

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

Issue Date: 26th October 2018

Issue Time: 2100 hrs

Revision No. 16

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 2018 to 31st October 2018	00-06	2500	500	2000	195	1805		
		06-18				250	1750		
		18-24				195	1805		
WR-NR*	1st October 2018 to 5th October 2018	00-24	12250 11300**	500	11750 10800**	9085 8135**	2665 2665**		
	6th October 2018 to 31st October 2018	00-24	12250 11775**	500	11750 11275**	8610 8135**	3140 3140**		
NR-ER*	1st October 2018 to 31st October 2018	00-06	2000	200		1800	193	1607	
		06-18	2000			1800	303	1497	
		18-24	2000			1800	193	1607	
ER-NR*	1st October 2018 to 31st October 2018	00-24	5250	300	4950	3867	1083		
W3-ER	1st October 2018 to 31st October 2018	00-24	No limit is being specified.						
ER-W3	1st October 2018 to 31st October 2018	00-24	No limit is being specified.						
WR-SR	1st October 2018 to 11th October 2018	00-05	5150	500		4650	4535	115	
		05-22	5150			4650		115	
		22-24	5150			4650		115	
	12th October 2018	00-05	7500	750		6750	4535	2215	
		05-22	7500			6750		2215	
		22-24	7500			6750		2215	
	13th October 2018	00-05	6000	500		5500	4535	965	
		05-22	6000			5500		965	
		22-24	6000			5500		965	
	14th October 2018	00-05	6000	500		5500	4535	965	
		05-22	6000			5500		965	
		22-24	6000			5500		965	
	15th October 2018 to 17th October 2018	00-05	6000	500		5500	4535	965	
		05-22	6000			5500		965	
		22-24	6000			5500		965	
	18th October 2018 to 20th October 2018	00-05	6000	500		5500	4535	965	
		05-22	6000			5500		965	
		22-24	6000			5500		965	
	21st October 2018 to 31st October 2018	00-05	5150	500		4650	4535	115	
		05-22	5150			4650		115	
		22-24	5150			4650		115	
	22nd October 2018 to 26th October 2018	00-05	5150	500		4650	4535	115	
		05-22	5150			4650		115	
		22-24	5150			4650		115	
27th October 2018	00-05	5150	500		4650	4535	115		
	05-930	5150			4650		115		
	930-22	4900			4400		0		
	22-24	4900			4400		0		

