

**National Load Despatch Centre
Total Transfer Capability for June 2018**

Issue Date: 28th June 2018

Issue Time: 1130 hrs

Revision No. 23

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 June 2018 to 30th June 2018	00-06	2500	500	2000	100	1900			
		06-18				110	1890			
		18-24				100	1900			
WR-NR*	1st June 2018	00-08	9000	500	8500	9127	0			
			8050**		7550**	8177**	0**			
		08-24	10000		9500	9127	373			
			9050**	8550**	8177**	373**				
	2nd June 2018 to 5th June 2018	00-24	10000	9500	9127	373				
			9050**	8550**	8177**	373**				
	06th June 2018	00-24	9000	8500	9127	0				
			8050**	7550**	8177**	0**				
	7th June 2018	00-24	10000	9500	9127	373				
			9050**	8550**	8177**	373**				
	8th June 2018	00-24	11500	11000	9127	1873				
			10550**	10050**	8177**	1873**				
	9th June 2018	00-530'		11500	500	11000	9127	1873		
				10550**	10050**	8177**	1873**			
		530-12'		11000	500	10500	9127	1373		
				10050**	9550**	8177**	1373**			
	12-24'		11500	500	11000	9127	1873			
			10550**	10050**	8177**	1873**				
	10th June 2018 to 20th June 2018	00-24	11500	11000	9127	1873				
			10550**	10050**	8177**	1873**				
	21st June 2018	00-24	10000	9500	9127	373				
			9050**	8550**	8177**	373**				
	22nd June 2018 to 25th June 2018	00-24	10500	10000	9127	873				
			9550**	9050**	8177**	873**				
	26th June 2018 to 28th June 2018	00-24	10500	10000	9127	873				
			9550**	9050**	8177**	873**				
	29th June 2018	00-730	10500	10000	9127	873				
		9550**	9050**	8177**	873**					
730-24		9500	9000	9127	0	-1000	Revised due to shutdown of 765kV Phagi-Gwalior-1			
		8550**	8050**	8177**	0**					
30th June 2018	00-730'	12000	11500	9127	2373					
		11050**	10550**	8177**	2373**					
	730-24'	11000	10500	9127	1373	-1000	Revised due to shutdown of 765kV Phagi-Gwalior-1			
		10050**	9550**	8177**	1373**					
NR-ER*	1st June 2018 to 30th June 2018	00-06	2000	200	1800	193	1607			
		06-18	2000		1800	303	1497			
		18-24	2000		1800	193	1607			
ER-NR*	1st June 2018 to 30th June 2018	00-24	5250	300	4950	3407	1543			
W3-ER	1st June 2018 to 30th June 2018	00-24	No limit is being specified.							
ER-W3	1st June 2018 to 30th June 2018	00-24	No limit is being specified.							

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WR-SR	1st June 2018	00-07	5150	500	4650	4515	135			
		07-22	4150		3650		0			
		22-24	4150		3650		0			
	2nd June 2018	00-930	4150	500	3650	4515	0			
		930-18	3950		3450		0			
		18-24	4150		3650		0			
	3rd June 2018 to 09th June 2018	00-05	4150	500	3650	4515	0			
		05-22	4150		3650		0			
		22-24	4150		3650		0			
	10th June 2018 to 11th June 2018	00-05	5150	500	4650	4515	135			
		05-22	5150		4650		135			
		22-24	5150		4650		135			
	12th June 2018	00-05	5150	500	4650	4515	135			
		05-0730	5150		4650		135			
		0730-22	4800		4300		0			
		22-24	4800		4300		0			
WR-SR	13th June 2018 to 16th June 2018	00-05	5150	500	4650	4515	135			
		05-22	5150		4650		135			
		22-24	5150		4650		135			
	17th June 2018	00-730	5150	500	4650	4515	135			
		730-22	4750		4250		0			
		22-24	4750		4250		0			
	18th June 2018	00-05	4750	500	4250	4515	0			
		05-22	4750		4250		0			
		22-24	4750		4250		0			
	19th June 2018 to 25th June 2018	00-05	5150	500	4650	4515	135			
		05-22	5150		4650		135			
		22-24	5150		4650		135			
26th June 2018 to 27th June 2018	00-05	5150	500	4650	4515	135				
	05-0630	5150		4650		135				
	0630-22	4800		4300		0				
	22-24	4800		4300		0				
28th June 2018	00-09	5150	500	4650	4515	135				
	09-22	4900		4400		0				
	22-24	4900		4400		0				
29th June 2018 to 30th June 2018	00-05	5150	500	4650	4515	135				
	05-22	5150		4650		135				
	22-24	5150		4650		135				
SR-WR *	1st June 2018 to 30th June 2018	00-24	No limit is being Specified.							
ER-SR	1st June 2018 to 28th June 2018	00-06	4350	250	4100	3263	837			
		06-18				3348	752			
		18-24				3263	837			
	29th June 2018	00-06	4350	250	4100	3263	837			
		06-630				4350	3348	752		
		630-18				4050	3800	3348		452
		18-24				4050	3800	3263		537
	30th June 2018	00-06	4350	250	4100	3263	837			
		06-18				3348	752			
18-24		3263				837				
SR-ER *	1st June 2018 to 30th June 2018	00-24	No limit is being Specified.							

