Issue Date: 09/07/2014

Issue Time: 1830 hrs

Revision No. 18

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 July 2014 to 31st July 2014	00-24	2500	500	2000	651	1349		
	1st July 2014 to	00-17	4700	500	4200	1200	0		
	4th July 2014	23-24 17-23	4700	500	4200	4380	0		
WR-NR	5th July 2014 to	00-17 23-24	4900		4400		20		
	31st July 2014		4900	500	4400	4380	20		
		17-23	1700				i I		
		00-06	1000		800	293	507		
NR-ER*	1st July 2014 to	06-17' 17-18'		200	800 900	423 423	377 477		
	31st July 2014	18-23	1100		900	293	607		
		23-24	1000		800	293	507		
ER-NR ⁸	1st July 2014 to	00-17	3700	300	3400	2431	969		
EK-NK	31st July 2014	23-24 17-23	3700	500	3400	2431	969		
	1st July 2014 +-								
	1st July 2014 to 3rd July 2014	00-24	1500	300	1200	697	503		
W3-ER ^{\$}	4th July 2014	00-08'	1500	300	1200	697	503		
	5th July 2014 to	08-24'	1250		950		253		
	31st July 2014	00-24	1500	300	1200	497	703		
ER-W3	1st July 2014 to 31st July 2014	00-24	1000	300	700	874	0		
	1st July 2014 to				<u> </u>			I	
WR-SR	4th July 2014	00-24	1000	0	1000	1000	0		
WK-SK	5th July 2014 to	00-24	1800	600	1200	1200	0		
co wo +	31st July 2014 1st July 2014 to	00.04	1000	0	1000	0	1000		
SR-WR *	31st July 2014	00-24	1000	0	1000	0	1000		
		00-06				1923	577		
	1st July 2014	18-24 06-18'	18-24 2500	0	2500	1923	532		
	2nd July 2014 to	00-06				2069	431		
	3rd July 2014 to 3rd July 2014	18-24	2500	0	2500	2009	386		
		06-18' 00-06							
	4th July 2014	18-24	2500	0	2500	2069	431		
		06-18' 00-06				2114 2069	386 431		
	5th July 2014	06-10'	2500	0	2500	2114	386		
	5415419 2014	10-18' 18-24'	2650	5	2650	2114 2069	536 581		
		00-06							
ER-SR	6th July 2014 to 7th July 2014	18-24	2650	0	2650	1869	781		
		06-18'				1914	736		
	8th July 2014	00-06 18-24	2650	0	2650	2312	338		
		06-18'				2357	293		
		00-06	2650		2650	2312	338 293		
	9th July 2014	06-07' 07-18'	2650 2650	0	2650 2650	2357 2357	293		
		18-24'	2600		2650	2312	338		
		00-06	2650 2650		2650 2650	1869 1914	781 736		Revised due to shutdown of 400kV
	10th July 2014	07-18'	2350	0	2350	1914	436	-300	Rengali-Indravati S/C
		18-24' 00-06	2350		2350	1869	481	500	
	11th July 2014 to 31st July 2014	18-24	2650	0	2650	1869	781		
	-	06-18'				1914	736		
	1st July 2014 to 7th July 2014					148	1052		
SR-ER*	8th July 2014 to	00-24	1200	0	1200	197	1003		
	9th July 2014 10th July 2014 to					148	1052		
	31st July 2014					148	1032		

