				Load Desp sfer Capabi					
Issue Date:	4th January 20	22	Issu	e Time: 170	0 hrs		R	evision No.	3
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
		00-06				628	1372		
NR-WR*	1st February 2022 to 28th February 2022	06-18	2500	500	2000	1856	144		
		18-24				628	1372		
		00-06	19500 18550**	1000	18500 17550**	11433 10483**	7067		
	1st February		19500		18500	11822			
WR-NR*	2022 to 28th February 2022	06-18	18550**	1000	17550**	10872*	6678		
			19500		18500	11433			
		18-24	18550**	1000	17550**	10483**	7067		
		00-06	2000		1800	93	1707		
	1st February	06-18	2000		1800	1308	492		
NR-ER*	2022 to 28th February 2022	18-24	2000	200	1800	93	1707		
ER-NR*	1st February 2022 to 28th February 2022	00-24	5900	400	5500	4356	1144		
W3-ER	1st February 2022 to 28th February 2022	00-24						No limit is	being specified.
ER-W3	1st February 2022 to 28th February 2022	00-24						No limit is	being specified.
WR-SR [^]	1st February 2022 to 28th	00-05	11600 11600	650	10950 10950	4118	6832 6832	1250 1250	TTC/ATC Revised after commissioning of HVDC Raigarh - Pugalur Pole - IV
SR-WR *	February 2022 1st February 2022 to 28th	22-24 00-24	11600 7400	400	10950 7000	983	6832 6017	1250 2800	TTC/ATC Revised after commissioning of HVDC Raigarh - Pugalur Pole - IV
	February 2022	00-06				2675	2675	-100	
ER-SR [▲]	1st February 2022 to 28th February 2022	06-18 18-24	5700	350	5350	2675 2760 2675	2673 2590 2675	-100 -100 -100	TTC/ATC Revised after commissioning of HVDC Raigarh - Pugalur Pole - IV
SR-ER *	1st February 2022 to 28th February 2022	00-24				2015	2013		being Specified.
		00-02	930		885	455	430		
ED MED	1st February	02-07 07-12	930 910	15	885 865	455 455	430 410		
ER-NER*	2022 to 28th February 2022	12-18 18-22	915 680	45	870 635	455 455	415		
		22-24	930		885	455	430		
		00-02 02-07	3375 3375		3330 3330	81 81	3249 3249		
NER-ER*	1st February 2022 to 28th	07-12	3350	45	3305	81	3224		
	February 2022	12-18 18-22	3320 3270		3275 3225	81 81	3194 3144		
		22-24	3375	1	3330	81	3249		

				-	atch Cent					
Issue Date:	4th January 20	22	Issu	ie Time: 170	0 hrs		Revision No. 3			
Corridor	Corridor Date Time Period (hrs) Total Transfer (TTC) Total Reliability (TTC) Reliability Margin Available Transfer (Capability (ATC) Long Term Access (LTA)/ Medium Term Open Access Margin Available for Open Access Changes in TTC Volume Transfer (TTC) Reliability (ATC) Norigin (MTOA) # Margin (STOA) Changes in TTC								Comments	
W3 zone Injection	W3 zone 2022 to 28th 00-24 No limit is being specified (In case of any constraints annearing in the system. W3 zone export would be revised accordingly)									
Note: TTC/A	ATC of S1-(S2&S	83) corridor, Import	of S3(Kerala), Import of P	unjab and Im	port of DD & DN	H is uploaded on	NLDC websi	ite under Intra-Regional Section in Monthly ATC.	
* Fifty Percer	nt (50 %) Counte	r flow benefit on acco	ount of LTA/M	TOA transacti	ons in the reven	rse direction would	l be considered for	advanced trar	asactions (Bilateral & First Come First Serve).	
**Considerin regional entit		stage-III - Vindhyach	al PS D/C line	as inter-region	al line for the p	ourpose of scheduli	ing, metering and a	ccounting and	950 MW ex-bus generation in Rihand stage-III. Rihand Stage-III generation is considered as NR	
 W3 compr Chattisgarh BALCO, g) and any other # The figure i Fuel shortage In the eventual In case of TT The TTC 	 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 Revised to normal values after restoration of shutdown. 1) The TTC value will be revised to normal values if the shutdown is not being availed in real time. 									
Real Time T	C/ATC revisions	s are uploaded on POS	SOCO/NLDC '	"News Update"	' (Flasher) Sect	ion				
	^Though 2X315 MVA, 400/220 kV ICTs at Maradam are N-1 non-compliant, the TTC of WR-SR and ER-SR corridor has not been restricted due to the same considering that this aspect will be managed by AP SLDC through appropriate measures like SPS implementation.									
^In case of dr	In case of drawl of Karnataka beyond 3800 MW, the voltages in Bengaluru area are observed to be critically low. This issue may be taken care of by Karnataka SLDC by taking appropriate measures.									
SR-WR TTC	ATC figures hav	e been calculated con	sidering 01 uni	it (800 MW) at	Kudgi TPS in	service. The figure	es are subject to cha	inge with chai	nge in generation at Kudgi TPS.	

