

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

Issue Date: 12/07/2014

Issue Time: 1300 hrs

Revision No. 20

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			
WR-NR	1st July 2014 to 4th July 2014	00-17	4700	500	4200	4380	0			
		17-23					0			
	5th July 2014 to 31st July 2014	00-17	4900	500	4400	4380	20			
		17-23					20			
NR-ER*	1st July 2014 to 31st July 2014	00-06	1000	200	800	293	507			
		06-17'			800	423	377			
		17-18'	1100		900	423	477			
		18-23			900	293	607			
		23-24	1000		800	293	507			
ER-NR <sup>s</sup>	1st July 2014 to 31st July 2014	00-17	3700	300	3400	2431	969			
		23-24					969			
		17-23					969			
W3-ER <sup>s</sup>	1st July 2014 to 3rd July 2014	00-24	1500	300	1200	697	503			
	4th July 2014	00-08'	1500	300	1200	697	503			
		08-24'	1250		950		253			
	5th July 2014 to 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			
WR-SR	1st July 2014 to 4th July 2014	00-24	1000	0	1000	1000	0			
	5th July 2014 to 31st July 2014	00-24	1800	600	1200	1200	0			
SR-WR *	1st July 2014 to 31st July 2014	00-24	1000	0	1000	0	1000			
ER-SR	1st July 2014	00-06	2500	0	2500	1923	577			
		18-24					1968			532
		06-18'								
	2nd July 2014 to 3rd July 2014	00-06	2500	0	2500	2069	431			
		18-24					2114			386
		06-18'								
	4th July 2014	00-06	2500	0	2500	2069	431			
		18-24					2114			386
		06-18'								
	5th July 2014	00-06	2500	0	2500	2069	431			
		06-10'					2114			386
		10-18'	2650		2114	536				
		18-24'			2069	581				
	6th July 2014 to 7th July 2014	00-06	2650	0	2650	1869	781			
		18-24					1914			736
		06-18'								
8th July 2014	00-06	2650	0	2650	2312	338				
	18-24					2357			293	
	06-18'									
9th July 2014	00-06	2650	0	2650	2312	338				
	06-07'	2650		2650	2357	293				
	07-18'	2650		2650	2357	293				
	18-24'	2600		2650	2312	338				

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ER-SR	10th July 2014	00-06	2650	0	2650	1869	781					
		06-07'	2650		2650	1914	736					
		07-18'	2350		2350	1914	436					
		18-24'	2350		2350	1869	481					
	11th July 2014 to 31st July 2014	00-06	2650	0	2650	1869	781					
		18-24				1914	736					
SR-ER*	1st July 2014 to 7th July 2014	00-24	1200	0	1200	148	1052					
	8th July 2014 to 9th July 2014					197	1003					
	10th July 2014 to 31st July 2014					148	1052					
ER-NER	1st July 2014 to 31st July 2014	00-17 23-24	645	50	595	205	390					
		17-23'	600		550	210	340					
NER-ER	1st July 2014 to 31st July 2014	00-17 23-24	550	100	450	0	450					
		17-23	530		430		430					
S1-S2	1st July 2014	00-24	2580	290	2290	2400	0					
	2nd July 2014		2580		2290	2286	4					
	3rd July 2014 to 4th July 2014		2300		2010	2286	0					
	5th July 2014 to 7th July 2014	00-24	2490	450	2040	2042	0					
	8th July 2014 to 9th July 2014	00-24	2490		2040	2276	0					
	10th July 2014	00-24	2490		2040	2042	0					
	11th July 2014	00-12'	2490		2040	2042	0					
		12-24'	2930		2480	2107	373					
	12th July 2014	00-13	2930		2480	2107	373			-275	Revised due to synchronization of NCTPS-II unit-1.	
		13-24	2655		2205	2107	98					
	13th July 2014 to 22nd July 2014	00-24	2655		2205	2107	98					
	23rd July 2014 to 30th July 2014	00-24	2655		2205	2187	18					
31st July 2014	00-24	2655	2205		1977	228						
Import of Punjab	1st July 2014 to 31st July 2014	00-24	5700		300	5400	3790			1610		
Import TTC for DD & DNH	1st July 2014 to 4th July 2014	00-24	980		0	980	LTA and MTOA as per ex-pp schedule					
	5th July 2014 to 31st July 2014	00-24	1200	0	1200	LTA and MTOA as per ex-pp schedule						
W3 zone Injection	1st July 2014 to 31st July 2014	00-17 23-24	9000	200	8800	6842	1958					
		17-23	9500		9300		2458					

\* 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.

