## National Load Despatch Centre Total Transfer Capability for July 2014

Issue Date: 02/05/2014

Issue Time: 1500 hrs

Revision No. 4

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	297	1703		Margin revised due to incorporation of existing Power Allocation.
WR-NR	1st July 2014 to 31st July 2014	00-17 23-24 17-23	4200 4200	500	3700 3700	3992	0		
		17-23	4200		5700		0		
	1st July 2014 to	00-06 06-17'	1000	200	800 800	293 423	507 377		Margin revised due to incorporation of existing Solar Power Allocation to SR,
NR-ER*	31st July 2014	17-18' 18-23 23-24	1100	200	900 900 800	423 293 293	477 607 507		ER, NER constituents between 6 hrs - 18 hrs in LTA figures and allocation data avialable on RPCs RTA/REA.
ER-NR <sup>\$</sup>	1st July 2014 to 31st July 2014	00-17 23-24 17-23	4400	300	4100	2431	1669		Margin revised considering the LTA/MTOA allocation avialable in RPCs RTA/REA.
		17-23					1669		in es krivitzi.
W3-ER <sup>\$</sup>	1st July 2014 to 31st July 2014	00-24	1900	300	1600	551	1049		Margin revised due to incorporation of existing LTA/MTOA allocation avialable in RPCs RTA/REA and Re- routing of existing MTOA granted by CTU.
ER-W3	1st July 2014 to 31st July 2014	00-24	1000	300	700	874	0		Margin revised due to incorporation of existing LTA/MTOA allocation avialable in RPCs RTA/REA.
WR-SR	1st July 2014 to 31st July 2014	00-24	1000	0	1000	1000	0		
SR-WR *	1st July 2014 to 31st July 2014	00-24	1000	0	1000	0	1000		
ER-SR	1st July 2014 to 31st July 2014	00-06 18-24	750	0	750	593	157		Margin revised due to incorporation of existing Solar Power Allocation to Karnataka between 6 hrs-18 hrs
	1 . 1 . 2014 .	06-18'	750		750	638	112		in LTA figures.
SR-ER *	1st July 2014 to 7th July 2014 8th July 2014 to	00-24	1200	0	1200	148 197	1052 1003		
<b>JK-EK</b>	9th July 2014 10th July 2014 to	00-24	1200	0	1200	148	1005	-	
	31st July 2014								
ER-NER	1st July 2014 to	00-06 18-24	520	50	470	205	265		Margin revised considering the LTA/MTOA allocation avialable in RPCs RTA/REA and due to
	31st July 2014	06-18'	520		470	210	260		incorporation of existing Solar Power Allocation to Assam.
NER-ER	1st July 2014 to 31st July 2014	00-17 23-24 17-23	450 550	100	350 450	0	350 450		
		11-23	550		-50		730		
	1st July 2014 to 7th July 2014 8th July 2014 to					5411	289		Margin revised due to Allocation of
S1-S2	8th July 2014 to 9th July 2014 10th July 2014 to	00-24	6200	500	5700	5661	39 289		150 MW to TANGEDCO.
Import of Punjab	31st July 2014 1st July 2014 to 31st July 2014	00-24	5700	300	5400	3790	1610	100	Revised due to augmentation/ modifications in Punjab control area network.
Import TTC for DD & DNH	1st July 2014 to 31st July 2014	00-24	980	0	980	LTA and MTO. scheo			

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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
W3 zone	1st July 2014 to	00-17 23-24	9000	200	8800	7050	1750		Margin revised due to incorporation of existing LTA/MTOA allocation
Injection	31st July 2014	17-23	9500	200	9300	7050	2250		avialable in RPCs RTA/REA and existing MTOA granted by CTU.

\* 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 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.

\$ 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.