WR-NR/Import of NR TTC has been calculated considering generation at Pariccha TPS as 350 MW. TTC figures are subject to change with significant change in generation at Pariccha TPS.

Simultaneo	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	
		00-06	25400 24450**		24000 23050**	15789 14839**	8211			
		06-09	25400 24450**		23050 24000 23050**	16178	7822			
NR	1st February 2022 to 28th February 2022	09-17	25400 24450**	1400	24000 23050**	16178 15228**	7822			
		17-18	25400 24450**		24000 23050**	16178 15228**	7822			
		18-24	25400 24450**		24000 23050**	15789 14839**	8211			
		00-02	930		885	455	430			
	1st February 2022 to 28th	02-07		- 45	885	455	430			
NER*		07-12	910		865	455	410			
.,	February 2022	12-18	915		870	455	415			
	· · · · · · · · · · · · · · · · · · ·	18-22	680		635	455	180			
		22-24	930		885	455	430			
WR [*]									+	
	1st February	00-06	17300		16300	6793	9507	1150		
SR ^{*#}	2022 to 28th	06-18	17300	1000	16300	6878	9422	1150	TTC/ATC Revised after commissioning of HVDC Raigarh - Pugalur Pole - IV	
	February 2022	18-24	17300		16300	6793	9507	1150		

* 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)

Real Time TTC/ATC revisions are uploaded on POSOCO/NLDC "News Update" (Flasher) Section

#Though 2X315 MVA, 400/220 kV ICTs at Maradam are N-1 non-compliant, the TTC of SR Import has not been restricted due to the same considering that this aspect will be managed by AP SLDC through appropriate measures like SPS implementation.

In case of drawl of Karnataka beyond 3800 MW, the voltages in Bengaluru area are observed to be critically low. This issue may be taken care of by Karnataka by taking appropriate measures.

WR-NR/Import of NR TTC has been calculated considering generation at Pariccha TPS as 350 MW. TTC figures are subject to change with significant change in generation at Pariccha TPS.

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
		00-06				721	3079		
NR*	1st February 2022 to 28th February 2022	06-18	4500	700	3800	3164	636		
		18-24				721	3079		
		00-02	3375		3330	81	3249		
		02-07	3375		3330	81	3249		
NER*	1st February 2022 to 28th	07-12	3350	45	3305	81	3224		
NEK.	February 2022	12-18	3320		3275	81	3194		
		18-22	3270		322:	3225	81	3144	
		22-24	3375		3330	81	3249		
WR*									
SR*^	1st February 2022 to 28th February 2022	00-24	6350	400	5950	1804	4146	2650	TTC/ATC Revised after commissioning of HVDC Raigarh - Pugalur Pole - IV

Real Time TTC/ATC revisions are uploaded on POSOCO/NLDC "News Update" (Flasher) Section

^SR Export TTC/ATC figures have been calculated considering 01 unit (800 MW) at Kudgi TPS in service. The figures are subject to change with change in generation at Kudgi TPS.

Limiting	Limiting Constraints (Corridor wise)								
		Applicable Revisions							
Corridor	Constraint								
WR-NR	N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	Rev- 0-3							
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	Rev- 0-3							
ER-NR	Inter-regional flow pattern towards NR Rev- 0-3								
	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT Low Voltage at Gazuwaka (East) Bus.	Rev- 0-3							
CD M/D	a) N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt b) N-1 contingency of 500 MVA ICT at 400 kV Kolhapur-MS will overload the other 2x315 MVA ICTs	Rev- 0-3							
ER-NER	 a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C 	Rev- 0-3							
NER-ER	 a) N-1 contingency of 220 kV Salakati - Alipurduar I or II b) High Loading of 220 kV Salakati - Alipurduar II or I 	Rev- 0-3							
W3 zone Injection		Rev- 0-3							

Limiting Constraints (Simultaneous)

			Applicable Revisions	
	Import	Inter-regional flow pattern towards NR	Rev- 0-3	
NR	mport	N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	Rev- 0-3	
INK	Export	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak.	Rev- 0-3	
	Export	(n-1) contingency of 400 kV Saranath-Pusauli	Kev- 0-3	
		a) N-1 contingency of 400 kV Bongaigaon - Killing line (0000 hrs to 2400 hrs)		
	Import	b) High Loading of 220 kV Balipara-Sonabil (0000 hrs to 0700 hrs)	Rev- 0-3	
NER		c) High Loading of 220 kV Salakati - BTPS D/C (0700 hrs to 1200 hrs)		
	T (a) N-1 contingency of 220 kV Salakati - Alipurduar I or II		
	Export	b) High Loading of 220 kV Salakati - Alipurduar II or I	Rev- 0-3	
	Import	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT	Rev- 0-3	
SR	import	Low Voltage at Gazuwaka (East) Bus	Kev- 0-3	
SK	Export	N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt	Rev- 0-3	
	Export	N-1 contingency of 500 MVA ICT at 400 kV Kolhapur-MS will overload the other 2x315 MVA ICTs	Kev- 0-3	