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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) KWPCCL, 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 commissioned 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.

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	1. Commissioning of 765kV Raichur-Sholapur S/C 2. Based on the operational experience after the synchronization of SR grid with NEW grid and due to 3. 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-
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) contingency 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

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

#### Monday to Saturday

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

#### Sundays

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

**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	
<b>ER</b>										
<b>NR</b>	1st July 2014 to 31st July 2014	00-17 23-24	8600	800	7800	6811	989			
		17-23	8600		7800		989			
<b>NER</b>	1st July 2014 to 31st July 2014	00-17 23-24	645	50	595	205	390			
		17-23'	600		550		340			
<b>WR</b>										
<b>SR *</b>	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			
	5th July 2014	00-06	4300	600	3700	3069	631			
		06-10'				3114	586			
		10-18'	4450			3114	736			
		18-24'				3069	781			
	6th July 2014 to 7th July 2014	00-06 18-24	4450	600	3850	3069	781			
		06-18'				3114	736			
	8th July 2014	00-06 18-24	4450	600	3850	3512	338			
		06-18'				3557	293			
	9th July 2014	00-06	4450	600	3850	3512	338			
		06-07'				3850	3557			293
		07-18'	4450			3850	3557			293
		18-24'	4450			3850	3512			338
	10th July 2014	00-06	4450	600	3850	3069	781			
		06-07'				3850	3114			736
		07-18'	4150			3550	3114			436
18-24'		4150	3550			3069	481			
11th July 2014 to 31st July 2014	00-06 18-24	4450	600	3850	3069	781				
	06-18'				3114	736				

\* CTU Transfer Capability assesement 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
NR*	1st July 2014 to 31st July 2014	00-06	3500	700	2800	944	1856		
		06-17'	3500		2800	1074	1726		
		17-18	3600		2900	1074	1826		
		18-23	3600		2900	944	1956		
		23-24	3500		2800	944	1856		
NER	1st July 2014 to 31st July 2014	00-17	450	100	350	0	350		
		23-24			450		450		
		17-23	550						
WR									
SR*	1st July 2014 to 7th July 2014	00-24	2200	0	2200	148	2052		
	8th July 2014 to 9th July 2014					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

NR	<b>Import</b>	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)
	<b>Export</b>	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. (n-1) contingency of 400 kV Allahabad-Pusauli
NER	<b>Import</b>	(n-1) contingency of 400 kV Balipara – Bongaigaon D/C leading to thermal loading of 220kV BTPS-Agia S/C
	<b>Export</b>	(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa
SR	<b>Import</b>	1. Commissioning of 765kV Raichur-Sholapur S/C 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). 3. 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.
	<b>Export</b>	(n-1) and (n-1-1) contingencies of 400kV Talcher-Rourkela D/C

\*Primary constraints

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

Revision No	Date of Revision	Period of Revision	Reason for Revision	Corridor Affected
1	04-04-2014	Whole Month	Margin revised due to grant of 69 MW LTA to Jindal Power Limited Tamnar	W3/ ER-SR
2	11-04-2014	Whole Month	Margin revised due to addition of 139 MW LTA to TANGEDCO	ER-SR
			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
4	01-05-2014	Whole Month	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 available on RPCs RTA/REA.	NR-ER/ ER- NER
			Margin revised due to incorporation of existing LTA/MTOA allocation available in RPCs RTA/REA and Re-routing of existing MTOA granted by CTU.	W3-ER
			Margin revised due to incorporation of existing LTA/MTOA allocation available 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 available 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
5	19-05-2014	Whole Month	Refer to explanatory notes regarding the change in TTC representation given in the last page.	ER-SR/ S1-S2
6	13-06-2014	Whole Month	Revised due to change in Load Generation Balance and Commissioning of Sasan Unit-1.	WR-NR
7	25-06-2014	Whole Month	Revised due to change in Load Generation Balance and Margin revised considering SRPC Generating Units Maintenance schedule.	S1-S2
			Revised due to change in Load Generation Balance	ER-NR
8	27-06-2014	Whole Month	LTA/MTOA revised due to deferment of Simhadri unit - 4 overhauling	S1-S2
9	30-06-2014	Whole Month	Revised due to change in Load-Generation balance and major network change due to commissioning of 400/220 kV Azara (Kukurmara) substation	ER-NER / NER-ER
			Revised due to forced outage of 400 kV Raigarh-SEL-Rourkela Ckt 1	W3-ER
10	30-06-2014	01-07-2014	Due to non availability of HVDC Gazuwaka Block 1	ER-SR
		01-07-2014 to 02-07-2014	Revised due to outage of NCTPS Unit-2	S1-S2

