Issue Date: 24th February 2018 Issue Time: 1430 hrs Revision No. 11

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 February 2018		2500	7 00	2000	55	1945			
NR-WR*	to 28th February 2018	06-18 18-24	2500	500	2000	65 55	1935 1945			
	1st February 2018 to 02nd February	00-08	8550	500	8050	9284	0			
	2018	08-24'	6050	500	5550	9284	0			
WR-NR*	03rd February 2018	00-24	10050	500	9550	9284	266			
	04th February 2018 to 15th February 2018	00-24	8550	500	8050	9284	0			
	16th February 2018 to 28th February 2018	00-24	8550	500	8050	9284	0			
	1st February 2018		2000		1800	193	1607			
NR-ER*	to 28th February 2018	06-18 18-24	2000 2000	200	1800 1800	303 193	1497 1607			
ER-NR*	1st February 2018 to 28th February 2018		4500	300	4200	3030	1170			
W3-ER	1st February 2018 to 28th February 2018	00-24		No limit is being specified.						
ER-W3	1st February 2018 to 28th February 2018	00-24				No limit	is being specified.			
		00-05	5700		5200		1140			
	1st February 2018 to 16th February	05-22	5700	500	5200	4060	1140			
	2018	22-24	5700	200	5200		1140			
		00-05	5700		5200		1140			
		05-07	5700		5200		1140			
	17th February 2018	07-22		500		4060	2290			
			6850		6350					
		22-24	6850		6350		2290			
WR-SR	18th February	00-05	6850	500	6350	4060	2290			
	2018	05-22	6850	500	6350	4060	2290			
		22-24	6850		6350		2290			
	19th February	00-05	5700	500	5200	40.50	1140			
	2018 to 21st February 2018	05-22	5700	500	5200	4060	1140			
		22-24	5700		5200		1140			
	22nd February	00-05	5700		5200		1085			
	2018 to 28th February 2018	05-22	5700	500	5200	4115	1085			
	j	22-24	5700		5200		1085			

Issue Date: 24th February 2018 Issue Time: 1500 hrs Revision No. 11

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
SR-WR *	1st February 2018 to 28th February 2018	00-24				No limit	is being Specified.		
		00-06	3800		2550	2839	711		
	1st February 2018	06-07'	06-07'	250	3550	2924	626		
	1st reordary 2010	07-18	3450	230	3200	2924	276		
	2.151	18-24				2839	361		
	2nd February 2018 to 3rd	00-06 06-18'	3800	250	3550	2839 2924	711 626		
	February 2018	18-24	3000	230	3330	2839	711		
	4th February 2018 00-06					2762	788		
	to 16th February	06-18'	3800	250	3550	2847	703		
	2018	18-24				2762	788		
		00-06	3800		3550	2762	788		
	17th February	06-07'	3600	250	3330	2847	703		
	2018	07-18'	2650	230	2400	2847	0		1
ER-SR		18-24				2762	0		
	18th February 2018	00-06	2650	2650 250	2400	2762	0		
		06-18' 18-24	2030	250	2400	2847 2762	0		
	19th February	00-06				2762	788		
	2018 to 25th	06-18'	3800	250	3550	2847	703		
	February 2018	18-24		200		2762	788		
		00-06	2900	250	2550	2762	788		Deviced due to shortdown of 4001AV
	26th February 2018 to 27th	06-08'	3800	250	3550	2847	703		Revised due to shutdown of 400kV Indravati-Jeypore S/C from
	February 2018	08-18'	3500	250	3250	2847	403	-300	26.02.18 to 27.02.18 on daily basis.
	10014419 2010	18-24	5500		3230	2762	488	200	20.02.10 to 27.02.10 on daily easis.
	28th February 00-06		2000	250	2550	2762	788		
	2018	06-18' 18-24	3800	250	3550	2847 2762	703 788		
SR-ER *	1st February 2018 to 28th February 2018						is being Specified.		
	1st February 2018	00-17	1370		1325		1100		
	to 21st February	17-23	1310	45	1265	225	1040]	
	2018	23-24	1370		1325		1100		
	22nd February	00-07	1370		1325		1100		
ER-NER	2018 to 23rd	07-17	1070	45	1025	225	800		-
	February 2018	17-23	980		935		710		-
	24th February	23-24 00-17	1070 1370		1025 1325		800 1100		
	2018 to 28th	17-23	1310	45	1265	225	1040		
	February 2018	23-24	1370	10	1325		1100		
	1st February 2018		1460		1415		1415		
	to 21st February	17-23	1420	45	1375	0	1375]	
	2018	23-24	1460		1415		1415	<u></u>	
	22nd February	00-07	1460		1415		1415		
NER-ER	2018 to 23rd	07-17	1230	45	1185	0	1185		_
-,	February 2018	17-23	1280		1235		1235		1
	•	23-24	1230		1185		1185		
	24th February	00-17	1460	A 5	1415		1415		
	2018 to 28th February 2018	17-23 23-24	1420 1460	45	1375 1415	0	1375 1415	-	
	1 Columny 2016	23-24	1400		1413		1413		