Issue Date: 09/07/2014

Issue Time: 1830 hrs

Revision No. 18

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
		00-17	645		595	205	390		
	1st July 2014 to	23-24	643	50	393	203	390		
ER-NER	31st July 2014	17-23'	600	50	550	210	340		
	1.1.1.0014.	00-17 23-24	550		450		450		
NER-ER	1st July 2014 to 31st July 2014	17-23	530	100	430	0	430		
	1 . 1 . 0014	00.01	2500		2200	2400	0		
	1st July 2014 2nd July 2014	00-24	2580 2580	290	2290 2290	2400 2286	0 4		
-	3rd July 2014 to 4th July 2014	00-24	2300		2010	2286	0		
	5th July 2014 to 7th July 2014	00-24	2490		2040	2042	0		
S1-S2	8th July 2014 to 9th July 2014	00-24	2490		2040	2276	0		
	10th July 2014 to 15th July 2014	00-24	2490	450	2040	2042	0		
	16th July 2014 to 22nd July 2014	00-24	2490		2040	2042	0		
	23rd July 2014 to 30th July 2014	00-24	2490		2040	2122	0		
	31st July 2014	00-24	2490		2040	1912	128		
Import of Punjab	1st July 2014 to 31st July 2014	00-24	5700	300	5400	3790	1610		
Import TTC for DD &	1st July 2014 to 4th July 2014	1st July 2014 to 00.24 980	0	980	LTA and MTO scheo				
DNH	5th July 2014 to 31st July 2014	00-24	1200	0	1200	LTA and MTO scheo			
W3 zone Injection	1st July 2014 to 31st July 2014	00-17 23-24	9000	200	8800	6842	1958		
v	,	17-23	9500		9300		2458		dvanced transactions (Bilateral &

* 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).

\$ 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) 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 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) KWPCL, 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 commissionned 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.

Issue Date: 09/07/2014

Issue Time: 1830 hrs

Revision No. 18

Corridor	Date	Time Period (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Medium Term	Margin Available for Short Term Open Access (STOA)	Changes in TTC w.r.t. Last Revision	Comments
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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	High loading of 765 kV Agra-Gwalior (1250 MW SPS setting on each circuit of 765 kV Gwalior-Agra) and Loop flows on 400kV Kankroli-Zerda and 400kV Bhinmal-Zerda (power flowing from WR to NR on 765kV Gwalior-Agra D/C and from NR to WR on 400kV Kankroli-Zerda and 400kV Bhinmal-Zerda). In case Vindhyachal Unit-12 trips, WR-NR TTC would be reduced to 4700 MW.
NR-ER	(n-1) contingency of 400 kV Allahabad-Pusauli
ER-NR	High loading of 765 kV Agra-Gwalior (1250MW SPS setting of 765kV Gwalior-Agra) due to transit flows on ER-WR-NR corridor
W3-ER	(n-1) contingency of 400kV Sterlite-Rourkela S/C
ER-W3	(n-1) contingency of 400kV Raigarh-Jharsuguda-Rourkela
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 ER-SR TTC has been declared assuming more than 1100 MW generation at Talcher Stage-2. In case Talcher Stage-2 generation goes below 1100 MW, then the ER-SR TTC would be revised downward as constraints within ER would emerge.
SR-WR	Bhadrawati HVDC B/B link capacity
SR-ER	(n-1) and (n-1-1) contingencies of 400kV Talcher-Rourkela D/C
ER-NER	(n-1) contingency of 400 kV Balipara - Bongaigaon D/C leading to thermal loading of 220kV BTPS-Agia
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
Import of Punjab	(n-1) contingency of ICT at Dhuri and (n-1) contingnecy of 220kV Moga(PG)-Moga(PSTCL)
Import TTC for DD & DNH	(n-1) contingency of 400/220KV 315MVA ICT at VAPI
W3 zone Injection	(n-1-1) contingency of 400 kV Raipur-Bhadrawati D/C section and High loading of 400kV Raipur- Wardha (800 MW SPS setting on each circuit of 400kV Raipur-Wardha)
	*Primary constraints