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

Revision No	Date of Revision	Period of Revision	Reason for Revision	Corridor Affected
11	01-07-2014	02/07/2014 - 03/07/2014	Due to non availability of HVDC Gazuwaka Block 1.	ER-SR
		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
12	03-07-2014	04-07-2014	Due to non availability of HVDC Gazuwaka Block 1.	ER-SR
			Revised due to shutdown of 400kV Rourkela-Jharsuguda-Raigarh D/C	W3-ER
13	04-07-2014	05/07/2014 - 07/07/2014	Due to non availability of HVDC Gazuwaka Block 1.	ER-SR
		05/07/2014 - 31/07/2014	Revised due to commissioning of contingency arrangement of one 500 MW Vindhyachal (Unit-12) with 400kV Vindhyachal-Rihand line.	WR-NR
			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
15	05-07-2014	05/07/2014-07/07/2014	Revised due to restoration of Gazuwaka Block-1.	ER-SR
		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 Intending agency.	ER-SR
18	09-07-2014	10-07-2014	Revised due to shutdown of 400kV Rengali-Indravati S/C	ER-SR
19	11-07-2014	11-07-2014 - 12-07-2014	Revised due to NCTPS-II unit-1 tripping and low Vallur generation. Vallur generation is considered 700 MW due to coal shortage, as decided in 97th OCC meeting, from 11th to 31st July-214	S1-S2
		13-07-2014 - 31-07-2014	Revised due to low Vallur generation. Vallur generation is considered 700 MW due to coal shortage, as decided in 97th OCC meeting, from 11th to 31st July-214	
20	12-07-2014	12-07-2014	Revised due to synchronization of NCTPS-II unit-1.	S1-S2



## ASSUMPTIONS IN BASECASE

Month : July '14

S.No.	Name of State/Area	Load		Generation	
		Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)
<b>I</b>	<b>NORTHERN REGION</b>				
1	Punjab	8805	8759	3237	3034
2	Haryana	7318	7018	3790	3790
3	Rajasthan	6840	6640	4731	4721
4	Delhi	5241	5044	1172	1172
5	Uttar Pradesh	12034	12134	6260	6283
6	Jammu & Kashmir	1935	1834	556	571
7	Uttarakhand	1559	1459	508	469
8	Himachal Pradesh	1489	1390	867	867
9	Chandigarh	291	277	0	0
10	ISGS/IPPs			19676	17746
	<b>Total NR</b>	<b>45512</b>	<b>44555</b>	<b>40797</b>	<b>38653</b>
<b>II</b>	<b>EASTERN REGION</b>				
1	West Bengal	6881	4919	4764	3604
2	Jharkhand	1070	850	365	370
3	Orissa	3740	3000	3049	2375
4	Bihar	2190	1820	80	80
5	Damodar Valley Corporation	2350	2139	3523	3008
6	Sikkim	86	40		
7	Bhutan	108	108	1425	1065
8	ISGS/IPPs	300	480	9351	8716
	<b>Total ER</b>	<b>16725</b>	<b>13356</b>	<b>22557</b>	<b>19218</b>
<b>III</b>	<b>WESTERN REGION</b>				
1	Chattisgarh	2709	2381	1653	1326
2	Madhya Pradesh	5556	3873	4367	2740
3	Maharashtra	15757	13648	9707	7696
4	Gujarat	11177	8813	8279	6437
5	Goa	330	356		
6	Daman and Diu	244	263		
7	Dadra and Nagar Haveli	629	613		
8	ISGS/IPPs	1255	1255	18036	17054
	<b>Total WR</b>	<b>37657</b>	<b>31202</b>	<b>42042</b>	<b>35253</b>

