National Load Despatch Centre Total Transfer Capability for October 2013

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 October 2013 to 31st October 2013	00-24	2500	500	2000	LTA -286 MW	1714		
WR-NR ¹	1st October 2013 to 31st October 2013	00-17 23-24 17-23	3700 3700	500	3200 3200	LTA - 3176 MW	24 24		
		00-17	1000		000		000		
NR-ER*	1st October 2013 to 31st October 2013	23-24	1000	200	900	0	900		
ER-NR	1st October 2013 to 31st October 2013	00-17 23-24	4000	300	3700	LTA- 2189 MW	1511		
	3130 0000001 2013	17-23					1511		
W3-ER	1st October 2013 to 31st October 2013	00-24	1800	300	1500	0	1500		
ER-W3	1st October 2013 to 31st October 2013	00-24	1000	300	700	700	0		
WR-SR	1st October 2013 to 31st October 2013	00-24	1000	0	1000	LTA: 316 MW MTOA: 684 MW Total:1000 MW	0		
SR-WR*	1st October 2013 to 31st October 2013	00-24	1000	0	1000	0	1000		
	1st October 2013	00-05	700	0	700	LTA:35 MW, MTOA: 577 MW, Total- 612 MW	00		
		10-19	700		700		88		
		05-10 19-24	700		700		88		
	2nd October 2013 to 3rd October 2013	00-05 10-19	750	0	750	612	138		
		05-10	1250	200	1050		438		
		19-24 00-05	750	0	750		138		
		05-06	1250	200	1050	612	438		
	4th October 2013	19-24 06-10'	950	200	750		138		
		10-19'	450	0	450		0		
	05th October 2013	00-05 10-19	750	0	750	612	138		
	ostii Octobel 2013	05-10 19-24	1250	200	1050	012	438		
ER-SR	6th October 2013 to	00-05 10-19	750	0	750	612	138		
	14th October 2013	05-10 19-24	1250	200	1050	612	438		
	15th October 2013	00-05 10-19	750	0	750	612	138		
		05-10 19-24	1250	0	1250		638		
	16th October 2013	00-05 10-19	750	0	750	612	138		
	15th October 2015	05-10 19-24	1250	200	1050	012	438		
	17th October 2013 to	00-05 10-19	750	0	750		138	-80	Revised due to change in Load
	31st October 2013	05-10 19-24	1250	200	1050	612	438	420	Generation Balance.
SR-ER*	1st October 2013 to	00-17 23-24	800	0	800	197	603		
	31st October 2013	17-23	900		900		703		

National Load Despatch Centre Total Transfer Capability for October 2013

Issue Date: 16/10/2013 Issue Time: 1300 hrs Revision No. 9

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
		00-08			645				
	1st October 2013	23-24	680	35	645	LTA - 230 MW	415		
	1st October 2013	08-17'	480	33	445	L1A - 230 MW	215		
ER-NER		17-23	590		555		325		
	2nd October 2013 to 31st October 2013	00-17 23-24	680	35	645	230 MW	415		
	31st October 2013	17-23	590		555		325		
NER-ER	1st October 2013 to 31st October 2013	00-17 23-24	500	100	400	0	400		
	31st October 2013	17-23	440		340		340		
						ı			
S1-S2	1st October 2013 to 31st October 2013	00-24	5600	400	5200	LTA: 4100MW MTOA:700 MW Total: 4800 MW	400		
Import of Punjab	1st October 2013 to 31st October 2013	00-24	5600	300	5300	3800	1500		
Import TTC for DD & DNH	1st October 2013 to 31st October 2013	00-24	980	0	980	LTA and MTOA			
W3 zone Injection	1st October 2013 to	00-17, 23-24	9000	200	8800	LTA-6162 MW, MTOA-1211 MW,	1427		
injection	31st October 2013	17-23	9500		9300	Total- 7373 MW	1927		

^{*} 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)KWPCL, M) DB Power, N) Vandana Vidyut

- 1. WR-NR Total Transfer capability will be reduced to 3100 MW in case of outage of any one of the following sections:
 - 765 kV Gwalior-Agra one circuit
 - 765 kV Bina-Gwalior one circuit

