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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
NR-WR *	1st January 2014 to 31st January 2014	00-24	2500	500	2000	286	1714		
	1st January 2014 to 21st January 2014	00-17 23-24	3900	500	3400	3181	219		
	213t Junuary 2014	17-23	3900		3400	3181	219		
	22nd January 2014	00-08 08-24'	3900 3650	500	3400 3150	3181 3181	219 0		
	22.17. 2014	00-21	3650	500	3150	3181	0		
	23rd January 2014	21-24	3900	500	3400	3181	219		
	24th January 2014	00-08	3900	500	3400	3181	219		
WR-NR ¹		08-24' 00-21	3650 3650		3150 3150	3181 3181	0		
	25th January 2014	21-24	3900	500	3400	3181	219		
	26th January 2014	00-24	3900	500	3400	3181	219		
	27th January 2014	00-08 21-24	3900	500	3400	3181	219		
	28th January 2014 to	08-21'	3400 3900	500	2900 3400	3181	219		
	31st January 2014	23-24 17-23	3900	500	3400	3181	219		
			3700		3400	3101	21)		
NR-ER *	1st January 2014 to 31st January 2014	00-17 23-24	1000	200	800	200	600		
		17-23	1100		900		700		
	1st January 2014 to 3rd January 2014	00-17 23-24 17-23	3800	300	3500	2118	1382		
	4th January 2014 to 7th January 2014	00-24	3100	300	2800	2118	682		
	8th January 2014	00-10 15-24	3100	300	2800	2118	682		
		10-15'	2700		2400		282		
	9th January 2014 to 14th January 2014	00-17 23-24	3600	300	3300	2118	1182		
		17-23 00-17	3100		2800		682		
ER-NR	15th January 2014	23-24 17-23	3300 3100	300	3000 2800	2118	882 682		
	16th January 2014 to 27th January 2014	00-17 23-24	3600	300	3300	2118	1182		
		17-23	3100		2800		682		
	28th January 2014	00-08	3600 2600	300	3300 2300	2118	1182	-1000	
		23-24 17-23	2300		2000		0	-800	Revised due to shutdown of 400 kV
	29th January 2014 to	00-17	2600		2300		182	-1000	Kahalgaon-Biharshariff D/C
	31st January 2014	23-24 17-23	2300	300	2000	2118	0	-800	
		17-23	2300		2000		U	-800	
	1st January 2014 to 6th January 2014	00-24	1800	300	1500	0	1500		
	7th January 2014	00-09 18-24	1800	300	1500	0	1500		
W3-ER		09-18'	1500		1200		1200		
W3-EK	8th January 2014	00-09 09-24'	1800 1500	300	1500 1200	0	1200		
	9th January 2014	00-19	1500	300	1200	0			
		19-24	1800	550	1500	,	1500		
	10th January 2014 to 31st January 2014	00-24	1800	300	1500	0	1500		
ER-W3	1st January 2014 to 31st January 2014	00-24	1000	300	700	700	0		
	1st January 2014 to 14th January 2014	00-24	1000	0	1000	1000	0		
WR-SR	15th January 2014 to 31st January 2014	00-24	850	0	850	850	0		
SR-WR *	1st January 2014 to 31st January 2014	00-24	1000	0	1000	0	1000		

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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
		00-05	750		750		93		
	1st January 2014 to 9th	10-19	730	0	730	657	93		
	January 2014	05-10 19-24	1250		1250		593		
		00-05	750		750		93		
ER-SR	10th January 2014	05-08'	1250	0	1250	657	593		
	1145 7 2014	08-24' 00-24	650 650	0	650	657	0		
	11th January 2014 12th January 2014	00-24	650	0	650 650	657	0		
		00-24	650		650		0		
	13th January 2014	19-24	1250	0	1250	657	593		
		00-05	750		750		93		
	14th January 2014	10-19	750	0	750	657	- 73		
	,	05-10 19-24	1250		1250		593		
		00-05							
	15th January 2014 to	10-19	700		700	700	0		
	23rd January 2014	05-10	700	0	700	700	0		
ER-SR		19-24	700		700		U		
	24th Innovem 2014	00-10	700	0	700	700	0		
	24th January 2014	17-24 10-17'	350	0	350	700	-350		
		00-05							
	25th January 2014 to 31st January 2014	10-19	700	0	700	700	0		
		05-10	700		700		0		
		19-24	700		700		Ü		
SR-ER*	1st January 2014 to	00-17 23-24	1100	0	1100	197	903		
SK-EK	31st January 2014	17-23	1100	U	1100	197	903		
						I			
	1st January 2014	00-24 00-17	500	50	450	230	220		
	2nd January 2014	23-24	720	50	670	230	440		
		17-23	640		590		360		
		00-09							
		16-17	720		670		440		
	3rd January 2014	23-24 09-16'	700	50	650	230	420		
ER-NER ²		17-23	700 640		650 590		420 360		
EK-IVEK		00-17							
	4th January 2014 to 6th January 2014	23-24	720	50	670	230	440		
	January 2014	17-23	640		590		360		
		00-09	720		670		440		
	7th January 2014	16-17 23-24	720	50	670	230	440		
	7 til Stilltar y 2014	09-16'	700	30	650	230	420		
		17-23	640		590		360		
		00-08							
	04.1. 2014	16-17	720	50	670	220	440		
	8th January 2014	23-24 08-16'	550	50	500	230	270		
		17-23	640		590		360		
		00-08	540				550		
ER-NER ²		16-17	720		670		440		
	9th January 2014	23-24		50	500	230			
		08-16' 17-23	550 640		500		270		
		00-17			590		360		
	10th January 2014 to	23-24	720	50	670	230	440		
	22nd January 2014	17-23	640		590		360		