#### **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 high loop flows on 400kV Kankroli-Zerda and 400kV Bhinmal-Zerda.						
NR-ER	(n-1) contingency of 400 kV Allahabad-Pusauli						
ER-NR	(n-1) contingency of one circuit of 400kV Farakka -Malda S/C						
W3-ER	(n-1) contingency of 400kV Sterilte-Rourkela S/C						
ER-W3	(n-1) contingency of 400kV Raigarh-Jharsuguda-Rourkela						
	1. Commissioning of 765kV Raichur-Sholapur S/C						
WR-SR & ER-SR	2. 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)						
	<ol><li>Considering transfer capability assessment by CTU on NEW-SR corridor.</li></ol>						
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 one circuit of 400 kV Balipara – Bongaigaon D/C						
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 D/C						
Import of Punjab	(n-1) contingency of ICT at Dhuri and (n-1) contingnecy of 220kV Moga(PG)-Moga(PSTCL)						
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)	Changes in TTC w.r.t. Last Revision	Comments
ER									
NR	1st July 2014 to	00-17 23-24	8600	800	7800	6423	1377		Margin revised considering the LTA/MTOA allocation
	31st July 2014	17-23	8600	800	7800	0423	1377		avialable on RPCs
NER	1st July 2014 to 31st July 2014	00-06 18-24	520	50	470	205	265		Margin revised considering the LTA/MTOA allocation avialable in RPCs RTA/REA
NEK		06-18'	520		470	210	260		and due to incorporation of existing Solar Power Allocation to Assam.
WR									
SR	1st July 2014 to	00-06 18-24	1750	0	1750	1593	157	-	Margin revised due to incorporation of existing Solar Power Allocation to Karnataka between 6 hrs-18 hrs in LTA figures.
эк	31st July 2014	06-18'	1750	0	1750	1638	157		

#### 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	590	2210		Margin revised due to
		06-17'	3500		2800	720	2080		incorporation of existing Solar Power Allocation to SR, ER, NER constituents between 6 hrs -18 hrs in LTA figures and allocation data avialable on RPCs RTA/REA.
NR*	1st July 2014 to 31st July 2014	17-18	3600	700	2900	720	2180		
		18-23	3600		2900	590	2310		
		23-24	3500		2800	590	2210		
NER	23_24	450	100	350	0	350			
	31st July 2014	17-23	550		450		450		
WR									
W K									
	1st July 2014 to					148	2052		
SR-ER *	7th July 2014					1 10	2052		
	8th July 2014 to 9th July 2014	00-24	2200	0	2200	197	2003		
	10th July 2014 to								
	31st July 2014 to					148	2052		
+ FIG D	22011			· · · · · · · · · · · · · · · · · · ·				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

		(n-1) contingency of one circuit of 400kV Farakka -Malda D/C
	Import	High loading of 765 kV Agra-Gwalior (1250 MW SPS setting on each circuit of 765 kV Gwalior-Agra) and high loop
NR		flows on 400kV Kankroli-Zerda and 400kV Bhinmal-Zerda.
	Export	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak.
	Export	(n-1) contingency of 400 kV Allahabad-Pusauli
NER	Import	(n-1) contingency of one circuit of 400 kV Balipara – Bongaigaon D/C
NER	Export	(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa
		1. Commissioning of 765kV Raichur-Sholapur S/C
	Turnout	2. Based on the operational experience after the synchronization of SR grid with NEW grid and due to inadvertent
SR	Import	variation of 765kV Raichur-Sholapur line flow, observation of Low Frequency Oscillations(LFO).
		3. Considering transfer capability asessment by CTU on NEW-SR corridor.
	Export	(n-1) and (n-1-1) contingencies of 400kV Talcher-Rourkela D/C
LI	Export *Primary const	