## ASSUMPTIONS IN BASECASE

Month : July '14

S.No.	Name of State/Area	Load		Generation	
		Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)
<b>IV</b>	<b>SOUTHERN REGION</b>				
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
	<b>Total SR</b>	<b>35985</b>	<b>30748</b>	<b>33717</b>	<b>28504</b>
<b>V</b>	<b>NORTH-EASTERN REGION</b>				
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
	<b>Total NER</b>	<b>2345</b>	<b>1588</b>	<b>1719</b>	<b>1472</b>
	<b>Total All India</b>	<b>138224</b>	<b>121449</b>	<b>140832</b>	<b>123100</b>

## Allocation/LTA/MTOA Quantum on each corridor for July 2014

### WR-NR Allocation/LTA/MTOA

S. No.	Name of the Plant	Installed Capacity	Available Capacity	Share to NR Constituents	Allocation/LTA/MTOA	Approved Quantum on WR-NR corridor
1	CGPL Mundra	5*800	3800	32.5%	LTA	1235
2	SASAN UMPP	4*660	2482	62.5%	LTA	1551
3	APL Mundra (As per PPA to Haryana)	--	---	--	LTA	1495
4	ISGS Share to J &K				Allocation	100
<b>Total Quantum approved on WR-NR</b>						<b>4380</b>

### ER-NER Allocation/LTA/MTOA

BENEFICIARIES	FARAKKA I & II STPS	KAHALGAON STPS STAGE I	KAHALGAON STPS STAGE II	TALCHER STPS STAGE I	FARAKKA-III STPS (GENERATOR)	Total Quantum
	1489 MW	764.4 MW	1402.5 MW	935 MW	467.5 MW	
ASSAM	29.41	12.13	58.68	15.07	23.38	138.67
ASSAM(Coal Power-Rajasthan)	1.37	0.7	1.29	0.86	0.43	4.65
MEGHALAYA	8.88	4.52	18.55	5.58		37.53
NAGALAND	6.4	3.24	0	3.97		13.61
ARUNACHAL PRADESH	2.86	1.47	0	1.84		6.17
MIZORAM	2.11	1.08	0	1.33		4.52
<b>TOTAL</b>	<b>51.03</b>	<b>23.14</b>	<b>78.52</b>	<b>28.65</b>	<b>23.81</b>	<b>205.15</b>
<b>Solar Allocation</b>						<b>5</b>
<b>Total ER-NER corridor Allocation</b>						<b>210.15</b>

## Allocation/LTA/MTOA Quantum on each corridor for July 2014

### ER-NR Allocation/ LTA/MTOA

BENEFICIARIES	FARAKKA I & II STPS	KAHALGAON STPS STAGE I	KAHALGAON STPS STAGE II	TALCHER STPS STAGE I (	DVC POOL POWER (GENERATOR)	TALA HPS (GENERATOR)	MEJIA-DVC (GENERATOR)	KODERMA-DVC (GENERATOR)	MPL UNIT #1 & II (GENERATOR)	MEJIA B (DVC GENERATOR)	DSTPS (DVC GENERATOR)	TOTAL
	1489 MW	764.4 MW	1402.5 MW	935 MW	500 MW	1009.8 MW	500 MW	50 MW	983 MW	363.38 MW	300 MW	
UTTAR PRADESH	30.97	69.71	234.64	0		44.53						379.85
HARYANA	10.27	23.24	64.23	0		14.84		50		100		262.58
RAJASTHAN	10.27	23.24	99.72	0		14.84						148.07
J & K	12.66	28.13	77.98	0		17.87						136.64
HP	0	0	21.46	0		0						21.46
DELHI	20.7	46.4	147.12	0	230	29.69	100					573.91
PUNJAB	20.7	46.4	112.48	0		29.69					200	409.27
UTTARAKHAND	0	0	26.23	0								26.23
CHANDIGARH	0	0	2.81	0								2.81
TPDDL					20				281			301
BYPL					19					119.19		138.19
BRPL					31							31
<b>TOTAL</b>	<b>105.57</b>	<b>237.12</b>	<b>786.67</b>	<b>0</b>	<b>300</b>	<b>151.46</b>	<b>100</b>	<b>50</b>	<b>281</b>	<b>219.19</b>	<b>200</b>	<b>2431.01</b>