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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
	23rd January 2014	00-07 16-17 23-24 07-16'	720 690	50	670 640	230	440		
		17-23	640		590		360		
	24th January 2014	00-12 15-17 23-24	720	50	670	230	440		
		12-15'	400 640		350		120		
ER-NER ²		17-23 00-17			590		360		
	25th January 2014 to	23-24	720	50	670	230	440		
	27th January 2014	17-23	640		590		360		
		00-08	720		670		440		
	28th January 2014	08-17 23-24	350	50	300	230	70	-370	
		17-23	230		180		0	-410	Revised due to shutdown of 400 kV
	29th January 2014 to	00-17 23-24	350	50	300	230	70	-370	Kahalgaon-Biharshariff D/C
	31st January 2014	17-23	230	50	180	230	0	-410	
	1st January 2014 to		570	100	470	0	470	110	
	21st January 2014		570	100	470	· ·	470		
	22nd January 2014	17-23 00-09 15-17 23-24	570	100	470	0	470		
		09-15'	530		430		430		
NER-ER		17-23	570		470		470		
	23rd January 2014	00-07 16-17 23-24	570	100	470	0	470		
		07-16'	530		430		430		
	24th January 2014 to	17-23 00-17 23-24	570 570	100	470 470	0	470 470		
	31st January 2014	17-23	570	100	470	Ŭ	470		
				100		4000	200		
	1st January 2014	00-24	5600 5650	400	5200 5250	4900	300 350		
	2nd January 2014	08-24'	5200	400	4800	4900	0		
S1-S2	2 17 2014	00-19	5200	400	4800	4000	0		
	3rd January 2014	19-24	5650	400	5250	4900	350		
	4th January 2014 to 31st January 2014	00-24	5650	400	5250	4900	350		
Import of Punjab	1st January 2014 to 31st January 2014	00-24	5600	300	5300	3800	1500		
Import TTC for DD & DNH	1st January 2014 to 31st January 2014	00-24	980	0	980	LTA and MTO scheo			
		00-08	8500		8300		670		
	1st January 2014 to	23-24		200		7630			
	27th January 2014	08-16' 16-17	8000 9000	200	7800 8800	7030	170 1170		
		17-23	9500		9300		1670		
		00-08 23-24	8500		8300		670		
W3 zone	28th January 2014 to	08-09'	8000		7800		170		
W3 zone Injection	30th January 2014 to	09-16'	7600	200	7400	7630	0		Revised due to shutdown of
Injection	5001500000 y 2014	16-17	8600		8400		770	-400	400 kV Seoni-Bhilai
		17-19	9100		8900		1270		
		19-23 00-08	9500		9300		1670		
		23-24	8500		8300		670		
	31st January 2014	08-16'	8000	200	7800	7630	170		
		16-17	9000		8800		1170		
		17-23	9500		9300		1670		

^{*} Fifty Percent (50 %) Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for advanced transactions (Bilateral & First

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

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

[#] 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.