Natioanl Load Despatch Centre

Transfer Capability between India and Bangladesh for July 2014

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 July 2014 to	0000-1030	500		500	230	270		
5th July 2014 to	1030 - 1730	475	0	475	230	245		
501 July 2014	1730 -2400	425		425	230	195		
	0000-1030	500		500	230	270		
6th July 2014	1030 - 1730	500	0	500	230	270		
	1730 -2400	450		450	230	220		
7th July 2014 to	0000-1030	500		500	230	270		
12th July 2014 to	1030 - 1730	475	0	475	230	245		
12th July 2014	1730 -2400	425		425	230	195		
	0000-1030	500	0	500	230	270		
13th July 2014	1030 - 1730	500		500	230	270		
	1730 -2400	450		450	230	220		
14th July 2014 to	0000-1030	500	0	500	230	270		
19th July 2014 to	1030 - 1730	475		475	230	245		
1)th July 2014	1730 -2400	425		425	230	195		
	0000-1030	500		500	230	270		
20th July 2014	1030 - 1730	500	0	500	230	270		
	1730 -2400	450		450	230	220		
21st July 2014 to	0000-1030	500		500	230	270		
26th July 2014	1030 - 1730	475	0	475	230	245		
2011 July 2014	1730 -2400	425		425	230	195		
27th July 2014	0000-1030	500		500	230	270		
	1030 - 1730	500	0	500	230	270		
	1730 -2400	450		450	230	220		
28st July 2014 to	0000-1030	500		500	230	270		
31st July 2014 to	1030 - 1730	475	0	475	230	245		
515t July 2014	1730 - 2400	425		425	230	195		

Monday to Saturday							
Time Period	Limiting Constraints						
0000-1030							
1030-1730	Tick loading of 400 kV Fernhilds. Dekrommun S/C and low voltage at loant						
1730-2400	High loading of 400 kV Farakkka -Behrampur S/C and low voltage at Jeerat						

	Sundays
Time Period	Limiting Constraints
0000-1030	
1030-1730	
1730-2400	High loading of 400 kV Farakkka -Behrampur S/C and low voltage at Jeerat

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									
		00-17							
NR	1st July 2014 to 31st July 2014	23-24	8600	800	7800	6811	989		
	-	17-23 00-17	8600		7800		989		
NER	1st July 2014 to	23-24	645	50	595	205	390		
	31st July 2014	17-23'	600		550	210	340		
WR									
	1st July 2014	00-06 18-24	3500	0	3500	2923	577		
_		06-18'				2968	532		
	2nd July 2014 to 3rd July 2014	00-06 18-24	3500	0	3500	3069	431		
-		06-18'				3114	386		
	4th July 2014	00-06 18-24	3500	0	3500	3069	431		
		06-18'				3114	386		
		00-06 06-10'	4300		3700	3069 3114	631 586		
	5th July 2014	10-18'		600		3114	736		
		18-24'	4450		3850	3069	781		
SR *	6h July 2014 to	00-06 18-24	4450	600	3850	3069	781		
SR *	7th July 2014	06-18'				3114	736		
	8th July 2014	00-06 18-24	4450	600	3850	3512	338		
		06-18'				3557	293		
		00-06	4450		3850	3512	338		
	9th July 2014	06-07'	4450	600	3850	3557	293		{
	-	07-18' 18-24'	4450 4450		3850 3850	3557 3512	293 338		
		00-06	4450		3850	3069	781		
		06-07'	4450		3850	3114	736		Revised due to shutdown
	10th July 2014	07-18'	4150	600	3550	3114	436	200	of 400kV Rengali-
		18-24'	4150		3550	3069	481	-300	Indravati S/C
	11th July 2014 to	00-06 18-24	4450	600	3850	3069	781		
	31st July 2014	06-18'		000	2020	3114	736		1

* CTU Transfer Capability assessement between NEW and SR grid is 3450 MW without considering 765kV Raichur-Sholapur D/C.

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
		00-06	3500		2800	944	1856		
		06-17'	3500		2800	1074	1726		
NR*	NR* 1st July 2014 to 31st July 2014	17-18	3600	700	2900	1074	1826		
		18-23	3600		2900	944	1956		
		23-24	3500		2800	944	1856		
NER	1st July 2014 to	00-17 23-24	450	100	350	0	350		
	31st July 2014	17-23	550		450		450		
WR									
W K									
	1st July 2014 to 7th July 2014					148	2052		
SR*	7th July 2014 8th July 2014 to 9th July 2014	00-24	2200	0	2200	197	2003		
* E'6- D	10th July 2014 to 31st July 2014					148	2052	111.	