National Load Despatch Centre Total Transfer Capability for February 2022

Revision No	Date of Revision	Period of Revision	Reason for Revision/Comment	Corridor Affected
			Revised STOA margin due to a) Operationalization of LTA OF 300 MW from RSBPL_FTG2 to Maharastra b) Operationalization of LTA OF 100 from ASunceEPL_BKN to Maharastra c) Operationalization of LTA OF 250 from MRPL to CSEB d) Operationalization of LTA OF 250 MW from ACSEPL_BHADLA to Maharastra e) Operationalization of LTA from AP41PL_BHDL to ODISHA	NR-ER/NR-WR/NR Export
1	28th November 2021	Whole Month	Revised STOA margin due to operationalization of the LTA quantum of Tuticorin-BETAMWIND to UPPCL	WR-NR/ER-NR/NR Import
			Revised STOA margin due to a) Operationalization of LTA OF 50 MW from Fatehgarh PS(ACME Solar) to Pondicherry b) Operationalization of LTA OF 90 MW from Fatehgarh-II Solar to Telangana	WR-SR/SR Import
			Revised STOA margin due to a) Operationalization of LTA from Spring Energy,Pugalur to UP b) Operationalization of LTA from HIRIYUR_OSTROKANNADA to Bihar	SR-WR/SR Export
	28th December		Revised STOA margin due to a) Discontinuation of MTOA of 300 MW from AP43PL_BKN(SECI) to Odisha b) Increase in LTA of 50 MW from RSWPL3_FTG2 to BSHPCL c) Increase in LTA of 33 MW from AP41PL_BHDL to Odisha	NR-ER/NR-WR/NR Export
2	28th December 2021	Whole Month	Revised STOA margin due to increase in LTA of 23 MW from BRBCL (Railways)	ER-NR/NR Import
			Revised STOA margin due to operationalization of LTA of 100 MW from Rajasthan (ABC Solar private limited) to Pondicherry	WR-SR/SR Import
			Revised STOA margin due to increase in LTA by 20 MW from HIRIYUR_OSTROKANNADA to Bihar	SR Export
3	04th January 2022	Whole Month	TTC/ATC Revised after commissioning of HVDC Raigarh - Pugalur Pole - IV	WR-SR/ER-SR/SR Import/SR-WR/SR- EXPORT

73301	IPTIONS IN BASECASE			Manth - Eshnuar - 2022		
C No	Name of State/Area		Load	Month : February 2022 Generat	l	
S.No.	Name of State/Area				1	
1	NORTHERN REGION	Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)	
1	Punjab	10744	10867	3971	3971	
2	Haryana	9492	9088	2701	2701	
3	Rajasthan	10485	9635	8259	8259	
4	Delhi	5321	5152	796	795	
5	Uttar Pradesh	20631	20099	10623	10689	
6	Uttarakhand	2124	1886	928	939	
7	Himachal Pradesh	1354	1114	783	769	
8	Jammu & Kashmir	2363	1962	884	883	
9	Chandigarh	313	249	0	0	
10	ISGS/IPPs	48	48	21958	20013	
10	Total NR	62875	60100	50903	49019	
	Total NR	02075	00100	50905	49019	
II	EASTERN REGION					
1	Bihar	6537	5617	356	349	
2	Jharkhand	1958	1503	511	501	
3	Damodar Valley Corporation	2985	2723	5856	4190	
4	Orissa	4513	4310	3998	3798	
4 5	West Bengal	9704	8401	7033	6210	
5 6	Sikkim	119	116	0	0	
7	Bhutan	119	181	2325	2325	
8	ISGS/IPPs	810	810	15771	11533	
0						
	Total ER	26808	23662	35850	28906	
	WESTERN REGION					
1	Maharashtra	17405	16509	11624	10789	
2	Gujarat	13918	11320	8601	7246	
3	Madhya Pradesh	9254	8534	3596	3845	
4	Chattisgarh	4309	3965	2531	2835	
5	Daman and Diu	276	236	0	0	
6	Dadra and Nagar Haveli	744	870	0	0	
7	Goa-WR	534	420	0	0	
8	ISGS/IPPs	1784	3263	36712	32338	
0	Total WR	48224	45117	63064	57053	
	Total Wite	40224	-0117	00004	07000	
IV	SOUTHERN REGION					
1	Andhra Pradesh	8024	7220	6268	5204	
2	Telangana	9100	8117	5196	5078	
3	Karnataka	8396	6654	6023	4850	
4	Tamil Nadu	15210	13068	7256	6376	
5	Kerala	3778	2349	1614	961	
6	Pondy	264	264	0	0	
7	Goa-SR	82	82	0	0	
8	ISGS/IPPs	37	37	14805	14794	
	Total SR	44891	37791	41162	37263	
V	NORTH-EASTERN REGION					
1	Arunachal Pradesh	140	95	118	118	
2	Assam	1849	1588	615	574	
3	Manipur	207	86	105	103	
4	Meghalaya	315	255	302	229	
5	Mizoram	150	55	60	60	
6	Nagaland	173	155	96	93	
7	Tripura	435	260	300	300	
8	ISGS/IPPs	0	0	2371	2370	
	Total NER	3269	2494	3967	3847	
	Total All India	186067	169164	194946	176088	