## Allocation/LTA/MTOA Quantum on each corridor for July 2014

### ER-SR & WR-SR LTA/MTOA

S.No	Corridor	From	To	Allocation / LTA / MTOA	Quantum of LTA/MTOA
1	NR-SR	JHAJJAR, HARYANA	ANDHRA	Allocation	264.234
2	NR-SR	JHAJJAR, HARYANA	TELANGANA	Allocation	208.539
3	NR-SR	JHAJJAR, HARYANA	KERALA	Allocation	178.647
4	NR-SR	SOLAR, RAJASTHAN	KARNATAKA	Allocation	45
5	ER-SR	ER ISGS	TAMIL NADU	Allocation	35
6	WR-SR	JINDAL POWER LIMITED, CHHATTISGARH	TANGEDCO, TN	LTA	150
7	NR-SR	LANCO, UP	TANGEDCO, TN	MTOA	100
8	WR-SR	JINDAL POWER LIMITED, CHHATTISGARH	TANGEDCO, TN	MTOA	200
9	WR-SR	ADANI MUNDRA	TANGEDCO, TN	MTOA	200
10	WR-SR	KSK MAHANADI	APCPDCL	MTOA	400
11	WR-SR	CSPDCL	KSEB, KERALA	MTOA	3
12	ER-SR	TALCHER STAGE-2	SR CONSTITUENTS	Allocation	1773
<b>Total LTA/MTOA towards SR</b>					<b>3557.42</b>

Reference:

1. [http://www.powergridindia.com/\\_layouts/PowerGrid/WriteReadData/file/LTOA/DetailsofConnectivityMTOALTAapplications/DetailsofMTOAapplications/2014/MTOA%20Granted\\_All-India\\_Website\\_April.pdf](http://www.powergridindia.com/_layouts/PowerGrid/WriteReadData/file/LTOA/DetailsofConnectivityMTOALTAapplications/DetailsofMTOAapplications/2014/MTOA%20Granted_All-India_Website_April.pdf)

## Allocation/LTA/MTOA Quantum on each corridor for July 2014

### W3 Zone LTA/MTOA

Name of the Generating Station in W3	Allocation/ LTA/ MTOA	Quantum
KSTPS	Allocation	1949
KSTPS 7	Allocation	467
SIPAT-II	Allocation	935
SIPAT I	Allocation	1851
NSPCL Bhilai	Allocation/LTA	387
JINDAL	LTA	150
PTC(LANCO Amarkantak)	LTA	300
ACB Limited	LTA	200
NSPCL Bhilai	MTOA	0
BALCO	MTOA	0
CSPDCL	MTOA	3
Jindal Power Ltd.	MTOA	200
CSPTCL	MTOA	0
KSK Mahanadi	MTOA	400
Sterlite Energy Ltd	MTOA	0
<b>Total</b>		<b>6842</b>

## Allocation/LTA/MTOA Quantum on each corridor for July 2014

### NR-ER LTA/MTOA

S.No	Corridor	From	To	Allocation/ LTA/ MTOA	Quantum
1	NR-ER	NR ISGS	Bangladesh	Allocation	92.67
2	NR-ER	BAGLIHAR, J&K	WB	MTOA	100
3	NR-SR	LANCO, UP	TANGEDCO, TN	MTOA	100
4	NR-ER-SR	Solar, Raja	Karnataka	Allocation	45
	NR-ER & NR-ER-SR	Solar, Raja	ER Constituents	Allocation	85
<b>Total Quantum</b>					<b>422.67</b>

### NR-WR LTA/MTOA

S. No	Corridor	From	To	Allocation/ LTA/ MTOA	Date upto Which MTOA Granted
1	NR-SR	Jhajjar, Haryana	Andhra	Allocation	264.234
2	NR-SR	Jhajjar, Haryana	Telangana	Allocation	208.539
3	NR-SR	Jhajjar, Haryana	Kerala	Allocation	178.647
<b>Total Quantum</b>					<b>651.42</b>