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 (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 400 kV Farakka-Malda
W3-ER	(n-1) contingency of 400kV Sterilte-Rourkela S/C
ER-W3	High loading of 400 kV Raipur-Bhadrawati T/C, Bhilai-Bhadrawati S/C, Bhilai-Koradi and Bhilai-Seoni* (n-1) contingency of 400kV Raigarh-Sterlite
WR-SR	Bhadrawati HVDC B/B link capacity
SR-WR	Bhadrawati HVDC B/B link capacity
ER-SR	Off-Peak: 1. Talcher-Kolar HVDC Capacity; 2. (n-1) contingency of 400 kV Jeypore-Gazuwaka Peak: 1. Talcher-Kolar HVDC Capacity; 2. (n-1) contingency of 400 kV Jeypore-Gazuwaka
SR-ER	
ER-NER	(n-1) contingency of 400/220 kV,315 MVA ICT at Misa* (n-1) contingency of 400 kV Binaguri-Bongaigaon
NER-ER	(n-1) contingency of 400 kV Binaguri-Bongaigaon* Insufficient generating resources in NER
S1-S2	(n-1) contingency of 400 kV Kolar-Hosur D/C line, 400kV Hosur-Salem S/C and 400kV Somanahalli-Salem S/C line.
Import of Punjab	(n-1) contingency of ICT at Patiala/Moga
W3 zone Injection	(n-1-1) contingency of 400 kV Raipur-Bhadrawati D/C section
	*Primary constraints

[#] 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 STOS approvals.

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 ¹	1st October 2013 to 31st October 2013	00-17 23-24	7700	800	6900	LTA-5365 MW	1535		
		17-23 00-08	7700		6900		1535		
	1st October 2013	23-24 08-17'	680 480	35	645 445	LTA-230 MW	415 215		
NER		17-23	590		555		325		
	2nd October 2013 to 31st October 2013	00-17 23-24 17-23	680 590	35	645 555	230	415 325		
WR		17-23	370		333		323		
WK									
	1st October 2013	00-05 10-19 05-10	1700	0	1700	LTA-351 MW, MTOA- 1261 MW,	88		
		19-24	1700		1700	Total- 1612 MW	88		
	2nd October 2013 to 3rd October 2013	00-05 10-19	1750	0	1750	1612	138		
		05-10 19-24	2250	200	2050	1012	438		
	4th October 2013	00-05 05-06	1750	0	1750	1612	138		
		19-24	2250	200	2050		438		
		06-10'	1950	200	1750		138		
		10-19' 00-05	1450	0	1450		0		
	05th October 2013	10-19 05-10	1750	0	1750	1612	138		
SR		19-24	2250	200	2050		438		
	6th October 2013 to	00-05 10-19	1750	0	1750	1612	138		
	14th October 2013	05-10 19-24	2250	200	2050	1012	438		
	15th October 2013	00-05 10-19	1750	0	1750	1612	138		
	13111 OCTOUCT 2013	05-10 19-24	2250	0	2250	1612	638		
	16th October 2013	00-05 10-19	1750	0	1750	1612	138		
	Totti October 2013	05-10 19-24	2250	200	2050	1012	438		
	17th October 2013 to	00-05 10-19	1750	0	1750	1612	138	-80	Revised due to change in Load
	31st October 2013	05-10 19-24	2250	200	2050	1012	438	420	Generation Balance.

^{1.} WR-NR Total Transfer capability will be reduced to 3100 MW in case of outage of any one of the following sections:

^{• 765} kV Gwalior-Agra one circuit • 765 kV Bina-Gwalior one circuit

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 October 2013 to 31st October 2013	00-17 23-24	3500	700	2800	286	2514		
	313t October 2013	17-23	3600		2900		2614		
NER	1st October 2013 to 31st October 2013	00-17 23-24	500	100	400	0	400		
		17-23	440		340		340		
WR									
WK									
SR	1st October 2013 to	00-17 23-24	1800	0	1800	197	1603		
	31st October 2013	17-23	1900		1900		1703		