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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
ER-NER	1st June 2018	00-09	1200	45	1155	225	930		
		09-17	980		935		710		
		17-23	950		905		680		
		23-24	980		935		710		
	2nd June 2018	00-17	1200	45	1155	225	930		
		17-23	1100		1055		830		
		23-24	1200		1155		930		
	3rd June 2018	00-08	1200	45	1155	225	930		
		08-17	980		935		710		
		17-23	950		905		680		
		23-24	980		935		710		
	ER-NER	4th June 2018 to 9th June 2018	00-17	980	45	935	225	710	
17-23			950	905		680			
23-24			980	935		710			
10th June 2018		00-08	1200	45	1155	225	930		
		08-17	980		935		710		
		17-23	950		905		680		
		23-24	980		935		710		
11th June 2018 to 18th June 2018		00-17	980	45	935	225	710		
		17-23	950		905		680		
		23-24	980		935		710		
19th June 2018		00-08	1200	45	1155	225	930		
		08-17	980		935		710		
	17-23	950	905		680				
	23-24	980	935		710				
20th June 2018 to 30th June 2018	00-17	1200	45	1155	225	930			
	17-23	1100		1055		830			
	23-24	1200		1155		930			
	1st June 2018	00-09	1710	45	1665	0	1665		
		09-17	1600		1555		1555		
		17-23	1570		1525		1525		
		23-24	1600		1555		1555		
	2nd June 2018	00-17	1710	45	1665	0	1665		
		17-23	1760		1715		1715		
		23-24	1710		1665		1665		
	3rd June 2018	00-08	1710	45	1665	0	1665		
		08-17	1600		1555		1555		
		17-23	1570		1525		1525		
		23-24	1600		1555		1555		

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NER-ER	4th June 2018 to 9th June 2018	00-17	1600	45	1555	0	1555		
		17-23	1570		1525		1525		
		23-24	1600		1555		1555		
	10th June 2018	00-08	1710	45	1665	0	1665		
		08-17'	1600		1555		1555		
		17-23	1570		1525		1525		
		23-24	1600		1555		1555		
	11th June 2018 to 18th June 2018	00-17	1600	45	1555	0	1555		
		17-23	1570		1525		1525		
		23-24	1600		1555		1555		
	19th June 2018	00-08	1710	45	1665	0	1665		
		08-17	1600		1555		1555		
		17-23	1570		1525		1525		
		23-24	1600		1555		1555		
	20th June 2018 to 30th June 2018	00-17	1710	45	1665	0	1665		
		17-23	1760		1715		1715		
		23-24	1710		1665		1665		

W3 zone Injection	1st June 2018 to 30th June 2018	00-24	No limit is being specified (In case of any constraints appearing in the system, W3 zone export would be revised accordingly)						
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Note: TTC/ATC of S1-(S2&S3) corridor, Import of S3(Kerala), Import of Punjab and Import of DD & DNH is uploaded on NLDC website under Intra-Regional Section in Monthly ATC.

* 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).

**Considering 400 kV Rihand stage-III - Vindhyachal PS D/C line as inter-regional line for the purpose of scheduling, metering and accounting and 950 MW ex-bus generation in Rihand stage-III. Rihand Stage-III generation is considered as NR regional entity.