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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
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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 Kahalgaon-Biharshariff
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 & ER-SR	Commissioning of 765kV Raichur-Sholapur S/C Based on the operational experience after the synchronization of SR grid with NEW grid and due to inadvertent 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	
ER-NER	(n-1) contingency of 400 kV Kahalgaon-Biharshariff
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 and 400kV Somanahalli-Salem S/C line.
Import of Punjab	(n-1) contingency of ICT at Patiala/Moga
W3 zone Injection	(n-1) contingency of 400 kV 400 kV Raipur-Wardha

^{*}Primary constraints

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									
	1st January 2014 to 3rd January 2014	00-17 23-24	7700	800	6900	5299	1601		
	4th January 2014 to 7th January 2014	17-23 00-17 23-24 17-23	7700 7000 7000	800	6900 6200 6200	5299	901 901		
	8th January 2014	00-10 15-24 10-15'	7000	800	6200 5800	5299	901		
	9th January 2014 to 14th January 2014	00-17 23-24 17-23	7500 7000	800	6700 6200	5299	1401 901		
	15th January 2014	00-17 23-24 17-23	7200 7000	800	6400 6200	5299	1101 901		
	16th January 2014 to 21st January 2014	00-17 23-24 17-23	7500 7000	800	6700	5299	901		
	22nd January 2014	00-08 08-17' 17-23' 23-24	7500 7250 6750 7250	800	6700 6450 5950 6450	5299	1401 1151 651 1151		
NR ¹	23rd January 2014	00-17 17-21 21-23 23-24	6250 6750 7000 7500	800	5450 5950 6200 6700	5299	151 651 901 1401		
	24th January 2014	00-08 08-17' 17-23' 23-24	7500 7250 6750 7250	800	6700 6450 5950 6450	5299	1401 1151 651 1151		
	25th January 2014	00-17 17-21 21-23 23-24	6250 6750 7000 7500	800	5450 5950 6200 6700	5299	151 651 901 1401		
	26th January 2014	00-17 23-24 17-23	7500 7500 7000	800	6700 6200	5299	1401		
	27th January 2014	00-08 23-24 08-17' 17-21'	7500 7000 6500	800	6700 6200 5700	5299	901 401		
	28th January 2014 to 27th January 2014	21-23 00-17 23-24 17-23	7000 7500 7000	800	6700 6200	5299	1401 901		
	28th January 2014	00-08 08-17 23-24 17-23	7500 6500 6200	800	6700 5700 5400	5299	1401 401 101	-1000 -800	Revised due to shutdown of 400
	29th January 2014 to 31st January 2014	00-17 23-24 17-23	6500 6200	800	5700 5400	5299	401 101	-1000 -800	kV Kahalgaon-Biharshariff D/C
	1st January 2014 2nd January 2014	00-24 00-17 23-24 17-23	500 720 640	50	450 670 590	230	220 440 360		
	3rd January 2014	00-09 16-17 23-24 09-16'	720 700	50	670 650	230	440 420		
NER ²	4th January 2014 to 6th January 2014	17-23 00-17 23-24	640 720	50	590 670	230	360 440		
	7th January 2014	17-23 00-09 16-17	720	50	590 670	230	360 440		
	/ ui January 2014	23-24 09-16' 17-23	700 640	30	650 590	230	420 360		

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
	8th January 2014	00-08 16-17 23-24 08-16' 17-23	720 550 640	50	670 500 590	230	440 270 360		
	9th January 2014	00-08 16-17 23-24 08-16' 17-23	720 550 640	50	670 500 590	230	440 270 360		
	10th January 2014 to 22nd January 2014	00-17 23-24 17-23	720 640	50	670 590	230	440 360		
NER ²	23rd January 2014	00-07 16-17 23-24 07-16'	720 690 640	50	670 640 590	230	440 410 360		
	24th January 2014	17-23 00-12 15-17 23-24 12-15'	720	50	670	230	440		
	25th January 2014 to 27th January 2014	17-23 00-17 23-24 17-23	640 720 640	50	590 670 590	230	360 440 360		
	28th January 2014	00-08 08-17 23-24 17-23	720 350 230	50	670 300 180	230	70 0	-370 -410	Revised due to shutdown of
	29th January 2014 to 31st January 2014	00-17 23-24 17-23	350 230	50	300	230	70	-370 -410	400 kV Kahalgaon- Biharshariff D/C
WR									
	1st January 2014 to 9th January 2014	00-05 10-19 05-10 19-24	1750 2250	0	1750 2250	1657	93 593		
	10th January 2014	00-05 05-08' 08-24'	1750 2250 1650	0	1750 2250 1650	1657	93 593 0		
	11th January 2014 12th January 2014	00-24 00-24	1650 1650	0	1650 1650	1657 1657	0		
	13th January 2014	00-19 19-24	1650 2250	0	1650 2250	1657	0 593		
SR	14th January 2014	00-05 10-19 05-10 19-24	1750 2250	0	1750 2250	1657	93 593		
	15th January 2014 to 23rd January 2014	00-05 10-19	1550	0	1550	1550	0		
	24th January 2014	05-10 19-24 00-10 17-24 10-17'	1550 1550	0	1550 1550	1550	0		
	25th January 2014 to 31st January 2014	00-05 10-19 05-10 19-24	1200 1550	0	1200 1550	1550	0		