\*Primary constraints

# National Load Despatch Centre Total Transfer Capability for July 2014

Revision No	Date of Revision	Period of Revision	<b>Reason for Revision</b>	Corridor Affected	
1	04-04-2014	1	Margin revised due to grant of 69 MW LTA to Jindal	W3/	
L	04-04-2014	Ŧ	Power Limited Tamnar	ER-SR	
2	11-04-2014	2	Margin revised due to addition of 139 MW LTA to TANGEDCO	ER-SR	
2	11-04-2014	2	Margin Revised due to correction in LTA Figure and addition of 208 MW LTA to TANGEDCO	S1-S2	
3	30-04-2014	3	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 hrs in LTA figures and allocation data avialable on RPCs RTA/REA.	NR-ER/ ER- NER	
			Margin revised due to incorporation of existing LTA/MTOA allocation avialable in RPCs RTA/REA and Re-routing of existing MTOA granted by CTU.	W3-ER	
4	01-05-2014	4	Margin revised due to incorporation of existing LTA/MTOA allocation avialable in RPCs RTA/REA.	ER-W3	
			Margin revised due to incorporation of existing Solar Power Allocation to Karnataka between 6 hrs-18 hrs in LTA figures.	ER-SR	
			Margin revised due to Allocation of 150 MW to TANGEDCO.	S1-S2	
			Margin revised due to incorporation of existing LTA/MTOA allocation avialable in RPCs RTA/REA and existing MTOA granted by CTU.	W3 Zone Injection	
			Revised due to augmentation/ modifications in Punjab control area network.	Import of Punjab	