Issue Date: 24th February 2018 Issue Time: 1500 hrs Revision No. 11

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
W3 zone Injection	1st February 2018 to 28th February 2018	00-24							ort would be revised accordingly) LDC website under Intra-

Regional Section in Monthly ATC.

- 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.

^{*} 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).

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									
		0005	1000		11100				
		00-05	12200		11400	-	0		
	1st February	05-08	12200		11400		0		
	2018 to 02nd	08-18	8650	800	7850	12314	0		
	February 2018	18-23	7750		6950		0		
		23-24	8650		7850		0		
		00-05	14350		13550		1236		
	03rd February	05-08	14350		13550		1236		
2018	08-18	14350	800	13550	12314	1236			
ND	NR Z018	18-23	13050		12250		0		
111		23-24	14350		13550		1236		
		00-05	12200		11400		0		
	04th February	05-08	12200		11400		0		
	2018 to 15th	08-18	12200	800	11400	12314	0		
	February 2018	18-23	11000		10200		0		
		23-24	12200		11400		0		
		00-05	12200		11400		0		
	16th February	05-08	12200		11400		0		
	2018 to 28th	08-18	12200	800	11400	12314	0		
	February 2018	18-23	11000		10200		0		
		23-24	12200		11400		0		
	1st February	00-17	1370	4.5	1325	225	1100		
	2018 to 21st	17-23	1310	45	1265	225	1040		
	February 2018	23-24	1370		1325		1100		
	22nd February	00-07 07-17	1370		1325		1100		
NER	2018 to 23rd		1070	45	1025	225	800		
	February 2018	17-23 23-24	980 1070		935 1025		710 800		
	24th February	00-17	1370		1325		1100		
	24th February 2018 to 28th	17-23	1310	45	1265	225	1040		
	February 2018	23-24	1370	73	1325	223	1100		
		20 2 .	10.10		1020		1100		
WR									

	1			1	1		ī		
		00-05	9500		8750	6898	1852		_
		05-06	9500		8750	6898	1852		
	1st February	06-07	9500	750	8750	6983	1767		
	2018	07-18	9150	750	8400	6983	1417		
		18-22	9150		8400	6898	1502		
		22-24	9150		8400	6898	1502		
		00-05	9500		8750	6898	1852		
	02nd February	05-06	9500		8750	6898	1852		
	2018 to 3rd	06-18	9500	750	8750	6983	1767		
	February 2018	18-22	9500		8750	6898	1852		
		22-24	9500		8750	6898	1852		7
		00-05	9500		8750	6821	1929		
	4th February	05-06	9500		8750	6821	1929		7
	2018 to 21st	06-18	9500	750	8750	6906	1844		7
	February 2018	18-22	9500		8750	6821	1929		7
GID.		22-24	9500		8750	6821	1929		7
SR		00-05	9500		8750	6876	1874		
	22nd February	05-06	9500		8750	6876	1874		7
	2018 to 25th	06-18	9500	750	8750	6961	1789		7
	February 2018	18-22	9500		8750	6876	1874		1
		22-24	9500		8750	6876	1874		
		00-05	9500		8750	6876	1874		
		05-06	9500		8750	6876	1874		
	26th February	06-08	9500	750	8750	6961	1789		Revised due to shutdown of 400kV
	2018 to 27th February 2018	08-18	9200	750	8450	6961	1489	-300	Indravati-Jeypore S/C from 26.02.18 to 27.02.18 on daily basis.
	1 cordary 2010	18-22	9200		8450	6876	1574	-300	10 27.02.10 on daily ousis.
		22-24	9200		8450	6876	1574	-300	
		00-05	9500		8750	6876	1874		
		05-06	9500		8750	6876	1874		
	28th February 2018	06-18	9500	750	8750	6961	1789		
	2016	18-22	9500		8750	6876	1874]
		22-24	9500		8750	6876	1874		1
				L	L				