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	28th October 2018	00-05	5150	500	4650	4535	115		Revised as Shutdown of 765k Nizamabad-Maheshwaram will not be avalied.			
		05-930	5150		4650		115					
		930-22	5150		4650		115	250				
		22-24	5150		4650		115	250				
<b>WR-SR</b>	29th October 2018 to 31st October 2018	00-05	5150	500	4650	4535	115					
		05-22	5150		4650		115					
		22-24	5150		4650		115					
<b>SR-WR *</b>	1st October 2018 to 31st October 2018	00-24	No limit is being Specified.									
<b>ER-SR</b>	1st October 2018 to 04th October 2018	00-06	4350	250	4100	2762	1338					
		06-18						2847		1253		
		18-24						2762		1338		
<b>ER-SR</b>	5th October 2018 to 8th October 2018	00-06	4350	250	4100	2762	1338					
		06-830						4350		4100	2847	1253
		830-18						4050		3800	2847	953
		18-24						4050		3800	2762	1038
	9th October 2018 to 11th October 2018	00-06	4350	250	4100	2762	1338					
		06-18						2847		1253		
		18-24						2762		1338		
	12th October 2018	00-06	0	250	0	2762	0					
		06-18						2847		0		
		18-24						2762		0		
	13th October 2018	00-06	500	250	250	2762	0					
		06-18						2847		0		
18-24		2762						0				
14th October 2018	00-06	500	250	250	2762	0						
	06-18						2847		0			
	18-24						2762		0			
15th October 2018 to 17th October 2018	00-06	500	250	250	2762	0						
	06-18						2847		0			
	18-24						2762		0			
18th October 2018	00-06	500	250	250	2762	0						
	06-12						2847		0			
	12-18	2500		2250	2847	0						
	18-24						2762		0			
19th October 2018 to 20th October 2018	00-06	2500	250	2250	2762	0						
	06-18						2847		0			
	18-24						2762		0			
21st October 2018	00-06	4350	250	4100	2762	1338						
	06-18						2847		1253			
	18-24						2762		1338			
22nd October 2018 to 27th October 2018	00-06	4350	250	4100	2762	1338						
	06-18						2847		1253			
	18-24						2762		1338			
28th October 2018 to 29th October 2018	00-05'	4350	250	4100	2762	1338		Revised Due to shutdown of HVDC Talcher-Kolar Bipole for normalisation at normal tower from ERS tower				
	05-06'						2350		2100	2762	0	-2000
	06-18						2350		2100	2847	0	-2000
	18-24						2350		2100	2762	0	-2000
30th October 2018 to 31st October 2018	00-06	4350	250	4100	2762	1338						
	06-18						2847		1253			
	18-24						2762		1338			
<b>SR-ER *</b>	1st October 2018 to 31st October 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 October 2018 to 03rd October 2018	00-17	1250	45	1205	225	980			
		17-23	1160		1115		890			
		23-24	1250		1205		980			
	4th October 2018	00-09'	1250	45	1205	225	980			
		09-17'	1030		985		760			
		17-23	930		885		660			
		23-24	1030		985		760			
	5th October 2018 to 09th October 2018	00-17	1250	45	1205	225	980			
		17-23	1160		1115		890			
		23-24	1250		1205		980			
	ER-NER	10th October 2018	00-08	1250	45	1205	225	980		
			08-17	980		935		710		
17-23			890	845		620				
23-24			980	935		710				
11th October 2018 to 21st October 2018		00-17	1250	45	1205	225	980			
		17-23	1160		1115		890			
		23-24	1250		1205		980			
22nd October 2018		00-08	1250	45	1205	225	980			
		08-17	980		935		710			
		17-23	890		845		620			
		23-24	980		935		710			
23rd October 2018 to 31st October 2018		00-17	1250	45	1205	225	980			
	17-23	1160	1115		890					
	23-24	1250	1205		980					
NER-ER	1st October 2018 to 03rd October 2018	00-17	1750	45	1705	0	1705			
		17-23	1890		1845		1845			
		23-24	1750		1705		1705			
	4th October 2018	00-09'	1750	45	1705	0	1705			
		09-17'	1370		1325		1325			
		17-23	1480		1435		1435			
		23-24	1370		1325		1325			
	5th October 2018 to 09th October 2018	00-17	1750	45	1705	0	1705			
		17-23	1890		1845		1845			
		23-24	1750		1705		1705			
	10th October 2018	00-08	1750	45	1705	0	1705			
		08-17	1410		1365		1365			
		17-23	1470		1425		1425			
		23-24	1410		1365		1365			
	11th October 2018 to 21st October 2018	00-17	1750	45	1705	0	1705			
		17-23	1890		1845		1845			
		23-24	1750		1705		1705			
	22nd October 2018	00-08	1750	45	1705	0	1705			
		08-17	1410		1365		1365			
		17-23	1470		1425		1425			
		23-24	1410		1365		1365			
	23rd October 2018 to 31st October 2018	00-17	1750	45	1705	0	1705			
		17-23	1890		1845		1845			
		23-24	1750		1705		1705			
<b>W3 zone Injection</b>	1st October 2018 to 31st October 2018	00-24	No limit is being specified (In case of any constraints appearing in the system, W3 zone export would be revised accordingly)							

**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.

Considering outage of Rihand-III unit 1 due to AMP work, ex-bus generation is being taken as 475 MW from 6th Oct'18 till 31st Oct'18.

