National Load Despatch Centre **Total Transfer Capability for October 2017**

Issue Date: 28th June 2017			Issu	e Time: 13(00 hrs	Revision No. 0			
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
	1st October	00-06				55	1945		
NR-WR*	2017 to 31st	06-18	2500	500	2000	65	1935		
	October 2017	18-24				55	1945		
WR-NR*	1st October 2017 to 31st	00-24	9050	500	8550	7951	599		
	October 2017								
	1st October	00-06	2000		1800	193	1607		
NR-ER*	2017 to 31st	06-18	2000	200	1800	303	1497	1	
	October 2017	18-24	2000		1800	193	1607		
ER-NR*	1st October 2017 to 31st	00-24	4500	300	4200	3030	1170		
	October 2017								
	1st October								
W3-ER	2017 to 31st	00-24				No limit is	s being specified.		
WJ-LK	October 2017	00-24					s being specified.		
	1st October								
ER-W3	2017 to 31st	00-24				No limit is	s being specified.		
	1 at O at a la an	00.05	1250		2050		2/7		
WD SD	1st October	00-05	4350	500	3850	2492	367	-	
WR-SR	2017 to 31st	05-22	4350	500	3850	3483	367		
WR-SR	2017 to 31st October 2017			500		3483		-	
	2017 to 31st October 2017 1st October	05-22 22-24	4350	500	3850		367 367	-	
WR-SR SR-WR *	2017 to 31st October 2017 1st October 2017 to 31st	05-22	4350	500	3850		367		
	2017 to 31st October 2017 1st October 2017 to 31st October 2017	05-22 22-24 00-24	4350	500	3850	No limit is	367 367 s being Specified.		
SR-WR *	2017 to 31st October 2017 1st October 2017 to 31st October 2017 1st October	05-22 22-24 00-24 00-06	4350 4350		3850 3850	No limit is 3053	367 367 s being Specified. 147		
	2017 to 31st October 2017 1st October 2017 to 31st October 2017 1st October 2017 to 31st	05-22 22-24 00-24 00-06 06-18'	4350	500 250	3850	No limit is 3053 3138	367 367 3 being Specified. 147 62		
SR-WR *	2017 to 31st October 2017 1st October 2017 to 31st October 2017 1st October 2017 to 31st October 2017	05-22 22-24 00-24 00-06	4350 4350		3850 3850	No limit is 3053	367 367 s being Specified. 147		
SR-WR * ER-SR	2017 to 31st October 2017 1st October 2017 to 31st October 2017 1st October 2017 to 31st October 2017 1st October	05-22 22-24 00-24 00-06 06-18' 18-24	4350 4350		3850 3850	No limit is 3053 3138 3053	367 367 3 being Specified. 147 62 147		
SR-WR *	2017 to 31st October 2017 1st October 2017 to 31st October 2017 1st October 2017 to 31st October 2017 1st October 2017 to 31st	05-22 22-24 00-24 00-06 06-18'	4350 4350		3850 3850	No limit is 3053 3138 3053	367 367 3 being Specified. 147 62		
SR-WR * ER-SR	2017 to 31st October 2017 1st October 2017 to 31st October 2017 1st October 2017 to 31st October 2017 1st October	05-22 22-24 00-24 00-06 06-18' 18-24	4350 4350		3850 3850	No limit is 3053 3138 3053	367 367 3 being Specified. 147 62 147		
SR-WR * ER-SR	2017 to 31st October 2017 1st October 2017 to 31st October 2017 1st October 2017 to 31st October 2017 1st October 2017 to 31st	05-22 22-24 00-24 00-06 06-18' 18-24	4350 4350		3850 3850	No limit is 3053 3138 3053	367 367 3 being Specified. 147 62 147		