# **ASSUMPTIONS IN BASECASE**

Month : July '14

(MW)   Load (MW)   Peak (MW)   (MW)     1   NORTHERN REGION   (MW)   (MW)     1   Punjab   8805   8759   3237   300     2   Haryana   7318   7018   3790   379     3   Rajasthan   6840   6640   4731   477     4   Delhi   5241   5044   1172   111     5   Uttar Pradesh   12034   12134   656   57     7   Uttarakhand   1559   1459   508   444     8   Himachal Pradesh   1489   1390   867   866     9   Chandigarh   291   2777   0   10   ISGS/IPPs   19676   177     10   ISGS/IPPs   45512   44555   40797   386     11   West Bengal   6881   4919   4764   366     2   Jharkhand   1070   850   365   3   3    11   West Bengal		Month July 14								
S.R.C.   Name of State Artea   Peak Load (MW)   Load (MW)   Peak (MW)   Off Peak (MW)     I   NORTHERN REGION   Image: Constraint of State Artea   State Artea </th <th></th> <th></th> <th>Loa</th> <th>ad</th> <th colspan="3">Generation</th>			Loa	ad	Generation					
1   Punjab   8805   8759   3237   300     2   Haryana   7318   7018   3790   379     3   Rajasthan   6840   6640   4731   477     4   Delhi   5241   5044   1172   111     5   Uttar Pradesh   12034   12134   6260   624     6   Jammu & Kashmir   1935   1834   556   57     7   Uttar Akhand   1559   1459   508   44     8   Himachal Pradesh   1489   1390   867   86     9   Chandigarh   291   277   0   10   ISGS/IPPs   19676   177     10   ISGS/IPPs   445512   44555   40797   386   33     1   West Bengal   6881   4919   4764   36     2   Jharkhand   1070   850   355   3     3   Orissa   3740   3000   3049	S.No.	Name of State/Area		Load	Peak (MW)	Off Peak (MW)				
2   Haryana   7318   7018   3790   379     3   Rajasthan   6840   6640   4731   472     4   Delhi   5241   5044   1172   111     5   Uttar Pradesh   12034   12134   6260   622     6   Jammu & Kashmir   1935   1834   556   57     V   Uttarakhand   1559   1459   508   44     8   Himachal Pradesh   1489   1390   867   84     9   Chandigarh   291   277   0   0   100     10   ISGS/IPPs   19676   177   0   177     0   100   ISGS/IPPs   19676   177   386     1   West Bengal   6881   4919   4764   360     2   Jharkhand   1070   850   365   3     3   Orissa   3740   3000   3049   23     4   Bihar	Ι	NORTHERN REGION								
Rajasthan   6840   6640   4731   473     4   Delhi   5241   5044   1172   111     5   Uttar Pradesh   12034   12134   6260   623     6   Jammu & Kashmir   1935   1834   556   55     7   Uttarakhand   1559   1459   508   44     8   Himachal Pradesh   1489   1390   867   88     9   Chandigarh   291   277   0   100   ISGS/IPPs   19676   177     7   Total NR   45512   44555   40797   386     9   Chandigarh   291   277   0   100   1805/IPPs   19676   177     10   ISGS/IPPs   445512   44555   40797   386     1   West Bengal   6881   4919   4764   36     2   Jharkhand   1070   850   365   3   3     0rissa   3740   3000	1	Punjab	8805	8759	3237	3034				
4   Delhi   5241   5044   1172   111     5   Uttar Pradesh   12034   12134   6260   624     6   Jammu & Kashmir   1935   1834   556   55     7   Uttarakhand   1559   1459   508   44     8   Himachal Pradesh   1489   1390   867   86     9   Chandigarh   291   277   0   10     10   ISGS/IPPs   19676   177   0   10     10   ISGS/IPPs   19676   177   0   10   1   19676   177     10   ISGS/IPPs   100<	2	Haryana	7318	7018	3790	3790				
5   Uttar Pradesh   12034   12134   6260   622     6   Jammu & Kashmir   1935   1834   556   55     7   Uttarakhand   1559   1459   508   44     8   Himachal Pradesh   1489   1390   867   86     9   Chandigarh   291   277   0   10   1SGS/IPPs   19676   177     10   ISGS/IPPs   19676   177   386   19676   177     10   ISGS/IPPs   19676   177   386   19676   177     11   West Bengal   6881   4919   4764   36     2   Jharkhand   1070   850   365   3     3   Orissa   3740   3000   3049   23     4   Bihar   2190   1820   80   10     5   Damodar Valley Corporation   2350   2139   3523   30     6   Sikkim   86   40 <td>3</td> <td>Rajasthan</td> <td>6840</td> <td>6640</td> <td>4731</td> <td>4721</td>	3	Rajasthan	6840	6640	4731	4721				