^{*} 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	(n-1) contingency of 400 kV Faarakka-Malda* High loading of 765 kV Agra-Gwalior (1000 MW SPS setting on each circuit of 765 kV 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
NER	Import	(n-1) contingency of 400/220 kV,315 MVA ICT at Misa* (n-1) contingency of 400 kV Binaguri-Bongaigaon
NEK	Export	(n-1) contingency of 400 kV Binaguri-Bongaigaon* Insufficient generating resources in NER
SR	Import	Bhadrawati HVDC B/B link capacity Off-Peak(ER-side): 1. Talcher-Kolar HVDC Capacity; 2. (n-1) contingency of 400 kV Jeypore-Gazuwaka Peak(ER-side): 1. Talcher-Kolar HVDC Capacity; 2. (n-1) contingency of 400 kV Jeypore-Gazuwaka
	Export	

^{*}Primary constraints

[#] 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 STOS approvals.

National Load Despatch Centre Total Transfer Capability for October 2013

Revision No	Date of Revision	Period of revision	Reason for Revision	Corridor Affected
1	26-08-13	Whole Month	Revised due to Allocation of 150 MW additional power to J&K.	WR-NR
2	28-08-13	Whole Month	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).	NR-WR, NR-ER, SR-WR, SR-ER
3	10-09-13	Whole	Revised due to commissioning of Sasan UMPP Unit 30	WR-NR
4	28-09-13	Month Whole Month	Increase in share of Punjab from Sasan, DSTPS, Parbati-III Revised considering SPS setting of 1000 MW on each circuit of 765 kV Agra-Gwalior	Import of Punjab WR-NR
4	20-09-13	1st Oct	Revised considering present load generation balance and shutdown of 220 kV BTPS-Salakati D/C	ER-NER
		1st Oct - 16th Oct	Revised due to shutdown of Unit-1 of Talcher Stage-I and also due to change in LGBR	ER-SR
5	30-09-13	Whole Month	Revised due to Non-Commissioning of Kudankulam Unit-1	S1-S2
		Whole Month	Margin revised considering reduction in MTOA quantum.	W3 zone Injection
6	03-10-13	04th Oct	Revised due to shutdown of 400 kV Meramundli-Angul-Bolangir	ER-SR
7	14-10-13	15th Oct	Revised due to reduced Voltage mode Operation of Talcher-Kolar HVDC	ER-SR
8	14-10-13	15th Oct	Revised due to lifting of reduced Voltage mode Operation of Talcher-Kolar HVDC	ER-SR
9	16-10-13	17th Oct - 31st Oct	Revised due to change in Load Generation Balance.	ER-SR