1) S1 comprises of Telangana, AP and Karnataka; S2 comprises of Tamil Nadu and Puducherry; S3 comprises Kerala

2) 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 o)RKM, p)GMR Raikheda, q)Ind Barath and any other regional entity generator in Chhattisgarh

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.

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 June 2018	00-08	12850	800	12050	12592	0		
			11900**		11100**		0**		
		08-18	14300		13500		908		
			13350**		12550**		908**		
		18-23	12800		12000		0		
	2nd June 2018 to 5th June 2018	18-23	11850**	11050**	0**				
		23-24	14300	13500	908				
			13350**	12550**	908**				
		00-18	14300	13500	908				
			13350**	12550**	908**				
	06th June 2018	18-23	12800	12000	0				
			11850**	11050**	0**				
		23-24	14300	13500	908				
			13350**	12550**	908**				
		00-18	12850	12050	0				
	07th June 2018		11900**	11100**	0**				
		18-23	11550	10750	0				
			10600**	9800**	0**				
		23-24	12850	12050	0				
			11900**	11100**	0**				
	08th June 2018	00-18	14300	13500	908				
			13350**	12550**	908**				
		18-23	12800	12000	0				
			11850**	11050**	0**				
23-24		14300	13500	908					
08th June 2018		13350**	12550**	908**					
	00-18	16400	15600	3008					
		15450**	14650**	3008**					
	18-23	14750	13950	1358					
		13800**	13000**	1358**					
	23-24	16400	15600	3008					
		15450**	14650**	3008**					

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	09th June 2018	00-530'	16400	800	15600	12592	3008		
			15450**		14650**		3008**		
		530-12'	15700		14900		2308		
			14750**		13950**		2308**		
		12-18'	16400		15600		3008		
			15450**		14650**		3008**		
	18-23	14750	13950	1358					
		13800**	13000**	1358**					
	23-24	16400	15600	3008					
		15450**	14650**	3008**					
	10th June 2018 to 20th June 2018	00-18	16400	15600	3008				
			15450**	14650**	3008**				
		18-23	14750	13950	1358				
	13800**		13000**	1358**					
	23-24	16400	15600	3008					
		15450**	14650**	3008**					
	21st June 2018	00-18	14250	13450	858				
			13300**	12500**	858**				
		18-23	12800	12000	0				
			13850**	11050**	0**				
	23-24	14250	13450	858					
		13300**	12500**	858**					
	22nd June 2018 to 25th June 2018	00-18	15000	14200	1608				
			14050**	13250**	1608**				
18-23		13450	12650	0					
		12500**	11700**	0**					
23-24	15000	14200	1608						
	14050**	13250**	1608**						
26th June 2018 to 28th June 2018	00-18	15000	14200	1608					
		14050**	13250**	1608**					
	18-23	13450	12650	0					
		12500**	11700**	0**					
23-24	15000	14200	1608						
	14050**	13250**	1608**						
29th June 2018	00-730	15000	14200	1608					
		14050**	13250**	1608**					
	730-18	13600	12800	208	-1400				
		12650**	11850**	208**					
18-23	12150	11350	0	-1300					
	11200**	10400**	0**						
23-24	13600	12800	208	-1400					
	12650**	11850**	208**						
30th June 2018	00-730	17100	16300	3708					
		16150**	15350**	3708**					
	730-18	15700	14900	2308	-1400				
		14750**	13950**	2308**					
18-23	14100	13300	708	-1300					
	13150**	12350**	708**						
23-24	15700	14900	2308	-1400					
	14750**	13950**	2308**						