SR-WR * ER-SR	2017 to 31st October 2017 1st October 2017 to 31st October 2017 1st October 2017 to 31st October 2017 1st October 2017 to 31st October 2017	05-22 22-24 00-24 00-06 06-18' 18-24 00-24 00-24	4350 4350 3450 1100 1000		3850 3850 3200 1055 955	No limit is 3053 3138 3053	367 367 367 s being Specified. 147 62 147 s being Specified. 830 730		
SR-WR * ER-SR SR-ER *	2017 to 31st October 2017 1st October 2017 to 31st October 2017 1st October 2017 to 31st October 2017 1st October 2017 to 31st October 2017 1st October 2017 to 31st October 2017	05-22 22-24 00-24 00-06 06-18' 18-24 00-24 00-24 00-17 17-23 23-24	4350 4350 3450 1100 1000 1100	250	3850 3850 3200 1055 955 1055	No limit is 3053 3138 3053 No limit is	367 367 367 5 being Specified. 147 62 147 5 being Specified. 830 730 830		
SR-WR * ER-SR ER-NER	2017 to 31st October 2017 1st October 2017 to 31st October 2017	05-22 22-24 00-24 00-06 06-18' 18-24 00-24 00-24 00-17 17-23 23-24 00-17	4350 4350 3450 1100 1000 1100 1330	250	3850 3850 3200 1055 955 1055 1285	No limit is 3053 3138 3053 No limit is 225	367 367 367 s being Specified. 147 62 147 s being Specified. 830 730 830 1285		
SR-WR * ER-SR SR-ER *	2017 to 31st October 2017 1st October 2017 to 31st	05-22 22-24 00-24 00-06 06-18' 18-24 00-24 00-24 00-17 17-23 23-24 00-17 17-23	4350 4350 3450 1100 1000 1100 1330 1240	250	3850 3850 3200 1055 955 1055 1285 1195	No limit is 3053 3138 3053 No limit is	367 367 367 being Specified. 147 62 147 s being Specified. 830 730 830 1285 1195		
SR-WR * ER-SR ER-NER	2017 to 31st October 2017 1st October 2017 to 31st October 2017	05-22 22-24 00-24 00-06 06-18' 18-24 00-24 00-24 00-17 17-23 23-24 00-17	4350 4350 3450 1100 1000 1100 1330	250	3850 3850 3200 1055 955 1055 1285	No limit is 3053 3138 3053 No limit is 225	367 367 367 s being Specified. 147 62 147 s being Specified. 830 730 830 1285		
SR-WR * ER-SR ER-NER	2017 to 31st October 2017 1st October 2017 to 31st October 2017	05-22 22-24 00-24 00-06 06-18' 18-24 00-24 00-24 00-17 17-23 23-24 00-17 17-23	4350 4350 3450 1100 1000 1100 1330 1240	250	3850 3850 3200 1055 955 1055 1285 1195	No limit is 3053 3138 3053 No limit is 225	367 367 367 being Specified. 147 62 147 s being Specified. 830 730 830 1285 1195		
SR-WR * ER-SR ER-NER	2017 to 31st October 2017 1st October 2017 to 31st October 2017	05-22 22-24 00-24 00-24 00-06 06-18' 18-24 00-24 00-24 00-17 17-23 23-24 00-17 17-23 23-24	4350 4350 3450 1100 1000 1100 1330 1240 1330	250 45 45	3850 3850 3200 1055 955 1055 1285 1195 1285	No limit is 3053 3138 3053 No limit is 225 0	367 367 367 s being Specified. 147 62 147 s being Specified. 830 730 830 1285 1195 1285		vport would be revised accordin
SR-WR * ER-SR SR-ER * ER-NER NER-ER	2017 to 31st October 2017 1st October 2017 to 31st October 2017	05-22 22-24 00-24 00-24 00-06 06-18' 18-24 00-24 00-24 00-17 17-23 23-24 00-17 17-23 23-24	4350 4350 3450 1100 1000 1100 1330 1240 1330	250 45 45	3850 3850 3200 1055 955 1055 1285 1195 1285	No limit is 3053 3138 3053 No limit is 225 0	367 367 367 s being Specified. 147 62 147 s being Specified. 830 730 830 1285 1195 1285	, W3 zone e	xport would be revised accordin