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 January 2014 to 31st January 2014	00-17 23-24	3500	700	2800	286	2514		
	51st January 2014	17-23	3600	•	2900		2614		
	1st January 2014 to 21st January 2014	00-17 23-24	570	100	470	0	470		
21st January 2014	17-23	570		470		470			
	22nd January 2014	00-09 15-17 23-24	570	100	470	0	470		
		09-15'	530		430		430		
NER		17-23	570		470		470		
NEK	23rd January 2014	00-07 16-17 23-24	570	100	470	0	470		
		07-16'	530		430		430		
	24th January 2014 to 31st January 2014	17-23 00-17 23-24	570 570	100	470	0	470 470		
	318t January 2014	17-23	570		470		470		
WR									
SR*	1st January 2014 to 31st January 2014	00-17 23-24	2100	0	2100	197	1903		
1. F14. F		17-23	2100		2100		1903		

^{*} 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

Limiting	Constraints	
NR	Import	(n-1) contingency of 400 kV Kahalgaon-Biharshariff High loading of 765 kV Agra-Gwalior (1000 MW SPS setting on each circuit of 765 kV Gwalior-Agra)
NK	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 kV Kahalgaon-Biharshariff
NEK	Export	N-1 contingency of 400/220 kV, 2x315 MVA ICTs at Misa
SR	Import	 Commissioning of 765kV Raichur-Sholapur S/C Based on the operational experience after the synchronization of SR grid with NEW grid and due to inadvertent variation of 765kV Raichur-Sholapur line flow, observation of Low Frequency Oscillations (LFO) Considering transfer capability assessment by CTU on NEW-SR corridor.
	Export	

^{*}Primary constraints

Revision No	Date of Revision	Period of Revision	Reason for Revision	Corridor Affected
1	04/11/2013	Whole Month	Margin on NR-ER Corridor revised considering the LTA/MTOA on NR-ER Path	NR-ER
			Revised due to change in Load Generation in WR/NR	WR-NR
_	27/11/2010		Commissioning of 400 kV Purnea-Biharshariff D/C and Network reconfiguration at Malda & Purnea.	ER-NR/ER-NER
2	27/11/2013	Whoe Month	Change in Load Generation Balance in ER	ER-SR
			Revised due to change in Inter-Regional flow pattern and Load generation change in ER/WR.	W3 Zone Injection
3	23/12/2013	Whoe Month	Revised due to Commissioning of Kudankulam and NLC II EXP.	S1-S2
4	27/12/2013	Whoe Month	Revised due to Load Generation Balance	ER-SR
5	31/12/2013	01/01/2014	Revised due Outage of 400kV Purnea-Binaguri Ckt-I &II	ER-NER
		2nd to 3rd	Revised due to shutdown of 400kV Nellore-Alamathy & 400kV	
6	01/01/2014	Jan 2014	Alamathy-Sriperumbudur	S1-S2
0	01/01/2014	4th to 31st Jan 2014	Revised due to load generation balance.	31-32
7	02/01/2014	3rd Jan 2014	Revised due to Emergency Shut Down of 220 kV Agia-Sarusajai & 220 kV Boko-Sarusajai	ER-NER
8	03/01/2014	4th Jan 2014 - 31st Jan 2014	Revised due to shutdown of TEESTA Power Station	ER-NR
-	05/04/2044	7.1 . 2014	Revised due to shutdown of 400kV Sterlite-Raigarh Ckt-I	W3-ER
9	06/01/2014	7th Jan 2014	Revised due to emergency Shut Down of 220 kV Sarusajai- Agia	ER-NER
		8th Jan 2014	Revised due to shutdown of 400kV Maithon-Koderma D/C	ER-NR/ER-NER
10	07/01/2014	8th Jan 14 to 9th Jan 2014	Revised due to shutdown of 400kV Raigarh-Jharsuguda Ckt-1	W3-ER
11	07/01/2014	8th Jan 2014	Revised due to emergency shutdown of 400 kV Purena-Binaguri Ckt 3	ER-NER
		9th Jan'14	Revised due to shutdown of 400 kV Purena-Binaguri Ckt-4.	ER-NER
12	08/01/2014	9th Jan 14 to 31st Jan 14	Revised due to load generation balance.	ER-NR
13	09/01/2014	10-01-14 to 13- 01-14	Revised due to shutdown of Talcher-Kolar HVDC Pole-2 and Pole-1.	ER-SR
14	14/01/2014	15/01/2014	Revised due to emergency shutdown of 400kV Kahalgaon-Barh Ckt-1	ER-NR
14	14/01/2014	15-01-14 to 31- 01-14	Revised due to commissioning of 765kV Raichur-Sholapur S/C	ER-SR/WR-SR
15	21/01/2014	22-01-14 to 23- 01-14	Revised due to shutdown of Vindhyachal back-to-Back HVDC Block-1	WR-NR
		22/01/2014	Revised due to shutdown of 220 kV Balipara – Samaguri S/C .	NER-ER
		23/01/2014	Revised due to shutdown of 220 kV BTPS - Agia S/C	ER-NER/NER-ER
16	22/01/2014	24-Jan, 25-Jan and 27-01-14	Revised due to shutdown of Vindhyachal back-to-Back HVDC Block-2 on 24-Jan, 25-Jan and Bloack-1 &2 on 27th Jan 2014	WR-NR
17	23/01/2014	24/01/2014	Revised due to shutdown of 400kV Binaguri-Bongaigaon Ckt-1	ER-NER
			Revised due to shutdown of 400 kV Rengali-Indravati	ER-SR
18	27/01/2014	28/01/2014 to 31/01/2014	Revised due to shutdown of 400 kV Kahalgaon-Biharshariff D/C	ER-NR / ER-NER
19	27/01/2014	28/01/2014 to 30/01/2014	Revised due to shutdown of 400 kV Seoni-Bhilai	W3