^{*} 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

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	
NR*	1st February 2018 to 28th	00-06 06-18	4500	700	3800 3800	248 368	3552 3432			
	February 2018	18-24	4500		3800	248	3552			
	1st February	00-17	1460	45	1415	0	1415			
NER	2018 to 28th	17-23	1420		1375		1375			
	February 2018	23-24	1460		1415		1415			
WR										
,,,,,										
SR *	1st February 2018 to 28th February 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	All
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.	All
	2. High loading of 400 kV Bhachau-Versana D/C line	4,5,6,7,8,9,10
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	All
ER-NR	(n-1) contingencies of N.Ranchi - Chandawa S/c & (n-1) contingencies of 400kV MPL- Maithon S/c	All
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)	1-7,9,10'
	Low Voltage at Gazuwaka (East) Bus.	All
	Due to shutdown of 765kV Srikakulam-Vemagiri D/C on continuous basis	8
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)	All
NER-ER	(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of 220 kV Samaguri - Sonabil line	All
W3 zone Injection		All

Limiting Constraints (Simultaneous)

			Applicable Revisions
NR	Import	(n-1) contingencies of N.Ranchi - Chandawa S/c & (n-1) contingencies of 400kV MPL- Maithon S/c. 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.	All
NK	(n-1) contingencies of N.Ranchi - Chandawa S/c & (n-1) contingencies of 400kV MPL- Maithon S/c. 1. (n-1) Contingency of 765kV Gwalior-Agra one ckt leads to 2750 MW loading on second circuit.	4,5,6,7,8,9,10	
	Export		All
NED	Import		All
NEK	(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of 220 kV Samaguri -	All	
SR	Import	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	1-7,9,10'
		Low Voltage at Gazuwaka (East) Bus.	All
		Due to shutdown of 765kV Srikakulam-Vemagiri D/C on continuous basis	8