* 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	High loading of 765 kV Agra-Gwalior (1250MW SPS setting of 765kV Gwalior-Agra) due to transit flows on ER- WR-NR corridor. High loading of 765 kV Agra-Gwalior (1250 MW SPS setting on each circuit of 765 kV Gwalior-Agra) and high loop flows on 400kV Kankroli-Zerda and 400kV Bhinmal-Zerda (power flowing from WR to NR on 765kV 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
	Import	(n-1) contingency of 400 kV Balipara – Bongaigaon D/C leading to thermal loading of 220kV BTPS-Agia S/C
NER	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). ER-SR TTC has been declared assuming more than 1100 MW generation at Talcher Stage-2. In case Talcher Stage- 2 generation goes below 1100 MW, then the ER-SR TTC would be revised downward as constraints within ER would emerge.
	Export	(n-1) and (n-1-1) contingencies of 400kV Talcher-Rourkela D/C

*Primary constraints

Revision	Date of	Period of	Reason for Revision	Corridor		
No	Revision	Revision		Affected		
1	04-04-2014	Whole	Margin revised due to grant of 69 MW LTA to Jindal	W3/		
		Month	Power Limited Tamnar	ER-SR		
2	11-04-2014	Whole Month	Margin revised due to addition of 139 MW LTA to TANGEDCO	ER-SR		
-	11 01 2011		Margin Revised due to correction in LTA Figure and addition of 208 MW LTA to TANGEDCO	S1-S2		
3	30-04-2014	Whole Month	Re-Routing of transactions on West-East-North Corridor discontinued on account of Inter-Regional Loop flows leading to physical congestion on WR-NR.	W3-ER		
			Margin revised due to commissioning of Sasan Unit-4	WR-NR		
			Margin revised due to incorporation of existing Power			
			Allocation.			
			Margin revised due to incorporation of existing Solar Power			
			Allocation to SR, ER, NER constituents between 6 hrs -18	NR-ER/ ER-		
			hrs in LTA figures and allocation data avialable on RPCs	NER		
			RTA/REA.			
			Margin revised due to incorporation of existing LTA/MTOA			
			allocation avialable in RPCs RTA/REA and Re-routing of	W3-ER		
			existing MTOA granted by CTU.			
		Whole	Margin revised due to incorporation of existing LTA/MTOA	ER-W3		
4	01-05-2014	Month	allocation avialable in RPCs RTA/REA.	ER-WS		
			Margin revised due to incorporation of existing Solar Power Allocation to Karnataka between 6 hrs-18 hrs in LTA figures.			
			Margin revised due to Allocation of 150 MW to TANGEDCO.			
			Margin revised due to incorporation of existing LTA/MTOA	W3 Zone		
			allocation avialable in RPCs RTA/REA and existing MTOA			
			granted by CTU.	Injection		
			Revised due to augmentation/ modifications in Punjab	Import of		
			control area network.	Punjab		
_		Whole	Refer to explanatory notes regarding the change in TTC			
5	19-05-2014	Month	representation given in the last page.	ER-SR/S1-S2		
c	10.00.0014	Whole	Revised due to change in Load Generation Balance and			
6	13-06-2014	Month	Commissioning of Sasan Unit-1.	WR-NR		
			Revised due to change in Load Generation Balance and			
_	25 06 2014		Margin revised considering SRPC Generating Units	S1-S2		
7	25-06-2014	Whole	Maintenance schedule.			
		Month	Revised due to change in Load Generation Balance	ER-NR		
6	27.00.2011	Whole	LTA/MTOA revised due to deferment of Simhadri unit - 4			
8	27-06-2014	Month	overhauling	S1-S2		
-			Revised due to change in Load-Generation balance and	ER-NER /		
9		10/11	major network change due to commissioning of 400/220 kV			
	30-06-2014	Whole	Azara (Kukurmara) substation	NER-ER		
		Month	Revised due to forced outage of 400 kV Raigarh-SEL-	14/2 55		
			Rourkela Ckt 1	W3-ER		
		01-07-2014	Due to non availability of HVDC Gazuwaka Block 1	ER-SR		
		01-07-2014	,			
10	30-06-2014	to	Revised due to outage of NCTPS Unit-2	S1-S2		
		02-07-2014	<u> </u>			
	1	JE 0, 2014				