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NER	1st June 2018	00-09	1200	45	1155	225	930			
		09-17	980		935		710			
		17-23	950		905		680			
		23-24	980		935		710			
	2nd June 2018	00-17	1200	45	1155	225	930			
		17-23	1100		1055		830			
		23-24	1200		1155		930			
	3rd June 2018	00-08	1200	45	1155	225	930			
		08-17	980		935		710			
		17-23	950		905		680			
		23-24	980		935		710			
	4th June 2018 to 9th June 2018	00-17	980	45	935	225	710			
		17-23	950		905		680			
		23-24	980		935		710			
	NER	10th June 2018	00-08	1200	45	1155	225	930		
			08-17'	980		935		710		
17-23			950	905		680				
23-24			980	935		710				
11th June 2018 to 18th June 2018		00-17	980	45	935	225	710			
		17-23	950		905		680			
		23-24	980		935		710			
19th June 2018		00-08	1200	45	1155	225	930			
		08-17	980		935		710			
		17-23	950		905		680			
		23-24	980		935		710			
20th June 2018 to 30th June 2018		00-17	1200	45	1155	225	930			
		17-23	1100		1055		830			
		23-24	1200		1155		930			
WR										
	1st June 2018	00-05	9500	750	8750	7778	972			
		05-06	9500		8750	7778	972			
		06-07	9500		8750	7863	887			
		07-18	8500		7750	7863	0			
		18-22	8500		7750	7778	0			
		22-24	8500		7750	7778	0			

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SR	2nd June 2018	00-05	8500	750	7750	7778	0		
		05-06	8500		7750	7778	0		
		06-930	8500		7750	7863	0		
		930-18	8300		7550	7863	0		
		18-22	8500		7750	7778	0		
		22-24	8500		7750	7778	0		
	3rd June 2018 to 09th June 2018	00-05	8500	750	7750	7778	0		
		05-06	8500		7750	7778	0		
		06-18	8500		7750	7863	0		
		18-22	8500		7750	7778	0		
		22-24	8500		7750	7778	0		
	10th June 2018 to 11th June 2018	00-05	9500	750	8750	7778	972		
		05-06	9500		8750	7778	972		
		06-18	9500		8750	7863	887		
		18-22	9500		8750	7778	972		
		22-24	9500		8750	7778	972		
	12th June 2018	00-05	9500	750	8750	7778	972		
		05-06	9500		8750	7778	972		
		06-0730	9500		8750	7863	887		
		0730-18	9150		8400	7863	537		
		18-22	9150		8400	7778	622		
		22-24	9150		8400	7778	622		
	13th June 2018 to 16th June 2018	00-05	9500	750	8750	7778	972		
		05-06	9500		8750	7778	972		
06-18		9500	8750		7863	887			
18-22		9500	8750		7778	972			
22-24		9500	8750		7778	972			
17th June 2018	00-05	9500	750	8750	7778	972			
	05-06	9500		8750	7778	972			
	06-730	9500		8750	7863	887			
	730-18	9100		8350	7863	487			
	18-22	9100		8350	7778	572			
	22-24	9100		8350	7778	572			

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SR	18th June 2018	00-05	9100	750	8350	7778	572		
		05-06	9100		8350	7778	572		
		06-18	9100		8350	7863	487		
		18-22	9100		8350	7778	572		
		22-24	9100		8350	7778	572		
	19th June 2018 to 25th June 2018	00-05	9500	750	8750	7778	972		
		05-06	9500		8750	7778	972		
		06-18	9500		8750	7863	887		
		18-22	9500		8750	7778	972		
		22-24	9500		8750	7778	972		
	26th June 2018 to 27th June 2018	00-05	9500	750	8750	7778	972		
		05-06	9500		8750	7778	972		
		06-630	9500		8750	7863	887		
		0630-18	9150		8400	7863	537		
		18-22	9150		8400	7778	622		
		22-24	9150		8400	7778	622		
	28th June 2018	00-05	9500	750	8750	7778	972		
		05-06	9500		8750	7778	972		
		06-09	9500		8750	7863	887		
		09-18	9250		8500	7863	637		
		18-22	9250		8500	7778	722		
		22-24	9250		8500	7778	722		
	29th June 2018	00-05	9500	750	8750	7778	972		
		05-06	9500		8750	7778	972		
		06-630	9500		8750	7863	887		
		630-18	9200		8450	7863	587	-300	Revised due to shutdown of 400kV Jeypore-Gazuwaka-1
		18-22	9200		8450	7778	672	-300	
		22-24	9200		8450	7778	672	-300	
30th June 2018	00-05	9500	750	8750	7778	972			
	05-06	9500		8750	7778	972			
	06-18	9500		8750	7863	887			
	18-22	9500		8750	7778	972			
	22-24	9500		8750	7778	972			

* 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).