ASSUMPTIONS IN BASECASE

Month: October '13

S.No. Name of State/Area Load (MW) Off Peak Load (MW) Peak (MW) Off Peak (MW) I NORTHERN REGION 1 1 Punjab 7000 4924 2546 2351 2 Haryana 5559 4660 2770 2770 3 Rajasthan 7051 6539 4002 4002 4 Delhi 3974 3720 1514 1514 5 Uttar Pradesh 11000 10322 6008 5756 6 Jammu & Kashmir 1876 1185 584 429 7 Uttarakhand 1543 902 713 340 8 Hinachal Pradesh 1327 730 444 523 9 Chandigarh 224 118 0 0 10 ISGS/IPPs 3954 3310 3532 2888 II EASTERN REGION 480 4837 3944 2 Jharkhand 1110 770 <td< th=""><th></th><th colspan="10">World : October 13</th></td<>		World : October 13									
NORTHERN REGION Peak (MW) Control Peak (MW) Pe			Lo	ad	Generation						
Punjab	S.No.	Name of State/Area		Load	Peak (MW)						
2 Haryana 5559 4660 2770 2770 3 Rajasthan 7051 6539 4002 4002 4 Delhi 3974 3720 1514 1514 5 Uttar Pradesh 11000 10322 6008 5756 6 Jammu & Kashmir 1876 1185 584 429 7 Uttarakhand 1543 902 713 344 523 9 Chandigarh 1327 730 444 523 9 Chandigarh 224 118 0 0 10 ISGS/IPPs 16740 11303 Total NR 39554 33100 35321 2898 II EASTERN REGION 1100 770 561 561 3 Orissa 3500 2200 2430 1699 4 Bihar 1820 1320 0 0 0 5 Damodar Valley Corporation 2600<	I	NORTHERN REGION									
Rajasthan	1	Punjab	7000	4924	2546	2351					
1	2	Haryana	5559	4660	2770	2770					
5 Uttar Pradesh 11000 10322 6008 5756 6 Jammu & Kashmir 1876 1185 584 429 7 Uttarakhand 1543 902 713 340 8 Himachal Pradesh 1327 730 444 523 9 Chandigarh 224 118 0 0 10 ISGS/IPPs 16740 11303 Total NR 39554 33100 35321 28988 II EASTERN REGION 4500 4837 3944 2 Jharkhand 1110 770 561 561 3 Orissa 3500 2200 2430 1699 4 Bihar 1820 1320 0 0 0 5 Damodar Valley Corporation 2600 2035 3439 3039 6 Sikkim 40 40 40 40 40 40 40 40 40 <td< td=""><td>3</td><td>Rajasthan</td><td>7051</td><td>6539</td><td>4002</td><td>4002</td></td<>	3	Rajasthan	7051	6539	4002	4002					
6 Jammu & Kashmir 1876 1185 584 429 7 Uttarakhand 1543 902 713 340 8 Himachal Pradesh 1327 730 444 523 9 Chandigarh 224 118 0 0 10 ISGS/IPPs 16740 11303 Total NR 39554 33100 35321 28988 II EASTERN REGION 4500 4837 3944 2 Jharkhand 1110 770 561 561 3 Orissa 3500 2200 2430 1699 4 Bihar 1820 1320 0 0 5 Damodar Valley Corporation 2600 2035 3439 3039 6 Sikkim 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 <	4	Delhi	3974	3720	1514	1514					
Total NR Total NR	5	Uttar Pradesh	11000	10322	6008	5756					
8 Himachal Pradesh 1327 730 444 523 9 Chandigarh 224 118 0 0 10 ISGS/IPPs 16740 11303 Total NR 39554 33100 35321 28988 II EASTERN REGION	6	Jammu & Kashmir	1876	1185	584	429					
9 Chandigarh	7	Uttarakhand	1543	902	713	340					
Total NR	8	Himachal Pradesh	1327	730	444	523					
Total NR	9	Chandigarh	224	118	0	0					
II EASTERN REGION	10	ISGS/IPPs			16740	11303					
1 West Bengal 4900 4500 4837 3944 2 Jharkhand 1110 770 561 561 3 Orissa 3500 2200 2430 1699 4 Bihar 1820 1320 0 0 5 Damodar Valley Corporation 2600 2035 3439 3039 6 Sikkim 40 40 40 7 Bhutan 110 110 648 648 8 ISGS/IPPs 131 241 6494 6762 Total ER 14211 11216 18409 16653 III WESTERN REGION 3181 2462 1804 1065 2 Madhya Pradesh 7637 5600 9905 7817 3 Maharashtra 15506 12500 4366 2928 4 Gujarat 11119 10121 11221 8374 5 Goa 432 281 0 0 6 Daman and Diu 245 208		Total NR	39554	33100	35321	28988					