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
<b>ER</b>									
<b>NR</b>	1st October 2018 to 5th October 2018	00-05	16350	800	15550	12952	2598		
			15400**		14600**		2598**		
		05-18	17500		16700		3748		
			16550**		15750**		12002**		
		18-24	16350		15550		2598		
			15400**		14600**		2598**		
	6th October 2018 to 31st October 2018	00-05	16350	800	15550	12477	3073	12002**	3073
			15875**		15075**		3073**		
		05-18	17500		16700		4223		
			17025**		16225**		4223**		
		18-24	16350		15550		3073		
			15875**		15075**		3073**		
<b>NER</b>	1st October 2018 to 3rd October 2018	00-17	1250	45	1205	225	980		
		17-23	1160		1115		890		
		23-24	1250		1205		980		
	4th October 2018	00-09'	1250	45	1205	225	980		
		09-17'	1030		985		760		
		17-23	930		885		660		
		23-24	1030		985		760		
	5th October 2018 to 09th October 2018	00-17	1250	45	1205	225	980		
		17-23	1160		1115		890		
		23-24	1250		1205		980		
	10th October 2018	00-08	1250	45	1205	225	980		
		08-17	980		935		710		
		17-23	890		845		620		
		23-24	980		935		710		
	11th October 2018 to 21st October 2018	00-17	1250	45	1205	225	980		
		17-23	1160		1115		890		
		23-24	1250		1205		980		
	22nd October 2018	00-08	1250	45	1205	225	980		
		08-17	980		935		710		
		17-23	890		845		620		
		23-24	980		935		710		
	23rd October 2018 to 31st October 2018	00-17	1250	45	1205	225	980		
		17-23	1160		1115		890		
		23-24	1250		1205		980		
<b>WR</b>									
	1st October 2018 to 4th October 2018	00-05	9500	750	8750	7298	1452		
		05-06	9500		8750	7298	1452		
		06-18	9500		8750	7383	1367		
		18-22	9500		8750	7298	1452		
		22-24	9500		8750	7298	1452		

<b>SR</b>	5th October 2018 to 8th October 2018	00-05	9500	750	8750	7298	1452	
		05-06	9500		8750	7298	1452	
		06-830	9500		8750	7383	1367	
		830-18	9200		8450	7383	1067	
		18-22	9200		8450	7298	1152	
		22-24	9200		8450	7298	1152	
<b>SR</b>	9th October 2018 to 11th October 2018	00-05	9500	750	8750	7298	1452	
		05-06	9500		8750	7298	1452	
		06-18	9500		8750	7383	1367	
		18-22	9500		8750	7298	1452	
		22-24	9500		8750	7298	1452	
	12th October 2018	00-05	7500	750	6750	7298	0	
		05-06	7500		6750	7298	0	
		06-18	7500		6750	7383	0	
		18-22	7500		6750	7298	0	
		22-24	7500		6750	7298	0	
	13th October 2018	00-05	6500	750	5750	7298	0	
		05-06	6500		5750	7298	0	
		06-18	6500		5750	7383	0	
		18-22	6500		5750	7298	0	
		22-24	6500		5750	7298	0	
	14th October 2018	00-05	6500	750	5750	7298	0	
		05-06	6500		5750	7298	0	
		06-18	6500		5750	7383	0	
		18-22	6500		5750	7298	0	
		22-24	6500		5750	7298	0	
15th October 2018 to 17th October 2018	00-05	6500	750	5750	7298	0		
	05-06	6500		5750	7298	0		
	06-18	6500		5750	7383	0		
	18-22	6500		5750	7298	0		
	22-24	6500		5750	7298	0		
18th October 2018	00-06	6500	750	5750	7298	0		
	06-12	6500		5750	7383	0		
	12-18	8500		7750	7383	367		
	18-24	8500		7750	7298	452		
19th October 2018 to 20th October 2018	00-06	8500	750	7750	7298	452		
	06-18	8500		7750	7383	367		
	18-24	8500		7750	7298	452		
21 st October 2018	00-05	9500	750	8750	7298	1452		
	05-06	9500		8750	7298	1452		
	06-18	9500		8750	7383	1367		
	18-22	9500		8750	7298	1452		
	22-24	9500		8750	7298	1452		