**Considering 400 kV Rihand stage-III - Vindhyachal PS D/C line as inter-regional line for the purpose of scheduling, metering and accounting and 950 MW ex-bus generation in Rihand stage-III. Rihand Stage-III generation is considered as NR regional entity.

* For approving STOA Bilateral transactions, margin available in Simultaneous Import of NR would be apportioned on WR-NR Corridor & ER-NR Corridor in the following ratio:

Margin in Simultaneous import of NR = A

WR-NR ATC = B

ER-NR ATC = C

Margin for WR-NR applicants = $A * B / (B+C)$

Margin for ER-NR Applicants = $A * C / (B+C)$

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 June 2018 to 30th June 2018	00-06	4500	700	3800	248	3552		
		06-18			3800	368	3432		
		18-24	4500		3800	248	3552		
NER	1st June 2018	00-09	1710	45	1665	0	1665		
		09-17	1600		1555		1555		
		17-23	1570		1525		1525		
		23-24	1600		1555		1555		
	2nd June 2018	00-17	1710	45	1665	0	1665		
		17-23	1760		1715		1715		
		23-24	1710		1665		1665		
	3rd June 2018	00-08	1710	45	1665	0	1665		
		08-17	1600		1555		1555		
		17-23	1570		1525		1525		
		23-24	1600		1555		1555		
	4th June 2018 to 9th June 2018	00-17	1600	45	1555	0	1555		
		17-23	1570		1525		1525		
		23-24	1600		1555		1555		
	10th June 2018	00-08	1710	45	1665	0	1665		
		08-17	1600		1555		1555		
		17-23	1570		1525		1525		
		23-24	1600		1555		1555		
	11th June 2018 to 18th June 2018	00-17	1600	45	1555	0	1555		
		17-23	1570		1525		1525		
		23-24	1600		1555		1555		
	19th June 2018	00-08	1710	45	1665	0	1665		
		08-17	1600		1555		1555		
		17-23	1570		1525		1525		
23-24		1600	1555		1555				
20th June 2018 to 30th June 2018	00-17	1710	45	1665	0	1665			
	17-23	1760		1715		1715			
	23-24	1710		1665		1665			
WR									
SR *	1st June 2018 to 30th June 2018	00-24	No limit is being Specified.						

* 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 (Corridor wise)

		Applicable Revisions
Corridor	Constraint	
NR-WR	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak	Rev-0 to 23
WR-NR	(n-1) Contingency of 765kV Gwalior-Agra one ckt leads to 2750 MW loading on second circuit.	Rev-0 to 3
	(n-1) Contingency of 765kV Aligarh-Jhatikara leads to 2500 MW loading on 765kV Aligarh-Greater Noida.	Rev- 4 to 6 & Rev-13,15-23
	(n-1) contingency of 765/400 kV Agra ICT leads to high loading on other ICT	Rev-6 to 12
	(n-1) Contingency of 765kV Gwalior-Satna ckt leads to 2750 MW loading on 765kV Satna-Orai Ckt	Rev-14
	Restriction on Mundra Mahindragarh power flow due to high loading on 765/400 kV Vadodara ICTs	Rev-6 to 13
	Frequent outage of HVDC Champa - Kurukshetra poles	Rev-0 to 23
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	Rev-0 to 23
ER-NR	1. N-1 contingencies of 400 kV Mejia-Maithon A S/c 2. N-1 contingencies of 400 kv Kahalgaon-Banka S/c 3. N-1 contingencies of 400kV MPL- Maithon S/C	Rev-0 to 23
WR-SR and ER-SR	a. (n-1) contingency of one ckt of 765 kV Wardha-Nizamabad D/C will lead to 874 MW loading on 400kV Vemagiri(PG)-Gazuwaka (When 400kV Vemagiri(PG)-Nunna S/C is not in service) b. (n-1) contingency of 400 kV Vemagiri - Vijaywada S/C will lead to high loading (874 MW) on 400 kV Vemagiri - Gazuwaka S/C (When 400 kV Vemagiri(PG) - Nunna S/C in kept in service)	Rev-0
	Low Voltage at Gazuwaka (East) Bus.	Rev-0 to 23
	n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG) will lead to overloading of the second ICT	Rev-0 to 23
ER-NER	a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa b. High loading of 220 kV Balipara-Sonabil line(200 MW)	Rev-0 to 10
	a. (n-1) contingency of 400kV Azara-Bonagaigaon S/c b. High loading of 220 kV Balipara-Sonabil line(200 MW)	Rev-11-14
	a) N-1 contingency of 400 kV Bongaigaon- Byrnihat S/C High Loading of Balipara- Sonabil (200 MW) b)	Rev-15,16-23
	(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa	Rev-0 to 10
NER-ER	a. (n-1) contingency of 400kV Azara-Bonagaigaon S/c b. High loading of 220 kV Balipara-Sonabil line(200 MW)	Rev-11-14
	a) N-1 contingency of 400 kV Bongaigaon- Byrnihat S/C b) High Loading of of 400/220 kV, 2x315 MVA ICTs at Misa	Rev-15-23
W3 zone Injection	---	