National Load Despatch Centre Total Transfer Capability for October 2017

Issue Date: 28th June 2017			Issue Time: 1300 hrs			Revision No. 0			
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

* 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) 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) KWPCL, 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 commissionned 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

Corrido r	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 October 2017 to 31st October 2017	00-05 05-08 08-18 18-23 23-24	12900 12900 12900 11600 12900	800	12100 12100 12100 10800 12100	10981	1119 1119 1119 0 1119		
NER	1st October 2017 to 31st October 2017	00-17 17-23 23-24	1100 1000 1100	45	1055 955 1055	225	830 730 830		
WR									
SR	1st October 2017 to 31st October 2017	00-05 05-06 06-18 18-22 22-24	7800 7800 7800 7800 7800 7800	750	7050 7050 7050 7050 7050 7050	6536 6536 6621 6536 6536	514 514 429 514 514		

* 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).

* 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

Date	Time Period (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Long Term Access (LTA)/ Medium Term Open Access (MTOA)	Margin Available for Short Term Open Access (STOA)	Changes in TTC w.r.t. Last Revision	Comments	
1st October	00-06	4500	700	3800	248	3552			
2017 to 31st	06-18'	4300		3800	368	3432			
October 2017	18-24	4500		3800	248	3552			
1st October	00-17	1330	45	1285		1285			
2017 to 31st	17-23	1240		1195	0	1195			
October 2017	23-24	1330		1285		1285			
1st October									
2017 to 31st	00-24		No limit is being Specified.						
						C 1			
	1st October 2017 to 31st October 2017 1st October 2017 to 31st October 2017 1st October	Date Period (hrs) Date Period (hrs) Ist October 00-06 2017 to 31st 06-18' October 2017 18-24 1st October 00-17 2017 to 31st 17-23 October 2017 23-24 Ist October 0 October 0	DateTime Period (hrs)Transfer Capability (TTC)1st October00-0645002017 to 31st06-18'45000ctober 201718-2445001st October00-1713302017 to 31st17-231240October 201723-2413302017 to 31st17-231240October 201723-2413301st October00-241	DateTime Period (hrs)Transfer Capability (TTC)Reliability Margin1st October00-064500	DateTime Period (hrs)Transfer Capability (TTC)Reliability MarginTransfer Capability (ATC)1st October00-06450038002017 to 31st06-18'70038000ctober 201718-24450038001st October00-17133012852017 to 31st17-2312404511950ctober 201723-24133012852017 to 31st17-2312404511950ctober 201723-24133012851st October00-2400-24100-24	DateTime Period (hrs)Total Transfer Capability (TTC)Reliability MarginAvailable Transfer Capability (ATC)Access (LTA)/ Medium Term Open Access (MTOA)1st October 2017 to 31st00-06 06-18'450038002482017 to 31st06-18'7003800368October 201718-2445001128538002481st October 2017 to 31st17-2312404511950October 201723-2413301285001st October 2017 to 31st17-23124045119501st October 2017 to 31st00-241330128501st October 2017 to 31st00-2413301285101st October 2017 to 31st00-2413301012851st October 2017 to 31st00-241010101st October 2017 to 31st00-241010101st October 2017 to 31st00-241010101st October 2017 to 31st00-24101010	DateTime Period (hrs)Total Transfer Capability (TTC)Reliability MarginAvailable Transfer Capability (ATC)Access (LTA)/ Medium Term Open Access (MTOA)Available for Short Term Open Access (STOA)1st October 2017 to 31st October 201700-06 18-244500700380024835521st October 2017 to 31st October 201718-244500700380024835521st October 2017 to 31st00-1713301285128512852017 to 31st October 201717-231240451195011950ctober 201723-24133012851285128512851st October 2017 to 31st00-2413301285128512851st October 2017 to 31st00-24100100128512851st October 2017 to 31st00-2410010010012851st October 2017 to 31st00-241001001001001st October 2017 to 31st00-24100100100100	DateTime Period (hrs)Total Transfer Capability (TTC)Reliability MarginAvailable Transfer Capability (ATC)Access (LTA)/ Medium Term Open Access (MTOA)Available for Short Term Open Access (STOA)in TTC w.r.t. Last Revision1st October 2017 to 31st October 201700-06 18-24450070038002483552	