Revision No	Date of Revision	Period of Revision	Reason for Revision	Corridor Affected
		02/07/2014 - 03/07/2014	Due to non availability of HVDC Gazuwaka Block 1.	ER-SR
11	01-07-2014	02/07/2014 - 31/07/2014	STOA Margin revised on account of change in LTA/Allocation	ER-SR/ S1- S2/ W3-ER/ NR-WR/ W3 Zone
			Due to non availability of HVDC Gazuwaka Block 1.	ER-SR
12	03-07-2014	04-07-2014	Revised due to shutdown of 400kV Rourkela-Jharsuguda- Raigarh D/C	W3-ER
		05/07/2014 - 07/07/2014	Due to non availability of HVDC Gazuwaka Block 1.	ER-SR
13	04-07-2014	05/07/2014 -	Revised due to commissioning of contingency arrangement of one 500 MW Vindhyachal (Unit-12) with 400kV Vindhyachal-Rihand line.	WR-NR
		31/07/2014	Revised due to commissioning of 765kV Sholapur-Raichur Circuit-2 and 765kV Wardha-Aurangabad D/C.	WR-SR
14	04-07-2014	05/07/2014- 31/07/2014	Revised due to commissioning of 400/220KV 2X315MVA ICT at Kala S/S along with 220kV Kala-Sayali and 220KV Kala- Khadoli lines.	Import TTC for DD & DNH
		05/07/2014- 07/07/2014	Revised due to restoration of Gazuwaka Block-1.	ER-SR
15	05-07-2014	05/07/2014- 31/07/2014	Revised considering the Kudankulam Unit-1. with the synchronisation of 2nd Circuit of 765kV Raichur-Sholapur, the reliability of the link between SR & New Grid has improved. KKNPP Unit-1 is generating consistently without much variation.	S1-S2
16	08-07-2014	09-07-2014 - 10-07-2014	Revised due to shutdown of 400kV Rengali-Indravati S/C	ER-SR
17	08-07-2014	09-07-2014 - 10-07-2014	Revised as the shutdown of 400kV Rengali-Indravati S/C is not being availed by Intendenting agency.	ER-SR
18	09-07-2014	10-07-2014	Revised due to shutdown of 400kV Rengali-Indravati S/C	ER-SR