6   Jammu & Kashmir   1935   1834   556   57     7   Uttarakhand   1559   1459   508   44     8   Himachal Pradesh   1489   1390   867   88     9   Chandigarh   291   277   0   19676   177     10   ISGS/IPPs   19676   177   386   19676   177     7   Total NR   45512   44555   40797   386     1   West Bengal   6881   4919   4764   36     2   Jharkhand   1070   850   365   3     3   Orissa   3740   3000   3049   23     4   Bihar   2190   1820   80   30   30     5   Damodar Valley Corporation   2350   2139   3523   30     6   Sikkim   86   40   40   41425   10     8   ISGS/IPPs   300   480   9351   8	4	Delhi	5241	5044	1172	1172				
7   Uttarakhand   1559   1459   508   44     8   Himachal Pradesh   1489   1390   867   86     9   Chandigarh   291   277   0   10     10   ISGS/IPPs   19676   177   386     0   10   ISGS/IPPs   19676   177     0   10   ISGS/IPPs   44555   40797   386     10   ISGS/IPPs   1455   44555   40797   386     11   West Bengal   6681   4919   4764   36     2   Jharkhand   1070   850   365   3     3   Orissa   3740   3000   3049   23     4   Bihar   2190   1820   80   1     5   Damodar Valley Corporation   2350   2139   3523   30     6   Sikkim   86   40   1   1425   10     8   ISGS/IPPs   300   480	5	Uttar Pradesh	12034	12134	6260	6283				
8   Himachal Pradesh   1489   1390   867   86     9   Chandigarh   291   277   0   10   ISGS/IPPs   19676   177     10   ISGS/IPPs   44555   44555   40797   386     10   EASTERN REGION   1   44555   44555   365   3     1   West Bengal   6681   4919   4764   36     2   Jharkhand   1070   850   365   3     3   Orissa   3740   3000   3049   23     4   Bihar   2190   1820   80   30     5   Damodar Valley Corporation   2350   2139   3523   30     6   Sikkim   86   40   108   1482   10     8   ISGS/IPPs   300   480   9351   87     7   Bhutan   108   108   1425   10     8   ISGS/IPPs   300   480   9351 </td <td>6</td> <td>Jammu &amp; Kashmir</td> <td>1935</td> <td>1834</td> <td>556</td> <td>571</td>	6	Jammu & Kashmir	1935	1834	556	571				
9   Chandigarh   291   277   0     10   ISGS/IPPs   19676   177     Total NR   45512   44555   40797   386     II   EASTERN REGION   1   1   West Bengal   6881   4919   4764   366     2   Jharkhand   1070   850   365   3     3   Orissa   3740   3000   3049   23     4   Bihar   2190   1820   80   1     5   Damodar Valley Corporation   2350   2139   3523   30     6   Sikkim   86   40   10   10   8125   10     8   ISGS/IPPs   300   480   9351   87   12     1   Chattisgarh   2709   2381   1653   13     2   Madhya Pradesh   5556   3873   4367   27     3   Maharashtra   15757   13648   9707   76     4	7	Uttarakhand	1559	1459	508	469				
10   ISGS/IPPs   19676   177     Total NR   45512   44555   40797   386     II   EASTERN REGION	8	Himachal Pradesh	1489	1390	867	867				
Total NR   45512   44555   40797   386     II   EASTERN REGION	9	Chandigarh	291	277	0	0				
III   EASTERN REGION   IIII   EASTERN REGION     1   West Bengal   6881   4919   4764   36     2   Jharkhand   1070   850   365   3     3   Orissa   3740   3000   3049   23     4   Bihar   2190   1820   80	10	ISGS/IPPs			19676	17746				
I   West Bengal   6881   4919   4764   366     2   Jharkhand   1070   850   365   3     3   Orissa   3740   3000   3049   23     4   Bihar   2190   1820   80   365     5   Damodar Valley Corporation   2350   2139   3523   30     6   Sikkim   86   40		Total NR	45512	44555	40797	38653				
1   West Bengal   6881   4919   4764   366     2   Jharkhand   1070   850   365   3     3   Orissa   3740   3000   3049   23     4   Bihar   2190   1820   80   365     5   Damodar Valley Corporation   2350   2139   3523   30     6   Sikkim   86   40										
2   Jharkhand   1070   850   365   3     3   Orissa   3740   3000   3049   23     4   Bihar   2190   1820   80	II	EASTERN REGION								
3   Orissa   3740   3000   3049   23     4   Bihar   2190   1820   80	1	West Bengal	6881	4919	4764	3604				
4   Bihar   2190   1820   80     5   Damodar Valley Corporation   2350   2139   3523   30     6   Sikkim   86   40       7   Bhutan   108   108   1425   10     8   ISGS/IPPs   300   480   9351   87     Total ER   16725   13356   22557   192     -   -   -   -   -     10   Chattisgarh   2709   2381   1653   13     2   Madhya Pradesh   5556   3873   4367   27     3   Maharashtra   15757   13648   9707   76     4   Gujarat   11177   8813   8279   64     5   Goa   330   356   -   -     6   Daman and Diu   244   263   -   -     7   Dadra and Nagar Haveli   629   613   -   -	2	Jharkhand	1070	850	365	370				