SR	22nd October 2018 to 26th October 2018	00-05	9500	750	8750	7298	1452		
		05-06	9500		8750	7298	1452		
		06-18	9500		8750	7383	1367		
		18-22	9500		8750	7298	1452		
		22-24	9500		8750	7298	1452		
	27th October 2018	00-05	9500	750	8750	7298	1452		
		05-06	9500		8750	7298	1452		
		06-930	9500		8750	7383	1367		
		930-18	9250		8500	7383	1117		
		18-22	9250		8500	7298	1202		
		22-24	9250		8500	7298	1202		
	28th October 2018 and 29th October 2018	00-05	9500	750	8750	7298	1452		
		05-06	7500		6750	7298	0	-2000	
		06-930	7500		6750	7383	0	-2000	
		930-18	7500		6750	7383	0	-2000	
		18-22	7500		6750	7298	0	-2000	
		22-24	7500		6750	7298	0	-2000	
	30th October 2018 to 31st October 2018	00-05	9500	750	8750	7298	1452		
		05-06	9500		8750	7298	1452		
		06-18	9500		8750	7383	1367		
18-22		9500	8750		7298	1452			
22-24		9500	8750		7298	1452			

\* 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 - Vindhyaachal 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.

Considering outage of Rihand-III unit 1 due to AMP work, ex-bus generation is being taken as 475 MW from 6th Oct'18 till 31st Oct'18.

\* 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 October 2018 to 31st October 2018	00-06	4500	700	3800	388	3412		
		06-18			3800	553	3247		
		18-24	4500		3800	388	3412		
NER	1st October 2018 to 3rd October 2018	00-17	1750	45	1705	0	1705		
		17-23	1890		1845		1845		
		23-24	1750		1705		1705		
	4th October 2018	00-09'	1750	45	1705	0	1705		
		09-17'	1370		1325		1325		
		17-23	1480		1435		1435		
		23-24	1370		1325		1325		
	5th October 2018 to 09th October 2018	00-17	1750	45	1705	0	1705		
		17-23	1890		1845		1845		
		23-24	1750		1705		1705		
	10th October 2018	00-08	1750	45	1705	0	1705		
		08-17	1410		1365		1365		
		17-23	1470		1425		1425		
		23-24	1410		1365		1365		
	11th October 2018 to 21st October 2018	00-17	1750	45	1705	0	1705		
		17-23	1890		1845		1845		
		23-24	1750		1705		1705		
	22nd October 2018	00-08	1750	45	1705	0	1705		
		08-17	1410		1365		1365		
		17-23	1470		1425		1425		
		23-24	1410		1365		1365		
	23rd October 2018 to 31st October 2018	00-17	1750	45	1705	0	1705		
		17-23	1890		1845		1845		
		23-24	1750		1705		1705		
WR									
SR *	1st October 2018 to 31st October 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)

Corridor	Constraint	Applicable Revisions
<b>NR-WR</b>	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak	Rev-0 to 16
<b>WR-NR</b>	(n-1) Contingency of 765kV Aligarh-Jhatikara leads to 2500 MW loading on 765kV Aligarh-Greater Noida.	Rev- 0 to 16
	Frequent tripping of HVDC Champa - Kurukshetra poles	Rev-0 to 16
<b>NR-ER</b>	(n-1) contingency of 400 kV Saranath-Pusauli	Rev-0 to 16
<b>ER-NR</b>	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 16
<b>WR-SR and ER-SR</b>	n-1 contingency of 2x315 MVA,400/220 kV ICTs at Mardam will lead to overloading of the second ICT	Rev-2 to 6, 13,15-16
	Low Voltage at Gazuwaka (East) Bus.	Rev-0 to 16
<b>WR-SR</b>	1. (N-1) contingency of 765kV one ICT at Maheswaram will lead to 1500 MW loading of Other ICT. 2. Simultaneous outage of one ckt of 765kV Wardha-Nizamabad and One 765kV ICT Maheshwaram may lead to transient angular instability	Rev-7-12
<b>ER-NER</b>	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 16
<b>NER-ER</b>	(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa	Rev-0 to 16
<b>W3 zone Injection</b>	---	Rev-0 to 16