ASSUMPTIONS IN BASECASE

Month : July '14

(MW) Load (MW) Peak (MW) (MW) (MW) I NORTHERN REGION (MW) (MW) 1 Punjab 8805 8759 3237 300 2 Haryana 7318 7018 3790 375 3 Rajasthan 6840 6640 4731 477 4 Delhi 5241 5044 1172 117 5 Uttar Pradesh 12034 12134 6260 6525 6 Jammu & Kashmir 1935 1833 556 557 7 Uttarakhand 1559 1459 508 446 8 Himachal Pradesh 1489 1390 867 866 9 Chandigarh 291 2777 0 10 ISGS/IPPs 19676 177' 10 ISGS/IPPs 445512 44555 40797 386 1 West Bengal 6881 4919 4764 360 2 Jharkhand<		Month July 14					
NOR. Name of State Area Peak Load (MW) Load (MW) Peak (MW) Off Peak (MW) I NORTHERN REGION Image: Comparison of the second of the se		Name of State/Area	Load		Generation		
1 Punjab 8805 8759 3237 300 2 Haryana 7318 7018 3790 379 3 Rajasthan 6840 6640 4731 472 4 Delhi 5241 5044 1172 117 5 Uttar Pradesh 12034 12134 6260 626 6 Jammu & Kashmir 1935 14459 508 44 7 Uttar Aknand 1559 1459 508 46 8 Himachal Pradesh 1489 1390 867 86 9 Chandigarh 291 277 0 10 10 ISGS/IPPs 19676 177 177 6 Chandigarh 291 277 0 177 7 Ottal NR 45512 44555 40797 3865 1 West Bengal 6881 4919 4764 360 2 Jharkhand 1070	S.No.			Load	Peak (MW)	Off Peak (MW)	
2 Haryana 7318 7018 3790 3753 3 Rajasthan 6840 6640 4731 472 4 Delhi 5241 5044 1172 117 5 Uttar Pradesh 12034 12134 6260 628 6 Jammu & Kashmir 1935 1834 556 557 7 Uttarakhand 1559 1459 508 446 8 Himachal Pradesh 1489 1390 867 867 9 Chandigarh 291 277 0 0 100 10 ISGS/IPPs 19676 177 0 1977 366 10 ISGS/IPPs 19676 177 0 100 100 19676 177 11 West Bengal 6881 4919 4764 360 233 300 365 333 07issa 3740 3000 3049 233 300 46 364 <td< td=""><td>Ι</td><td>NORTHERN REGION</td><td></td><td></td><td></td><td></td></td<>	Ι	NORTHERN REGION					
Rajasthan 6840 6640 4731 477 4 Delhi 5241 5044 1172 117 5 Uttar Pradesh 12034 12134 6260 628 6 Jammu & Kashmir 1935 1834 556 57 7 Uttarakhand 1559 1459 508 44 8 Himachal Pradesh 1489 1390 867 86 9 Chandigarh 291 277 0	1	Punjab	8805	8759	3237	3034	
4 Delhi 5241 5044 1172 1173 5 Uttar Pradesh 12034 12134 6260 6266 6 Jammu & Kashmir 1935 1834 6566 557 7 Uttarakhand 1559 1459 508 446 8 Himachal Pradesh 1489 1390 867 866 9 Chandigarh 291 277 0 10 ISGS/IPPs 19676 177 0 ISGS/IPPs	2	Haryana	7318	7018	3790	3790	
5 Uttar Pradesh 12034 12134 6260 6226 6 Jammu & Kashmir 1935 1834 556 57 7 Uttarakhand 1559 1459 508 446 8 Himachal Pradesh 1489 1390 867 866 9 Chandigarh 291 277 0 10 ISGS/IPPs 19676 177 0 ISGS/IPPs 19676 177 0 10 ISGS/IPPs 19676 177 0 ISGS/IPPs 19676 177 366 365 37 10 ISGS/IPPs 445512 44555 40797 3863 11 West Bengal 6881 4919 4764 366 2 Jharkhand 1070 850 365 337 3 Orissa 3740 3000 3049 233 4 Bihar 2190 1820 80 85 5 Damodar Valle	3	Rajasthan	6840	6640	4731	4721	
6 Jammu & Kashmir 1935 1834 556 57 7 Uttarakhand 1559 1459 508 446 8 Himachal Pradesh 1489 1390 867 866 9 Chandigarh 291 277 0 100 ISGS/IPPs 19676 1774 10 ISGS/IPPs 19676 1774 3863 44555 40797 3863 10 ISGS/IPPs 19676 1774 3863 365 3740 3665 375 1 West Bengal 6881 4919 4764 366 2 Jharkhand 1070 850 365 37 3 Orissa 3740 3000 3049 23 4 Bihar 2190 1820 80 8 5 Damodar Valley Corporation 2350 2139 3523 300 6 Sikkim 86 40 40 40 87	4	Delhi	5241	5044	1172	1172	