5   Damodar Valley Corporation   2350   2139   3523   30     6   Sikkim   86   40	3	Orissa	3740	3000	3049	2375				
6   Sikkim   86   40     7   Bhutan   108   108   1425   10     8   ISGS/IPPs   300   480   9351   87     Total ER   16725   13356   22557   192     III   WESTERN REGION        1   Chattisgarh   2709   2381   1653   13     2   Madhya Pradesh   5556   3873   4367   27     3   Maharashtra   15757   13648   9707   76     4   Gujarat   111177   8813   8279   64     5   Goa   330   356   356   3873   4367   27     3   Maharashtra   15757   13648   9707   76   4   Gujarat   111177   8813   8279   64     5   Goa   330   356   330   356   330   356   330   356   330   356   330   356 <td>4</td> <td>Bihar</td> <td>2190</td> <td>1820</td> <td>80</td> <td>80</td>	4	Bihar	2190	1820	80	80				
7   Bhutan   108   108   1425   10     8   ISGS/IPPs   300   480   9351   87     Total ER   16725   13356   22557   192     III   WESTERN REGION   Image: Constraint of the state o	5	Damodar Valley Corporation	2350	2139	3523	3008				
8   ISGS/IPPs   300   480   9351   87     Total ER   16725   13356   22557   192     III   WESTERN REGION   III   WESTERN REGION   III     1   Chattisgarh   2709   2381   1653   13     2   Madhya Pradesh   5556   3873   4367   27     3   Maharashtra   15757   13648   9707   76     4   Gujarat   111177   8813   8279   64     5   Goa   330   356   356   361     6   Daman and Diu   244   263   361   361     7   Dadra and Nagar Haveli   629   613   361   370     8   ISGS/IPPs   1255   1255   18036   170	6	Sikkim	86	40						
Total ER   16725   13356   22557   192     III   WESTERN REGION <td< td=""><td>7</td><td>Bhutan</td><td>108</td><td>108</td><td>1425</td><td>1065</td></td<>	7	Bhutan	108	108	1425	1065				
III   WESTERN REGION   III   WESTERN REGION     1   Chattisgarh   2709   2381   1653   13     2   Madhya Pradesh   5556   3873   4367   27     3   Maharashtra   15757   13648   9707   76     4   Gujarat   11177   8813   8279   64     5   Goa   330   356   356   367     6   Daman and Diu   244   263   36   36     7   Dadra and Nagar Haveli   629   613   36   370     8   ISGS/IPPs   1255   1255   18036   170	8	ISGS/IPPs	300	480	9351	8716				
1 Chattisgarh 2709 2381 1653 13   2 Madhya Pradesh 5556 3873 4367 27   3 Maharashtra 15757 13648 9707 76   4 Gujarat 11177 8813 8279 64   5 Goa 330 356 356 356   6 Daman and Diu 244 263 263 36   7 Dadra and Nagar Haveli 629 613 613 170   8 ISGS/IPPs 1255 1255 18036 170		Total ER	16725	13356	22557	19218				
1 Chattisgarh 2709 2381 1653 13   2 Madhya Pradesh 5556 3873 4367 27   3 Maharashtra 15757 13648 9707 76   4 Gujarat 11177 8813 8279 64   5 Goa 330 356 356 356   6 Daman and Diu 244 263 263 36   7 Dadra and Nagar Haveli 629 613 613 170   8 ISGS/IPPs 1255 1255 18036 170										
2 Madhya Pradesh 5556 3873 4367 27   3 Maharashtra 15757 13648 9707 76   4 Gujarat 11177 8813 8279 64   5 Goa 330 356 356 356   6 Daman and Diu 244 263 263 366   7 Dadra and Nagar Haveli 629 613 613 170   8 ISGS/IPPs 1255 1255 18036 170		WESTERN REGION								
3 Maharashtra 15757 13648 9707 76   4 Gujarat 11177 8813 8279 64   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 170	1	Chattisgarh	2709	2381	1653	1326				
4   Gujarat   11177   8813   8279   64     5   Goa   330   356   6     6   Daman and Diu   244   263   6     7   Dadra and Nagar Haveli   629   613   6     8   ISGS/IPPs   11255   1255   18036   170	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   170	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   170	4	Gujarat	11177	8813	8279	6437				
7   Dadra and Nagar Haveli   629   613     8   ISGS/IPPs   1255   1255   18036   170	5	Goa	330	356						
8   ISGS/IPPs   1255   1255   18036   170	6	Daman and Diu	244	263						
	7	Dadra and Nagar Haveli	629	613						
Total WR 37657 31202 42042 352	8	ISGS/IPPs	1255	1255	18036	17054				
		Total WR	37657	31202	42042	35253				

# **ASSUMPTIONS IN BASECASE**

Month : July '14

	Mohari . July 14								
		Loa	ad	Generation					
S.No.	Name of State/Area	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				