## Allocation/LTA/MTOA Quantum on each corridor for July 2014

### ER-W3 Allocation/LTA/MTOA

BENEFICIARIES	KAHALGAON STPS STAGE II	HIRAKUD HPS (ORISSA GENERATOR)	DVC POOL POWER (GENERATOR)	MEJIA-DVC (GENERATOR)	DSTPS (DVC GENERATOR)	TOTAL
	1402.5 MW	1.82 MW	500 MW	350 MW	300 MW	
CHATTISGARH	28.05	1.82				29.87
GUJARAT	131.84					131.84
MADHYA PRADESH	69.14		200	200	100	569.14
MAHARASTHRA	138.43					138.43
DNH	2.81					2.81
DD	1.82					1.82
<b>TOTAL Allocation</b>	<b>372.09</b>	<b>1.82</b>	<b>200</b>	<b>200</b>	<b>100</b>	<b>873.91</b>

### W3-ER Allocation/LTA/MTOA

S. No	From	To	Quantum
1	NR ISGS	Bangladesh	93
<b>Total</b>			<b>497*</b>

Remarks: \* includes 404 MW routed on WR-ER-SR

### SR-ER Allocation/LTA/MTOA

S. No	From	To	Allocation/LTA/MTOA	Quantum Approved or Allocated
1	Talcher Stage-2	Orissa	Allocation	197
<b>Total</b>				<b>197</b>



## Allocation/LTA/MTOA Quantum on each corridor for July 2014

### S1-S2 Allocation/LTA/MTOA

SR ISGS / SR Beneficiary	RSTPS St.I & II (U-1 to U-6)	RSTPS St.III (U-7)	NLC TS-II Stg1	NLC TS-II Stg.2	MAPS	KGS 1 & 2	KGS Unit 3	Talcher STPP-Stg.II	NLC TPS-I Exp.	Simhadri stg II	NTECL Unit 1	Total	Weighted average %
APTRANSCO	314	79	53	94	20	63	66	190	0	210	66	1155	11.77
KPTCL	423	106	130	176	33	121	132	388	108	212	89	1919	19.56
KSEB	249	62	64	91	23	39	36	428	69	92	34	1186	12.09
TNEB	552	138	194	289	333	125	111	499	226	225	717	3408	34.74
TELANGANA	366	92	62	110	24	73	78	222	0	245	77	1349	13.75
PONDY	94	24	76	30	8	19	17	69	17	17	17	387	3.95
GOA	100	0	0	0	0	0	0	0	0	0	0	100	1.02
NLC MINES	0	0	50	50	0	0	0	0	0	0	0	100	1.02
HVDC	2							4				6	0.06
ORISSA								200				200	2.04
<b>TOTAL</b>	<b>2100</b>	<b>500</b>	<b>630</b>	<b>840</b>	<b>440</b>	<b>440</b>	<b>440</b>	<b>2000</b>	<b>420</b>	<b>1000</b>	<b>1000</b>	<b>9810</b>	<b>100.00</b>

S1-S2 Share	KSEB	905		S2-S1 Share	AP	233
	TNEB	1650			KPTCL	536
	PONDY	239			TELANGANA	273
NR to S2 Share	KSEB	190				
ER to S2 Share	TNEB	35				
<b>Total</b>		<b>3019</b>		<b>Total</b>		<b>980</b>
<b>After Auxiliary</b>		<b>2838</b>		<b>After Auxiliary</b>		<b>809</b>
<b>Net LTA S1 to S2</b>		<b>2029</b>		<b>Auxiliary Consumption - 6% considered</b>		
<b>MTOA (Please refer WR-SR table)</b>	<b>KSEB</b>	<b>3</b>				
	<b>TNEB</b>	<b>500</b>				
<b>other LTA</b>	<b>TNEB</b>	<b>150</b>				
<b>Total</b>		<b>2682</b>				