Limiting Constraints (Simultaneous)

		Applicable Revisions	
NR	Import	1. N-1 contingencies of 400 kV Mejia-Maithon A S/c 2. N-1 contingencies of 400 kV Kahalgaon-Banka S/c 3. N-1 contingencies of 400 kV MPL- Maithon S/c	Rev-0 to 13
		(n-1) Contingency of 765kV Gwalior-Agra one ckt leads to 2750 MW loading on second circuit.	Rev-0 to 3
		(n-1) Contingency of 765kV Aligarh-Jhatikara leads to 2500 MW loading on 765kV Aligarh-Greater Noida.	Rev-4 to 6 & Rev-13,15-23
		(n-1) contingency of 765/400 kV Agra ICT leads to high loading on other ICT	Rev-6 to 12
		(n-1) Contingency of 765kV Gwalior-Satna ckt leads to 2750 MW loading on 765kV Satna-Orai Ckt	Rev-14
		Restriction on Mundra Mahindragarh power flow due to high loading on 765/400 kV Vadodara ICTs	Rev-6 to 13
		Frequent outage of HVDC Champa - Kurukshetra poles	Rev-0 to 23
	Export	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. (n-1) contingency of 400 kV Saranath-Pusauli	Rev-0 to 23
NER	Import	a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa b. High loading of 220 kV Balipara-Sonabil line(200 MW)	Rev-0 to 14
		a) N-1 contingency of 400 kV Bongaigaon- Byrnihat S/C High Loading of Balipara- Sonabil (200 MW) b)	Rev- 15-23
		(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa	Rev-0 to 14
	Export	a) N-1 contingency of 400 kV Bongaigaon- Byrnihat S/C b) High Loading of of 400/220 kV, 2x315 MVA ICTs at Misa	Rev- 15-23
SR	Import	a. (n-1) contingency of one ckt of 765 kV Wardha-Nizamabad D/C will lead to 874 MW loading on 400kV Vemagiri(PG)-Gazuwaka (When 400kV Vemagiri(PG)-Nunna S/C is not in service) b. (n-1) contingency of 400 kV Vemagiri - Vijaywada S/C will lead to high loading (874 MW) on 400 kV Vemagiri - Gazuwaka S/C (When 400 kV Vemagiri(PG) - Nunna S/C in kept in service)	Rev-0
		Low Voltage at Gazuwaka (East) Bus.	Rev-0 to 23
		n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG) will lead to overloading of the second ICT	Rev-1 to 23

