st May 2013 to 31st May 2013 to 31st May 2013 to 32-24 17-23     00-17 23-24 17-23	Transfer Capability (TTC)  1st May 2013 to 8th May 2013  9th May 2013 to 31st May 2013  17-23 2600  1st May 2013 to 31st May 2013  17-23 3600  1st May 2013 to 31st May 2013  17-23 320  1st May 2013 to 31st May 2013  23-24 17-00	Date         Time Period (hrs)         Transfer Capability (TTC)         Reliability Margin (TTC)           1st May 2013 to 8th May 2013         00-17 23-24         2500         200           9th May 2013 to 31st May 2013         00-17 23-24         3500         200           1st May 2013 to 31st May 2013         00-17 23-24         520 100         100           1st May 2013 to 31st May 2013         00-17 23-24         320         100           1st May 2013 to 31st May 2013         00-17 23-24         1700         0           1st May 2013 to 31st May 2013         00-17 23-24         1700         0	Date         Time Period (hrs)         Transfer Capability (TTC)         Reliability Margin (ATC)         Transfer Capability (ATC)           1st May 2013 to 8th May 2013         00-17 23-24         2500 200         2300         2400           9th May 2013 to 31st May 2013         00-17 23-24         3500         200         3300           1st May 2013 to 31st May 2013         00-17 23-24         520         100         420           1st May 2013 to 31st May 2013 to 31st May 2013         00-17 23-24         17-23         320         100         220           1st May 2013 to 31st May 2013         00-17 23-24         1700         0         1700	Time Period (hrs)	Time   Period (hrs)   Transfer Capability (TTC)   Point (TTC)   Point (NTC)   Point	Time   Period (hrs)   Total   Transfer Capability (HTC)   Period (hrs)   Period (hrs)

## **Limiting Constraints**

	Import	(n-1) contingency of 400 kV Farakka-Malda*								
NR		(n-1) contingency of 765/400 kV ICT at Agra*								
111	Export (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak.									
		(n-1) contingency of 400 kV Allahabad-Pusauli								
	Import	High Loading of 220 kV BTPS-Agia								
		(n-1) contingency of 400 kV Balipara – Bongaigaon-I								
NER		(n-1) contingency of 400 kV Farakka-Malda*								
	Export	(n-1) contingency of 220 kV Samaguri – Saruajai I*								
		(n-1) contingency of 400 kV Balipara-Bongaigaon-I								
	Import	Bhadrawati HVDC back to back capacity								
SR		(n-1) contingency of 400 kV Rourkela-Talcher*								
	Export									

# **ASSUMPTIONS IN BASECASE**

		Loa	ad	Gener	ation
S.No.	Name of State/Area	Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)
ı	NORTHERN REGION				
1	Punjab	5637	5311	2111	2126
2	Haryana	5363	5014	3289	3289
3	Rajasthan	6574	5912	3466	3472
4	Delhi	4605	3932	1416	1416
5	Uttar Pradesh	10824	10831	6163	5976
6	Jammu & Kashmir	1825	1671	604	592
7	Uttarakhand	1476	1081	757	673
8	Himachal Pradesh	1043	943	590	493
9	Chandigarh	227	192	0	(
10	ISGS			16916	14627
	Total NR	37574	34888	35312	32663
II	EASTERN REGION				
1	West Bengal	6658	5280	4836	3678
2	Jharkhand	1035	715	483	541
3	Orissa	3597	2530	2451	1611
4	Bihar	1743	1430	101	101
5	Damodar Valley Corporation	2461	2310	2954	2954
6	Sikkim	45	45	0	C
7	Bhutan	112	112	275	260
8	ISGS			7384	5854
	Total ER	15651	12422	18484	14999
III	WESTERN REGION				
1	Chattisgarh	2977	2132	2518	1985
2	Madhya Pradesh	7112	4894	3601	2802
3	Maharashtra	15798	12916	13113	9454
4	Gujarat	10470	8369	10918	7764
5	Goa	327	198		
6	Daman and Diu	260	181		
7	Dadra and Nagar Haveli	612	479		
8	ISGS			13063	11996
	Total WR	37556	29169	43213	34001
IV	SOUTHERN REGION				
1	Andhra Pradesh	10283	9413	7290	6560
2	Tamil Nadu	10813	9100	6050	5408
3	Karnataka	8503	7453	4779	4233
4	Kerala	3254	2414	2007	794
5	Pondy	313	241		
6	Goa	84	84	100.10	1001
7	ISGS			10846	10049
	Total SR	33250	28705	30972	27044
V	NORTH-EASTERN REGION				
1		110	203	0	(
2	Manipur Meghalaya	290	53	95	80
3	•				
4	Mizoram	75 120	84 168	8	(
	Nagaland	-			190
5	Assam	1320	880	190	180
6	Tripura	240	1537	85	8
7 8	Arunachal Pradesh ISGS	110	924	1013	57
0	Total NER	2265	0 <b>3848</b>	1013 <b>1395</b>	577 <b>928</b>
	TOTAL INEIN	2205	3040	1385	920
	Total All India	126297	109032	129376	10963