### Limiting Constraints (Simultaneous)

		Constraint	Applicable Revisions
<b>NR</b>	<b>Import</b>	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 16
		(n-1) Contingency of 765kV Aligarh-Jhatikara leads to 2500 MW loading on 765kV Aligarh-Greater Noida.	Rev-0 to 16
		Frequent tripping of HVDC Champa - Kurukshetra poles	Rev-0 to 16
	<b>Export</b>	(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 16
<b>NER</b>	<b>Import</b>	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 16
	<b>Export</b>	(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa	Rev-0 to 16
<b>SR</b>	<b>Import</b>	1. (N-1) contingency of 765kV one ICT at Maheswaram will lead to 1500 MW loading of Other ICT. 2. Simultaneous outage of one ckt of 765kV Wardha-Nizamabad and One 765kV ICT Maheshwaram may lead to transient angular instability	Rev-7-12
		n-1 contingency of 2x315 MVA,400/220 kV ICTs at Mardam will lead to overloading of the second ICT	Rev- 2 to 6 , 13,15-16
	<b>Import</b>	Low Voltage at Gazuwaka (East) Bus.	Rev-0 to 16



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

Revision No	Date of Revision	Period of Revision	Reason for Revision/Comment	Corridor Affected
1	1st August 2018	Whole Month	Revised STOA margins due to: (a) 40 MW allocation to MP from NR ISGS (b) 100 MW allocation to Chattisgarh from Kishanganga NR	NR-WR/Export of NR
			Revised STOA margin due to change in LTA/MTOA	WR-NR/ER-NR/Import of NR
			Revised STOA margins due to revocation of 500 MW LTA from Ind-bharat	ER-SR/Import of SR
2	27th September	Whole Month	Revised STOA margin due to change in LTA/MTOA	WR-NR/Import/Export of NR
			Revised due to change in load generation balance and network conditions and change in pattern of inter-regional flow towards NR	WR-NR/Import of NR
3	02nd October 2018	04th October 2018	Revised due to shutdown of 400 kV Bongaigaon -Byrnihat Line	ER-NER/NER-ER/NER Export/Import
4	03rd October 2018	05th October 2018 to 08th October 2018	Revised due to shutdown of 400kV Jeypore-Gazuwaka-II and I (two days each) on daily basis	ER-SR/Import of SR
5	5th October 2018	06th October 2018 to 31st October 2018	Revised STOA margin due to outage of Rihand-III #1 on account of AMP work	WR-NR/Import of NR
6	9th October 2018	10th October 2018	Revised due to Shutdown of 400 kV Bongaigaon -Azara Line.	ER-NER/NER-ER/NER Export/Import
7	11th October 2018	12th October 2018	Revised due to tripping of HVDC Talcher-Kolar & 765kV D/C Angul-Srikakulam lines due to vulnerable cyclonic condition in South Odisha network.	ER-SR/Import of SR
			Revised as Power Re-route via WR-SR corridor due to change in limiting constraint in view of ER-SR corridor trippings.	WR-SR/Import of SR
8	12th October 2018	13th October 2018	Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI. Further, considering transient angular stability during contingency of one ckt of 765kV Wardha-Nizamabad and One 765kV ICT at Maheshwaram	WR-SR/Import of SR
			Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI.	ER-SR/Import of SR
9	13th October 2018	14th October 2018	Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI. Further, considering transient angular stability during contingency of one ckt of 765kV Wardha-Nizamabad and One 765kV ICT at Maheshwaram	WR-SR/Import of SR
			Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI.	ER-SR/Import of SR
10	14th October 2018	15th October 2018 to 17th October 2018	Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI. Further, considering transient angular stability during contingency of one ckt of 765kV Wardha-Nizamabad and One 765kV ICT at Maheshwaram	WR-SR/Import of SR
			Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI.	ER-SR/Import of SR