**National Load Despatch Centre
Total Transfer Capability for June 2018**

Revision No	Date of Revision	Period of Revision	Reason for Revision	Corridor Affected
1	23rd March 2018	Whole Month	<p>1. Revised due to commissioning/ reconfiguration of following lines: (a) Commissioning of 400kV Vijaywada(PG)-Vemagiri (PG) Ckt 2 & 3 (b) Commissioning of 400kV Vemagiri (PG)-Vemagiri (AP) 1 & 2 (c) Vemagiri (AP) end of 400 kV Simhadri II - Vemagiri (AP)- ckt 1 & 2 moved to 400 kV Vemagiri (PG)</p> <p>2. With the commissioning/ reconfiguration of above lines, TTC/ATC for Import of SR remains unchanged however the relative sensitivity of ER-SR and WR-SR to net import of SR has changed. The limiting constraint which was earlier (n-1) contingency of one ckt of 765 kV Wardha-Nizamabad D/C and (n-1) contingency of 400 kV Vemagiri - Vijaywada S/C has also shifted to n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG).</p>	ER-SR/WR-SR
2	27th Mar 2018	Whole month	Revised STOA margin due to 200 MW LTA from Bokaro TPS-A of DVC to PSPCL	ER-NR/Import of NR
3	2nd April 2018	Whole month	Revised STOA margins due to change in allocation from WR-ISGS to J&K, to WR ISGS to Gujarat	WR-NR/Import of NR
4	26th April 2018	Whole month	<p>Revised considering (a) newly commissioned 765kV Jabalpur-Orai D/C, Orai-Aliagarh D/C, LILLO 765kV Satna-Gwalior-1 S/C at Orai, 2*1000MVA 765/400kV Orai ICTs, 400kV Orai PG- Orai UP D/C, LILLO of 765kV Kanpur-Jhatikara S/C at Aligarh, LILLO of 765kV Agra-Greater Noida at Aligarh and (b) due to restriction on power order of HVDC Mundra - Mahindragarh bipole due to low generation at APL Mundra</p>	WR-NR/Import of NR
5	11th May 2018	Whole Month	Revised STOA margins due to operationalization of 174 MW LTA from Teesta-III HEP to UP discoms w.e.f. 12th May 2018	ER-NR/Import of NR
6	28th May 2018	Whole Month	<p>Revised due to: (a) Forced outage of (i) 765 kV Agra-Gwalior-S/C (ii) 765 kV Agra Aligarh S/C. (iii) 765 kV Agra-Jhatikara S/C (b) Restriction on Mundra Mohindragarh power flow due to high loading on 765/400 kV Vadodara ICTs (c) Frequent outage of HVDC Champa Kurukshetra Pole (d) Change in STOA margin due to relinquishment of 52 MW MTOA</p>	WR-NR/Import of NR
			Revised STOA margins due to change in LTA	ER-NR/Import of NR
			Revised STOA margins due to change in LTA	ER-SR/Import of SR
			Revised STOA margins due to change in LTA	NR-WR
7	30th May 2018	01st June 18 to 09th June 18	Revised due to Continuous shutdown of 400kV Ramagundam-Chandrapur-1 and 2	WR-SR/Import of SR

8	31st May 2018	01st June 18	Revised due to daytime shutdown of 400 kV Bongaigaon-Azara S/C	ER-NER/NER-ER/Import/Export of NER
		Whole Month	Revised due to change in load - generation pattern of NER and addition of Pare HEP (2*55 MW)	ER-NER/NER-ER/Import/Export of NER
9	31st May 2018	01st June 18	Revised due to Emergency outage of 1 Pole of HVDC Champa - Kurukshetra due to leakage in voltage divider at Kurukshetra	WR-NR/Import of NR
10	01st June 18	02nd June 18	Revised due to shutdown of 765/400kV ICT-1 at Maheshwaram	WR-SR/Import of SR
11	03rd June 18	09th June 18	Revision due to S/D of 400kV Bongaigaon-Byrnihat S/C	ER-NER/NER-ER/Import/Export of NER
12	05th June 18	06th June 18	Due to Continuous forced outage of HVDC Champa-Kurukshetra Pole-2	WR-NR/Import of NR
13	07th June 18	08th June 18 to 30th June 2018	Revised due to (a) Restoration of : 1. 765 kV Agra-Jhatikara S/C 2. 765 kV Agra-Aligarh S/C 3. 765 kV Kanpur Varanasi D/C 4. 7656 kV Bhiwani Jhatikara S/C and (b) considering revised Mundra-Mohindragarh power order due to revival of additional Mundra U#9	WR-NR/Import of NR
14	08th June 18	09th June 18	Revised due to emergency shutdown of 765kV Jabalpur-Orai-I	WR-NR/Import of NR
15	9th June 18	10th June 18 to 18th June 2018	Revised due to continuous Shutdown of 400 kV Bongaigaon-Azara S/C	ER-NER/NER-ER/Import/Export of NER
16	11th June 18	12th June 18	Revised due to Shutdown of 765 kV Raichur-Sholapur-1 line	WR-SR/Import of SR
17	15th June 18	17th June 18 to 18th June 2018	Revised due to shutdown of 765kV Durg-Wardha-3 and 4 on continuous basis	WR-SR/Import of SR
18	18th June 18	19th June 18	Revised due to daytime Shutdown of 400 kV Bongaigaon-Azara S/C	ER-NER/NER-ER/Import/Export of NER
19	21st June'18	22nd June'18 to 25th June'18	Revised due to (a) Revival of generation at APL Mundra and CGPL Mundra, and restoration of power order on HVDC Mundra - Mahindragarh Bipole, (b) Forced outage of HVDC Champa - Kurukshetra Pole-1 because of bushing failure	WR-NR / Import of NR
		26th June'18 to 30th June'18	Revised due to revival of generation at APL Mundra and CGPL Mundra, and restoration of power order on HVDC Mundra - Mahindragarh Bipole	
20	25th June 18	26 th June 18 & 28th June 18	Revised due to Forced outage of HVDC Champa - Kurukshetra Pole-1 because of bushing failure	WR-NR/Import of NR
		26 th June 18 & 27th June 18	Revised due to Shutdown of 765 kV Raichur-Sholapur-2 line	WR-SR/Import of SR
21	26th June 18	28th June 18	Revised due to shutdown of 765kV Nizamabad-Maheshwaram-1	WR-SR/Import of SR
22	27th June 18	29 th June 18	Revised due to Forced outage of HVDC Champa - Kurukshetra Pole-1 because of bushing failure	WR-NR/Import of NR
		29 th June 18	Revised due to shutdown of 400kV Jeypore-Gazuwaka-1	ER-SR/Import of SR
23	28th June 18	29th June 18 & 30th June 18	Revised due to shutdown of 765kV Phagi-Gwalior-1	WR-NR/Import of NR