## Allocation/LTA/MTOA Quantum on each corridor for July 2014

### DD & DNH Allocation/LTA/MTOA

Name of the Generating Station	D&D	DNH
Kahalgaon - II	1.8	2.8
KSTPS	46.4	53.6
KSTPS 7	5.8	22.6
VSTPS-STG-I	12.5	42.5
VSTPS-STG-II	9.0	33.2
VSTPS-STG-III	10.9	35.5
KAWAS	30.1	78.6
GANDHAR	30.4	56.7
SIPAT-II	9.7	32.3
SIPAT I	24.6	89.9
KAPS	7.6	11.9
TAPS 3&4	12.2	42.8
NSPCL Bhilai	70.0	100.0
RGPPL	38.2	38.2
VSTPS-STG-IV	12.3	46.4
Mauda	12.3	46.4
Total	333.65	733.31
<b>Total</b>		<b>1067</b>

# Allocation/LTA/MTOA Quantum on each corridor for July 2014

## Punjab Allocation/LTA/MTOA

(Source: <http://www.punjabslc.org/index.asp?pg=ccshare>).

Punjab share in BBMB Plants (as on 31/03/2013)

Source	Installed Capacity MW	Punjab's Share	
		%age	MW
		Permanent Allocation	Permanent Allocation
**Bhakra	1480	54.50	684
Dehar	990	48.00	475
Pong	396	24.90	99
<b>Total</b>	<b>2866</b>		<b>1258</b>
Reduction in share w.e.f Nov 12			95
<b>Total</b>			<b>1163</b>

### **Punjab share in Central Sector Stations under Long Term Agreements (as on 31/03/2013)**

National Hydro Power Corporation	Installed Capacity	Permanent Allocation (%)	Permanent Allocation (MW)
Bairasul	180	46.50	84
Salal	690	26.60	184
Tanakpur	94	17.93	17
Chamera-I	540	10.20	55
Chamera-II	300	10.00	30
Uri	480	13.75	66
Dhauliganga	280	10.00	28
Dulhasti	390	8.28	32
Sewa-II	120	8.33	10

## Allocation/LTA/MTOA Quantum on each corridor for July 2014

Chamera-III	231	7.856	18
<b>Total</b>	<b>3305</b>		<b>524</b>
<b>National Thermal Power Corporation</b>			
Singrauli	2000	10.00	200.00
Rihand-I	1000	11.00	110.00
Rihand-II	1000	10.20	102.00
Rihand-III	500	8.267	41
Anta(G)	419	11.69	49
Auraiya(G)	663	12.52	83
Dadri(G)	830	15.90	132
Unchahar-I	420	8.57	36
Unchahar-II	420	14.28	60
Unchahar-III	210	8.10	17
Indira Gandhi STPS Jhajjar	500	0	0
Dadri-I	840	0	0
Dadri-II	980	0	0
<b>Total</b>	<b>9782</b>		<b>830</b>
<b>Nuclear Power Corporation of India Ltd.</b>			
Narora Atomic Power Plant	440	11.59	51.00
Rajasthan Atomic Power Plant (unit #3 & 4)	440	22.73	100
Rajasthan Atomic Power Plant (unit #5 & 6)	440	10.41	46
<b>Total</b>	<b>1320</b>		<b>197</b>
Nathpa Jakhri Power Corporation / Sutlej Jal Vidyut Nigam Ltd.	1500	10.13	152
Tehri Hydro Development Corporation Ltd.	1000	7.70	77
Koteshwar HEP (THDC)	400	6.36	25

## Allocation/LTA/MTOA Quantum on each corridor for July 2014

Total	2900		254
<b>OTHER SOURCES</b>			
Tala	1020	0	0
Farakka	1600	1.39	22
Durgapur DVC	1000	20	200
Pragati-III(Bawana)	1371	10	137
Malana-2	100	86	86
Mundra (UMPP)	4000		475
Kahalgaon-I	840	6.07	51
Kahalgaon-II	1500	8.02	120
Mejia unit-6	250	11.76	29
<b>Total</b>	<b>11681</b>		<b>1120</b>
<b>Grand Total</b>	<b>28988</b>		<b>2926</b>

**Notes:**

1. **\*\*After deducting common pool energy and Rajasthan share (15.22%).**
2. **Over and above the permanent share, the present weighted average of share from unallocated quota of CS stations is 12.67% (174 MW) is also available.**

**Remarks: The Allocation/LTA/MTOA data is directly taken from PUNJAB SLDC website. Allocation of 3790 MW indicated on the website in consultation with Punjab SLDC.**