* 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
Corrido r	Constraint	
NR-WR	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak	Rev-0
WR-NR	1. (n-1) Contingnecy of 765kV Gwalior-Agra one ckt leads to 2750 MW loading on second circuit. 2.High Loading of 400kV Singrauli-Anpara S/C.	Rev-0
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	Rev-0
ER-NR	(n-1) contingencies of N.Ranchi - Chandawa S/c & (n-1) contingencies of 400kV MPL- Maithon S/c	Rev-0
& ER-	(n-1) contingency of 400 kV Dichipalli-Ramagundam or one ckt of 765 kV Aurangabad-Solapur D/C will lead to 874 MW loading on 400kV Vemagiri(PG)-Gazuwaka (With Opening of 400kV Vemagiri(PG)-Nunna S/C)	Rev-0
SR	Low Voltage at Gazuwaka (East) Bus.	Rev-0
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
NER-ER	(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other 400/220 kV, 315 MVA ICT at Misa	Rev-0
W3 zone Injection		Rev-0

Limiting Constraints (Simultaneous)

	5		Applicable Revisions
		(n-1) contingencies of N.Ranchi - Chandawa S/c & (n-1) contingencies of 400kV MPL- Maithon S/c.	
NR	Import	1. (n-1) Contingnecy of 765kV Gwalior-Agra one ckt leads to 2750 MW loading on second circuit. 2.High Loading of 400kV Singrauli-Anpara S/C.	Rev-0
	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
NED	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
NER	Export	(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other 400/220 kV, 315 MVA ICT at Misa.	Rev-0
SR	Import	(n-1) contingency of 400 kV Dichipalli-Ramagundam or one ckt of 765 kV Aurangabad-Solapur D/C will lead to 874 MW loading on 400kV Vemagiri(PG)-Gazuwaka (With Opening of 400kV Vemagiri(PG)-Nunna Low Voltage at Gazuwaka (East) Bus.	Rev-0

National Load Despatch Centre Total Transfer Capability for October 2017

Revision	Date of	Period of	Reason for Revision	Corridor
No	Revision	Revision		Affected

ASSUN	MPTIONS IN BASECASE				
				Month : October'17	
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	8029	6646	3099	3145
2	Haryana	7627	5298	1701	1701
	Rajasthan	8833	8881	5381	5411
4	Delhi	5072	4174	805	805
5	Uttar Pradesh	14985	14821	9097	9093
6	Uttarakhand	1804	1369	890	693
7	Himachal Pradesh	1275	1043	387	344
8	Jammu & Kashmir	2378	1099	696	503
9	Chandigarh	266	181	0	0
10	ISGS/IPPs	26	27	18406	10653
	Total NR	50296	43538	40462	32348
11	EASTERN REGION				
1	Bihar	4034	2465	202	178
2	Jharkhand	1332	915	187	187
3	Damodar Valley Corporation	3138	2664	4808	3850
4	Orissa	4286	3262	3382	2210
5	West Bengal	7050	5900	5309	4270
6	Sikkim	89	50	0	0
7	Bhutan	212	216	1434	1434
8	ISGS/IPPs	267	263	11697	9325
	Total ER	20406	15737	27019	21454
	WESTERN REGION				
1	Maharashtra	18356	14979	12498	11221
2	Gujarat	13916	12128	10311	8731
	Madhya Pradesh	9586	7408	4172	4547
	Chattisgarh	3889	2800	2510	2090
	Daman and Diu	325	288	0	0
6	Dadra and Nagar Haveli	698	769	0	0
7	<u> </u>	571	281	0	0
8	ISGS/IPPs	3986	3664	34817	30704
	Total WR	51326	42317	64308	57293

V	SOUTHERN REGION				
1	Andhra Pradesh	8439	6388	5847	4612
2	2 Telangana	8741	7000	5877	3753
	Karnataka	9896	8233	6319	4457
Z	Tamil Nadu	14068	11864	7403	5878
5	Kerala	3652	2312	1300	283
6	Pondy	387	395	0	0
	Goa-SR	87	89	0	0
8	ISGS/IPPs	0	0	13865	11425
	Total SR	45271	36282	40611	30407
,	NORTH-EASTERN REGION				
1	Arunachal Pradesh	122	63	0	0
2	Assam	1158	1012	230	180
3	3 Manipur	162	87	0	0
Z	Meghalaya	246	178	191	130
5	Mizoram	93	69	8	8
6	Nagaland	119	83	16	6
7	7 Tripura	270	195	82	82
8	ISGS/IPPs	98	60	1882	1471
	Total NER	2268	1749	2409	1877
	Total All India	169567	139623	174809	143380