ASSUMPTIONS IN BASECASE					
				Month : June'18	
S.No.	Name of State/Area	Load		Generation	
		Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)
I	NORTHERN REGION				
1	Punjab	9707	9255	5080	5139
2	Haryana	7845	7675	2070	2070
3	Rajasthan	10903	10986	6590	6590
4	Delhi	6209	6317	979	979
5	Uttar Pradesh	17071	16516	9906	9869
6	Uttarakhand	2141	1443	1086	970
7	Himachal Pradesh	1467	785	671	477
8	Jammu & Kashmir	2576	2095	927	919
9	Chandigarh	318	220	0	0
10	ISGS/IPPs	25	25	20852	18422
	Total NR	58263	55317	48161	45435
II	EASTERN REGION				
1	Bihar	4191	2611	310	220
2	Jharkhand	1141	864	364	280
3	Damodar Valley Corporation	2804	2491	5264	3725
4	Orissa	3987	3155	3015	2450
5	West Bengal	8786	5468	5340	3720
6	Sikkim	85	85	0	0
7	Bhutan	214	220	784	582
8	ISGS/IPPs	264	258	11528	9399
	Total ER	21472	15151	26605	20377
III	WESTERN REGION				
1	Maharashtra	15689	15068	10238	9681
2	Gujarat	13522	13370	8045	9316
3	Madhya Pradesh	7995	6892	2889	3127
4	Chattisgarh	3509	3177	2230	2230
5	Daman and Diu	237	300	0	0
6	Dadra and Nagar Haveli	674	764	0	0
7	Goa-WR	474	326	0	0
8	ISGS/IPPs	3553	3411	39400	34704
	Total WR	45653	43308	62801	59058

S.No.	Name of State/Area	Load		Generation	
		Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)
IV	SOUTHERN REGION				
1	Andhra Pradesh	8636	8691	6402	3978
2	Telangana	7593	5803	3899	2983
3	Karnataka	9129	6068	6560	5033
4	Tamil Nadu	14945	13659	7857	7451
5	Kerala	3635	2109	1482	129
6	Pondy	376	374	0	0
7	Goa-SR	85	84	0	0
8	ISGS/IPPs	0	0	11925	10693
	Total SR	44398	36788	38125	30267
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	137	74	0	0
2	Assam	1278	1084	228	116
3	Manipur	171	87	0	0
4	Meghalaya	281	196	192	66
5	Mizoram	102	69	8	8
6	Nagaland	122	83	22	12
7	Tripura	242	149	78	78
8	ISGS/IPPs	141	100	1995	1773
	Total NER	2475	1844	2523	2053
	Total All India	172704	152805	179054	157811