Revision No	Date of Revision	Period of Revision	Reason for Revision	Corridor Affected	
1	28th Nov 2017	Whole month	Revised STOA margins due to reconfiguration of Rihand TPS Stage-III from Northern Region to Western Region	WR- NR/Import of SR	
2	3rd Jan 2018	Whole month	Revised STOA margin due to (i) allocation of NTPC WR plants to Andra Pradesh, and (ii) resumption of allocation to SW-Railways from RGPPL	WR- SR/Import of SR	
3	22nd Jan 2018	Whole month	Revised STOA margin due to (i) allocation of 125 MW and 200 MW power from NTPC WR to Telangana & Karnataka respectively and (ii) 50 MW of power from NTPC ER to Telangana	WR-SR/ER- SR/Import of SR	
		01st Feb 2018 and 02nd Feb 2018	Revised due to (i) restriction in Mundra Mahindragarh power order due to low generation at APL Mundra, and (ii) due to Shutdown of HVDC Champa - Kurukshetra Bipole on 01.02.18 and 02.02.18 on daily.	WR- NR/Import of NR	
4	4 31st Jan 2018	01st Feb 2018	(i) Revised ATC due to shutdown of 400kV Vemagiri- Gazuwaka S/C, (ii) Revised STOA margin on basis of inter- regional LTA utilisation	ER- SR/Import of	
		2nd Feb 2018 to 28th Feb 2018	Revised STOA margin on basis of inter-regional LTA utilisation	SR	
5	03rd Jan 2018	4th Feb 2018 to 15th Feb 2018	Revised due to restriction in Mundra Mahindragarh power order due to low generation at APL Mundra	WR- NR/Import of NR	
6	03rd Feb 2018	4th Feb 2018 to 28th Feb 2018	Revised STOA margins due to change in Talcher Stg-II DC	ER- SR/Import of SR	
7	15th Feb 2018	16th Feb 2018 to 28th Feb 2018	Revised due to restriction in Mundra Mahindragarh power order because of low generation at APL Mundra	WR- NR/Import of NR	
8	16th Feb 2018	17th Feb 2018 to 18th Feb 2018	Due to shutdown of 765kV Srikakulam-Vemagiri D/C on continuous basis	ER-SR/WR- SR/Import of SR	
9	21st Feb 2018	22nd Feb 2018 to 23rd Feb 2018	Revised due to day time shutdown of 400/220 kV, 315 MVA ICT-1 at Misa	ER-NER/NER- ER/Import of NER	
10	21st Feb 2018		Revised STOA margin due to (i) 50 MW allocation to Karnataka from NTPC WR plants (ii) 5 MW allocation to Telangana from NTPC WR plants	WR- SR/Import of SR	
11	24th Feb 2018	26th Feb 2018 to 27th Feb 2018	Revised due to shutdown of 400kV Indravati-Jeypore S/C from 26.02.18 to 27.02.18 on daily basis.	ER- SR/Import of SR	

ASSUN	IPTIONS IN BASECASE				
				Month : February'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	7260	4982	2738	2593
2	Haryana	7075	4623	1422	1421
3	Rajasthan	9478	10567	5408	5393
4	Delhi	4322	2497	664	664
5	Uttar Pradesh	14386	15146	7921	8037
6	Uttarakhand	1865	1387	704	415
7	Himachal Pradesh	1575	624	250	134
8	Jammu & Kashmir	2368	1898	549	377
9	Chandigarh	245	139	0	0
10	ISGS/IPPs	25	26	19108	11535
	Total NR	48600	41891	38765	30569
П	EASTERN REGION				
1	Bihar	2561	2650	285	181
2	Jharkhand	860	890	266	210
3	Damodar Valley Corporation	2639	2731	4022	3974
4	Orissa	3014	3115	2366	2222
5	West Bengal	5149	5319	4227	4159
6	Sikkim	50	52	0	0
7	Bhutan	215	216	290	290
8	ISGS/IPPs	264	264	9339	8929
	Total ER	14752	15237	20795	19965
III	WESTERN REGION				
1	Maharashtra	18871	15370	12854	11475
2	Gujarat	13221	12028	10342	8753
3	Madhya Pradesh	10461	7272	4720	3977
4	Chattisgarh	4153	3073	2934	2168
5	Daman and Diu	324	281	0	0
6	Dadra and Nagar Haveli	714	729	0	0
7	Goa-WR	584	298	0	0
8	ISGS/IPPs	3874	3530	37426	34493
	Total WR	52202	42582	68275	60866

IV	SOUTHERN REGION				
1	Andhra Pradesh	8091	6737	5785	4120
2	Telangana	10020	7660	5232	3940
3	Karnataka	10686	7609	6873	3620
4	Tamil Nadu	14692	12232	7258	5466
5	Kerala	3727	2350	1313	76
6	Pondy	374	376	0	0
7	Goa-SR	84	85	0	0
8	ISGS/IPPs	0	0	14904	12929
	Total SR	47676	37050	41366	30151
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	100	54	0	0
2	Assam	962	761	214	123
3	Manipur	120	87	0	0
4	Meghalaya	242	174	190	58
5	Mizoram	78	58	8	8
6	Nagaland	88	76	12	6
7	Tripura	184	125	81	80
8	ISGS/IPPs	159	100	1516	1147
	Total NER	1935	1435	2021	1422
	Total All India	159918	132980	169205	141912