National Load Despatch Centre Total Transfer Capability for July 2014

Issue Date: 30/04/2014

Issue Time: 1045 hrs

Revision No. 3

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	361	1639		
WR-NR	1st July 2014 to 31st July 2014	00-17 23-24 17-23	4200 4200	500	3700 3700	3992	0		Margin revised due to commissioning of Sasan Unit-4
NR-ER*	1st July 2014 to	00-17 23-24	1000	200	800	200	600		
	31st July 2014	17-23 00-17	1100	200	900	200	700		
ER-NR	1st July 2014 to 31st July 2014	23-24 17-23	4400	300	4100	2789	1311 1311		
W3-ER ^{\$}	1st July 2014 to 31st July 2014	00-24	1900	300	1600	0	1600		
ER-W3	1st July 2014 to 31st July 2014	00-24	1000	300	700	700	0		
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	00-05 10-19	750	0	750	657	93		
ER-SK	31st July 2014	05-10 19-24	750	0	750	037	93		
	1st July 2014 to 7th July 2014 8th July 2014 to					148	1052		
SR-ER *	9th July 2014 to 9th July 2014 to	00-24	1200	0	1200	197	1003		
	31st July 2014					148	1052		
ER-NER	1st July 2014 to 31st July 2014	00-17 23-24 17-23	520 520	50	470 470	230	240 240		
NER-ER	1st July 2014 to 31st July 2014	00-17 23-24	450	100	350	0	350		
	51st July 2014	17-23	550		450		450		
	1st July 2014 to 7th July 2014					5358	342		
S1-S2	8th July 2014 to 9th July 2014	00-24	6200	500	5700	5508	192		
Import of	10th July 2014 to 31st July 2014 1st July 2014 to					5358	342		
Punjab	31st July 2014 to 31st July 2014	00-24	5600	300	5300	3800	1500		
Import TTC for DD & DNH	1st July 2014 to 31st July 2014	00-24	980	0	980	LTA and MTO scheo			
W3 zone Injection	1st July 2014 to 31st July 2014	00-17 23-24	9000	200	8800	6884	1916		
injection	515t July 2014	17-23	9500		9300		2416		

* 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

National Load Despatch Centre Total Transfer Capability for July 2014

Issue Time: 1045 hrs

			T ()			Long Term	Margin	Changes	
Corridor	Date	Time Period (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Access (LTA)/ Medium Term Open Access (MTOA) #	Available for Short Term Open Access (STOA)	in TTC w.r.t. Last Revision	Comments

Revision No. 3

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

\$ 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

Issue Date: 30/04/2014

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 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 &	2. Based on the operational experience after the synchronization of SR grid with NEW grid and due to inadvertent						
ER-SR	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	(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 S/C						
51-52	and 400kV Somanahalli-Salem S/C line.						
Import of	$(\cdot, 1)$, $(10^{11} \cdot 10^{11})$						
Punjab	(n-1) contingency of ICT at Patiala/Moga						
W3 zone	(n 1 1) contingency of 400 kW Deinur Dhadroweti D/C section						
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 31st July 2014	00-17 23-24	8600	- 800	7800	6781	1019		Margin revised due to commissioning of Sasan Unit-4
INK		17-23	8600		7800		1019		
NER	1st July 2014 to	00-17 23-24	520	50	470	230	240		
	31st July 2014	17-23	520		470		240		
WR									
		00.05							
SR	1st July 2014 to	00-05 10-19	1750	0	1750	1657	93		
SK	31st July 2014	05-10 19-24	1750	0	1750	1657	93		

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
NR*	1st July 2014 to 31st July 2014	00-17 23-24	3500	700	2800	561	2239		
	51st July 2014	17-23	3600		2900		2339		
NER	1st July 2014 to 31st July 2014	00-17 23-24	450	100	350	0	350		
		17-23	550		450		450		
WR									
W K									
	1st July 2014 to 7th July 2014					148	2052		
	8th July 2014 to								
SR-ER *	9th July 2014 to	00-24	2200	0	2200	197	2003		
	10th July 2014 to 31st July 2014					148	2052		

* 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

	Import	(n-1) contingency of one circuit of 400kV Farakka –Malda D/C High loading of 765 kV Agra-Gwalior (1000 MW SPS setting on each circuit of 765 kV Gwalior-Agra)
NR	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
NEK	Export	(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa
		1. Commissioning of 765kV Raichur-Sholapur S/C
	Import	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 assesment by CTU on NEW-SR corridor.
	Export	(n-1) and (n-1-1) contingencies of 400kV Talcher-Rourkela D/C
	Export	(ii-1) and (ii-1-1) contingencies of 400k V Talenei-Kourkeia D/C

Primary constraints

Revision No			Reason for Revision	Corridor Affected
1	04-04-2014	1	Margin revised due to grant of 69 MW LTA to Jindal Power Limited Tamnar	W3/ 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

National Load Despatch Centre Total Transfer Capability for July 2014

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		MONT								
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 850 385 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 ISGS/IPPs 19676 177 386 1977 386 1 West Bengal 6881 4919 4764 360 333 0rissa 3740 3000 3049 23 4 Bihar 2190 1820 86 16 16 16 16	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/IPrs 19676 177 10 ISGS/IPrs 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 & 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 330 356 356 364 6 Daman and Diu 244 263 36 37 7 Dadra and Nagar Haveli 629 613 36 170 8 ISGS/IPPs 1255 1255 18036 170	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

		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			