1 West Bengal 4900 4500 4837 3944 2 Jharkhand 1110 770 561 561 3 Orissa 3500 2200 2430 1699 4 Bihar 1820 1320 0 0 5 Damodar Valley Corporation 2600 2035 3439 3039 6 Sikkim 40 40 40 7 Bhutan 110 110 648 648 8 ISGS/IPPs 131 241 6494 6762 Total ER 14211 11216 18409 16653 III WESTERN REGION 3181 2462 1804 1065 2 Madhya Pradesh 7637 5600 9905 7817 3 Maharashtra 15506 12500 4366 2928 4 Gujarat 11119 10121 11221 8374 5 Goa 432 281 0 0 6 Daman and Diu 245 208											
2 Jharkhand 1110 770 561 561 3 Orissa 3500 2200 2430 1699 4 Bihar 1820 1320 0 0 5 Damodar Valley Corporation 2600 2035 3439 3039 6 Sikkim 40 40 40 7 Bhutan 110 110 648 648 8 ISGS/IPPs 131 241 6494 6762 Total ER 14211 11216 18409 16653 III WESTERN REGION 3181 2462 1804 1065 2 Madhya Pradesh 7637 5600 9905 7817 3 Maharashtra 15506 12500 4366 2928 4 Gujarat 11119 10121 11221 8374 5 Goa 432 281 0 0 6 Daman and Diu 245 208 0 0 7 Dadra and Nagar Haveli 604 471 <td>II</td> <td>EASTERN REGION</td> <td></td> <td></td> <td></td> <td></td>	II	EASTERN REGION									
3 Orissa 3500 2200 2430 1699 4 Bihar 1820 1320 0 0 5 Damodar Valley Corporation 2600 2035 3439 3039 6 Sikkim 40 40 7 Bhutan 110 110 648 648 8 ISGS/IPPs 131 241 6494 6762 Total ER 14211 11216 18409 16653 III WESTERN REGION	1	West Bengal	4900	4500	4837	3944					
4 Bihar 1820 1320 0 0 5 Damodar Valley Corporation 2600 2035 3439 3039 6 Sikkim 40 40 40 7 Bhutan 110 110 648 648 8 ISGS/IPPs 131 241 6494 6762 Total ER 14211 11216 18409 16653 III WESTERN REGION WESTERN REGION 1 1804 1065 2 Madhya Pradesh 7637 5600 9905 7817 3 Maharashtra 15506 12500 4366 2928 4 Gujarat 11119 10121 11221 8374 5 Goa 432 281 0 0 6 Daman and Diu 245 208 0 0 7 Dadra and Nagar Haveli 604 471 0 0 8 ISGS/IPPs 590	2	Jharkhand	1110	770	561	561					
5 Damodar Valley Corporation 2600 2035 3439 3039 6 Sikkim 40 40 40 7 Bhutan 110 110 648 648 8 ISGS/IPPs 131 241 6494 6762 Total ER 14211 11216 18409 16653 III WESTERN REGION VIII VIII 18404 1065 2 Madhya Pradesh 7637 5600 9905 7817 3 Maharashtra 15506 12500 4366 2928 4 Gujarat 11119 10121 11221 8374 5 Goa 432 281 0 0 6 Daman and Diu 245 208 0 0 7 Dadra and Nagar Haveli 604 471 0 0 8 ISGS/IPPs 590 590 16763 15466	3	Orissa	3500	2200	2430	1699					
6 Sikkim 40 40 7 Bhutan 110 110 648 648 8 ISGS/IPPs 131 241 6494 6762 Total ER 14211 11216 18409 16653 III WESTERN REGION VIII VIII VIII WESTERN REGION VIII 1804 1065 2 Madhya Pradesh 7637 5600 9905 7817 3 Maharashtra 15506 12500 4366 2928 4 Gujarat 11119 10121 11221 8374 5 Goa 432 281 0 0 6 Daman and Diu 245 208 0 0 7 Dadra and Nagar Haveli 604 471 0 0 8 ISGS/IPPs 590 590 16763 15466	4	Bihar	1820	1320	0	0					
7 Bhutan 110 110 648 648 8 ISGS/IPPs 131 241 6494 6762 Total ER 14211 11216 18409 16653 III WESTERN REGION	5	Damodar Valley Corporation	2600	2035	3439	3039					