11	17th October 2018	18th October 2018 to 21st October 2018	Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI. Further, considering transient angular stability during contingency of one ckt of 765kV Wardha-Nizamabad and One 765kV ICT at Maheshwaram	WR-SR/Import of SR
			Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI.	ER-SR/Import of SR
12	18th October	18th October 2018 to 21st October 2018	Revised due to restoration of HVDC Talcher-Kolar Bipole	ER-SR/Import of SR
13	20th October	21st October 2018	Revised due to Revival of 765kV Angul Srikakulam D/C after Titli Cyclone.	ER-SR/Import of SR
14	21st October 2018	22nd October 2018	Revised due to Shutdown of 400 kV Bongaigaon -Azara Line.	ER-NER/NER-ER/NER Export/Import
15	26th October 2018	27th October 2018	Revised due to shutdown of 765kV Nizamabad-Maheshwaram-1 and 2 respectively	WR-SR/Import of SR
16	26th October 2018	28th October 2018 and 29th October 2018	Revised Due to shutdown of HVDC Talcher-Kolar Bipole for normalisation at normal tower from ERS tower	ER-SR/Import of SR

ASSUMPTIONS IN BASECASE					
				Month : October'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	10474	9326	5458	5426
2	Haryana	8627	7492	2765	2445
3	Rajasthan	9370	9169	5305	5784
4	Delhi	5806	5589	1075	1099
5	Uttar Pradesh	15893	14651	9512	9412
6	Uttarakhand	2117	1848	1083	1145
7	Himachal Pradesh	1503	1203	1107	883
8	Jammu & Kashmir	2799	1692	1514	785
9	Chandigarh	344	220	0	0
10	ISGS/IPPs	24	24	20279	15055
	Total NR	56958	51211	48099	42035
II	EASTERN REGION				
1	Bihar	4087	2852	310	200
2	Jharkhand	1171	873	364	225
3	Damodar Valley Corporation	2925	2668	5264	4225
4	Orissa	4009	3194	2539	2192
5	West Bengal	8603	5717	5360	4272
6	Sikkim	84	84	0	0
7	Bhutan	212	218	1592	1526
8	ISGS/IPPs	265	259	11202	8824
	Total ER	21357	15866	26631	21464
III	WESTERN REGION				
1	Maharashtra	16834	13516	11885	9571
2	Gujarat	14542	13186	7379	7074
3	Madhya Pradesh	9729	7523	4011	3862
4	Chattisgarh	4171	3477	2999	2383
5	Daman and Diu	333	295	0	0
6	Dadra and Nagar Haveli	804	728	0	0
7	Goa-WR	516	373	0	0
8	ISGS/IPPs	4170	3476	39160	31931
	Total WR	51098	42575	65434	54821

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	8103	6984	5903	3947
2	Telangana	8305	8102	4447	4177
3	Karnataka	9352	5764	6477	4630
4	Tamil Nadu	14096	12115	8411	7493
5	Kerala	3673	2434	1564	283
6	Pondy	373	371	0	0
7	Goa-SR	84	84	0	0
8	ISGS/IPPs	0	0	11055	9542
	Total SR	43986	35853	37857	30072
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	123	74	0	0
2	Assam	1318	1292	307	196
3	Manipur	171	95	0	0
4	Meghalaya	267	194	313	214
5	Mizoram	99	68	8	8
6	Nagaland	129	78	22	12
7	Tripura	205	117	61	59
8	ISGS/IPPs	159	131	1963	1784
	Total NER	2471	2049	2674	2273
	Total All India	176311	147947	182392	152286