ASSUMPTIONS IN BASECASE

Month: January '14

S.No. Name of State/Area Peak Load (MW) Off Peak Load (MW) Peak (MW) Off Peak (MW) I NORTHERN REGION I V V 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 Himachal Pradesh 1327 730 444 523 9 Chandigarh 224 118 0 0 10 ISGS/IPPs 16740 11303 35321 28988 II EASTERN REGION 1 4500 4837 3944 2 </th <th></th> <th></th> <th>Loa</th> <th>ad</th> <th>Gener</th> <th>ation</th>			Loa	ad	Gener	ation
Punjab	S.No.	Name of State/Area	Peak Load	Off Peak Load		Off Peak
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 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 33500 2200 2430 1699 4 Bihar 1820 1320 0 0 5 Damodar Valley Corporation 2600 2035 3439 3039 6 Sikkim 40 40	ı	NORTHERN REGION				
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 Uttarkhand 1543 902 713 340 8 Himachal Pradesh 1327 730 444 523 9 Chandigarh 224 118 0 0 0 10 ISGS/IPPs 16740 11303 200 11303 200 200 2035 200 2035 3944 20 16740 11303 3044 </td <td>1</td> <td>Punjab</td> <td>7000</td> <td>4924</td> <td>2546</td> <td>2351</td>	1	Punjab	7000	4924	2546	2351
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 Himachal Pradesh 1327 730 444 523 9 Chandigarh 224 118 0 0 0 0 16763 1699 16763 15466 15500 4366 2928 4 1655 1560 1500 4366 2928 4 1604 1006 100 10	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 2898 II EASTERN REGION 110 770 561 561 561 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	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
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 4900 4500 4837 3944 2 Jharkhand 1110 770 561 561 394 2 Jharkhand 1110 770 561 561 369 361 361 361 361 361 361 361 361 <td>5</td> <td>Uttar Pradesh</td> <td>11000</td> <td>10322</td> <td>6008</td> <td>5756</td>	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 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 486 2928 4 2	6	Jammu & Kashmir	1876	1185	584	429
9 Chandigarh 224 118 0 0 0 10 ISGS/IPPs 16740 11303 Total NR 39554 33100 35321 28988 II EASTERN REGION	7	Uttarakhand	1543	902	713	340
I	8	Himachal Pradesh	1327	730	444	523
I	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 0 </td <td></td> <td>Total NR</td> <td>39554</td> <td>33100</td> <td>35321</td> <td>28988</td>		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 0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
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	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 40 7 Bhutan 110 110 648 648 8 ISGS/IPPs 131 241 6494 6762 Total ER 14211 11216 18409 16653 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	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 40 448 448 448 448 448 448 448 448 448 448 448 449 4662 448 448 448 448 448 448 448 448 448 448 448 448 448 448 4	2	Jharkhand	1110	770	561	561
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 40 1065 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 <	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 WESTERN REGION VIII 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 Value 1065 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	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 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	7	Bhutan	110	110	648	648
III WESTERN REGION	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
18788	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
٧	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				
	Total All India	129059	105195	131164	107920