8 ISGS/IPPs 131 241 6494 6762 Total ER 14211 11216 18409 16653 III WESTERN REGION VESTERN REGION <td>6</td> <td>Sikkim</td> <td>40</td> <td>40</td> <td></td> <td></td>	6	Sikkim	40	40							
Total ER 14211 11216 18409 16653 III WESTERN REGION	7	Bhutan	110	110	648	648					
III WESTERN REGION 1 Chattisgarh 3181 2462 1804 1065 2 Madhya Pradesh 7637 5600 9905 7817 3 Maharashtra 15506 12500 4366 2928 4 Gujarat 11119 10121 11221 8374 5 Goa 432 281 0 0 6 Daman and Diu 245 208 0 0 7 Dadra and Nagar Haveli 604 471 0 0 8 ISGS/IPPs 590 590 16763 15466	8	ISGS/IPPs	131	241	6494	6762					
1 Chattisgarh 3181 2462 1804 1065 2 Madhya Pradesh 7637 5600 9905 7817 3 Maharashtra 15506 12500 4366 2928 4 Gujarat 11119 10121 11221 8374 5 Goa 432 281 0 0 6 Daman and Diu 245 208 0 0 7 Dadra and Nagar Haveli 604 471 0 0 8 ISGS/IPPs 590 590 16763 15466		Total ER	14211	11216	18409	16653					
1 Chattisgarh 3181 2462 1804 1065 2 Madhya Pradesh 7637 5600 9905 7817 3 Maharashtra 15506 12500 4366 2928 4 Gujarat 11119 10121 11221 8374 5 Goa 432 281 0 0 6 Daman and Diu 245 208 0 0 7 Dadra and Nagar Haveli 604 471 0 0 8 ISGS/IPPs 590 590 16763 15466											
2 Madhya Pradesh 7637 5600 9905 7817 3 Maharashtra 15506 12500 4366 2928 4 Gujarat 11119 10121 11221 8374 5 Goa 432 281 0 0 6 Daman and Diu 245 208 0 0 7 Dadra and Nagar Haveli 604 471 0 0 8 ISGS/IPPs 590 590 16763 15466	III	WESTERN REGION									
3 Maharashtra 15506 12500 4366 2928 4 Gujarat 11119 10121 11221 8374 5 Goa 432 281 0 0 6 Daman and Diu 245 208 0 0 7 Dadra and Nagar Haveli 604 471 0 0 8 ISGS/IPPs 590 590 16763 15466	1	Chattisgarh	3181	2462	1804	1065					
4 Gujarat 11119 10121 11221 8374 5 Goa 432 281 0 0 6 Daman and Diu 245 208 0 0 7 Dadra and Nagar Haveli 604 471 0 0 8 ISGS/IPPs 590 590 16763 15466	2	Madhya Pradesh	7637	5600	9905	7817					
5 Goa 432 281 0 0 6 Daman and Diu 245 208 0 0 7 Dadra and Nagar Haveli 604 471 0 0 8 ISGS/IPPs 590 590 16763 15466	3	Maharashtra	15506	12500	4366	2928					
6 Daman and Diu 245 208 0 0 7 Dadra and Nagar Haveli 604 471 0 0 8 ISGS/IPPs 590 590 16763 15466	4	Gujarat	11119	10121	11221	8374					
7 Dadra and Nagar Haveli 604 471 0 0 8 ISGS/IPPs 590 590 16763 15466	5	Goa	432	281	0	0					
8 ISGS/IPPs 590 590 16763 15466	6	Daman and Diu	245	208	0	0					
10100	7	Dadra and Nagar Haveli	604	471	0	0					
Total WR 39314 32233 44059 35650	8	ISGS/IPPs	590	590	16763	15466					
		Total WR	39314	32233	44059	35650					

IV	SOUTHERN REGION				
1	Andhra Pradesh	10900	9350	7204	6066
2	Tamil Nadu	11300	8617	6433	4962
3	Karnataka	7800	6499	5213	3549
4	Kerala	3225	2234	1917	760
5	Pondy	320	244	0	0
6	Goa	80	80	0	0
7	ISGS/IPPs			11130	10168
	Total SR	33625	27024	31897	25505
V	NORTH-EASTERN REGION				
1	Manipur	130	91	0	0
2	Meghalaya	280	196	110	95
3	Mizoram	85	60	8	4
4	Nagaland	120	84	20	10
5	Assam	1350	970	220	180
6	Tripura	260	130	100	100
7	Arunachal Pradesh	130	91	0	0
8	ISGS/IPPs			1020	735
	Total NER	2355	1622	1478	1124
	T-4-1 All In-18-	400070	105105	404404	407000
	Total All India	129059	105195	131164	107920