7 Uttarakhand 1559 1459 508 446 8 Himachal Pradesh 1489 1390 867 867 9 Chandigarh 291 277 0 19676 1777 10 ISGS/IPPs 19676 1777 3866 44555 40797 3866 10 ISGS/IPPs 1 44551 44555 40797 3866 10 ISGS/IPPs 1 45512 44555 40797 3866 1 West Bengal 6881 4919 4764 366 2 Jharkhand 1070 850 365 33 3 Orissa 3740 3000 3049 233 4 Bihar 2190 1820 80 88 5 Damodar Valley Corporation 2350 2139 3523 300 6 Sikkim 86 40 106 1425 100 8 ISGS/IPPs 300	5	Uttar Pradesh	12034	12134	6260	6283	
8 Himachal Pradesh 1489 1390 867 86 9 Chandigarh 291 277 0 10 ISGS/IPPs 19676 177 Total NR 45512 44555 40797 3864 10 ISGS/IPPs	6	Jammu & Kashmir	1935	1834	556	571	
9 Chandigarh 291 277 0 10 ISGS/IPPs 19676 177 Total NR 45512 44555 40797 3864 II EASTERN REGION 1 1 West Bengal 66881 4919 4764 366 2 Jharkhand 1070 850 365 333 3 Orissa 3740 3000 3049 233 4 Bihar 2190 1820 80 40 5 Damodar Valley Corporation 2350 2139 3523 300 6 Sikkim 86 40	7	Uttarakhand	1559	1459	508	469	
10 ISGS/IPPs 19676 177- Total NR 45512 44555 40797 3864 II EASTERN REGION	8	Himachal Pradesh	1489	1390	867	867	
Total NR 45512 44555 40797 3864 II EASTERN REGION	9	Chandigarh	291	277	0	0	
III EASTERN REGION IIII EASTERN REGION 1 West Bengal 6881 4919 4764 360 2 Jharkhand 1070 850 365 33 3 Orissa 3740 3000 3049 233 4 Bihar 2190 1820 80 8 5 Damodar Valley Corporation 2350 2139 3523 300 6 Sikkim 86 40	10	ISGS/IPPs			19676	17746	
Image: Non-order of the second seco		Total NR	45512	44555	40797	38653	
Image: Non-order of the second seco							
2 Jharkhand 1070 850 365 37 3 Orissa 3740 3000 3049 233 4 Bihar 2190 1820 80 8 5 Damodar Valley Corporation 2350 2139 3523 300 6 Sikkim 86 40	II	EASTERN REGION					
3 Orissa 3740 3000 3049 233 4 Bihar 2190 1820 80 8 5 Damodar Valley Corporation 2350 2139 3523 300 6 Sikkim 86 40	1	West Bengal	6881	4919	4764	3604	
4 Bihar 2190 1820 80 2190 5 Damodar Valley Corporation 2350 2139 3523 300 6 Sikkim 86 40	2	Jharkhand	1070	850	365	370	
5 Damodar Valley Corporation 2350 2139 3523 300 6 Sikkim 86 40	3	Orissa	3740	3000	3049	2375	
6 Sikkim 86 40 7 Bhutan 108 108 1425 106 8 ISGS/IPPs 300 480 9351 87' Total ER 16725 13356 22557 192' III WESTERN REGION	4	Bihar	2190	1820	80	80	
7 Bhutan 108 108 1425 106 8 ISGS/IPPs 300 480 9351 87' Total ER 16725 13356 22557 192' III WESTERN REGION 1 Chattisgarh 2709 2381 1653 132 2 Madhya Pradesh 5556 3873 4367 274 3 Maharashtra 15757 13648 9707 769 4 Gujarat 111177 8813 8279 643 5 Goa 330 356 6 Daman and Diu 244 263 7 Dadra and Nagar Haveli 629 613 8 ISGS/IPPs 1255 1255 18036 1705	5	Damodar Valley Corporation	2350	2139	3523	3008	
ISGS/IPPs 300 480 9351 87' Total ER 16725 13356 22557 192' III WESTERN REGION III WESTERN REGION III Mestage 1653 13356 22557 192' III WESTERN REGION III Mestage 2709 2381 1653 132' Madhya Pradesh 5556 3873 4367 27' Maharashtra 15757 13648 9707 769 Goa 330 356 355 360 360 Goa 330 356 360 360 360 370 Matarashtra 15757 13648 9707 769 364 370 364 Goa 330 356 360 360 370 364 Baran and Diu 244 263 360 370 364 370 Baran and Nagar Haveli 629 613 370 370 370 370	6	Sikkim	86	40			
Total ER 16725 13356 22557 1924 III WESTERN REGION Image: Constraint of the state of the st	7	Bhutan	108	108	1425	1065	
III WESTERN REGION III WESTERN REGION 1 Chattisgarh 2709 2381 1653 132 2 Madhya Pradesh 5556 3873 4367 274 3 Maharashtra 15757 13648 9707 769 4 Gujarat 11177 8813 8279 643 5 Goa 330 356 356 367 6 Daman and Diu 244 263 366 360 366 3613 366 36133 36133 36133	8	ISGS/IPPs	300	480	9351	8716	
1 Chattisgarh 2709 2381 1653 132 2 Madhya Pradesh 5556 3873 4367 274 3 Maharashtra 15757 13648 9707 769 4 Gujarat 11177 8813 8279 643 5 Goa 330 356 356 356 6 Daman and Diu 244 263 263 366 7 Dadra and Nagar Haveli 629 613 613 1709 8 ISGS/IPPs 1255 1255 18036 1709		Total ER	16725	13356	22557	19218	
1 Chattisgarh 2709 2381 1653 132 2 Madhya Pradesh 5556 3873 4367 274 3 Maharashtra 15757 13648 9707 769 4 Gujarat 11177 8813 8279 643 5 Goa 330 356 356 356 6 Daman and Diu 244 263 263 366 7 Dadra and Nagar Haveli 629 613 613 1709 8 ISGS/IPPs 1255 1255 18036 1709							
2 Madhya Pradesh 5556 3873 4367 274 3 Maharashtra 15757 13648 9707 769 4 Gujarat 11177 8813 8279 643 5 Goa 330 356 356 356 6 Daman and Diu 244 263 263 366 7 Dadra and Nagar Haveli 629 613 613 1705 8 ISGS/IPPs 1255 1255 18036 1705		WESTERN REGION					
3 Maharashtra 15757 13648 9707 769 4 Gujarat 11177 8813 8279 643 5 Goa 330 356 6 6 Daman and Diu 244 263 6 7 Dadra and Nagar Haveli 629 613 6 8 ISGS/IPPs 1255 1255 18036 1705	1	Chattisgarh	2709	2381	1653	1326	
4 Gujarat 11177 8813 8279 643 5 Goa 330 356 6 6 Daman and Diu 244 263 6 7 Dadra and Nagar Haveli 629 613 6 8 ISGS/IPPs 1255 1255 18036 1705	2	Madhya Pradesh	5556	3873	4367	2740	
5 Goa 330 356 6 Daman and Diu 244 263 7 Dadra and Nagar Haveli 629 613 8 ISGS/IPPs 1255 1255 18036 1709	3	Maharashtra	15757	13648	9707	7696	
6 Daman and Diu 244 263 7 Dadra and Nagar Haveli 629 613 8 ISGS/IPPs 1255 1255 18036 1705	4	Gujarat	11177	8813	8279	6437	
7 Dadra and Nagar Haveli 629 613 8 ISGS/IPPs 1255 1255 18036 1705	5	Goa	330	356			
8 ISGS/IPPs 1255 1255 18036 1705	6	Daman and Diu	244	263			
	7	Dadra and Nagar Haveli	629	613			
Total WR 37657 31202 42042 3525	8	ISGS/IPPs	1255	1255	18036	17054	
		Total WR	37657	31202	42042	35253	

ASSUMPTIONS IN BASECASE

Month : July '14

	Name of State/Area	Load		Generation		
S.No.		Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)	
IV	SOUTHERN REGION					
1	Andhra Pradesh	11750	10246	7877	6292	
2	Tamil Nadu	12324	10506	7812	6808	
3	Karnataka	8094	6969	6094	5005	
4	Kerala	3394	2653	1512	907	
5	Pondy	339	291			
6	Goa	84	83			
7	ISGS/IPPs			10422	9492	
	Total SR	35985	30748	33717	28504	
v	NORTH-EASTERN REGION					
1	Arunachal Pradesh	120	60	0	0	
2	Assam	1350	970	220	200	
3	Manipur	120	84	0	0	
4	Meghalaya	310	217	80	70	
5	Mizoram	75	53	8	4	
6	Nagaland	120	84	12	12	
7	Tripura	250	120	90	90	
8	ISGS/IPPs			1309	1096	
	Total NER	2345	1588	1719	1472	
		100001	404.440	440000	400400	
	Total All India	138224	121449	140832	123100	