				Load Despa sfer Capabil						
Issue Date: 2	28th Septembe	er, 2021	Issu	e Time: 170	0 hrs		R	evision No	. 4	
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				378	1622			
NR-WR*	1st November 2021 to 30th November 2021	06-18	2500	500	2000	956	1044		Revised STOA margin due to discontinuation of 250 MW MTOA from ACSEPL to Madhya Pradesh	
		18-24				378	1622			
		00-06	19500 18550**	1000	18500 17550**	11362 10412**	7138			
WR-NR*	1st November 2021 to 30th November 2021	06-18	19500 18550**	1000	18500 17550**	11751 10801**	6749		Revised STOA margin due to a) operationalization of new LTA OF 73 MW from Tuticorin-BETAMWIND to UPPCL b) operationalization of new LTA OF 10 MW from Tuticorin-IWISL to Haryana	
		18-24	19500 18550**	1000	18500 17550**	11362 10412**	7138			
NR-ER*	1st November 2021 to 30th November 2021	00-06 06-18 18-24	2000 2000 2000	200	1800 1800 1800	93 1458 93	1707 342 1707		Revised STOA margin due to a) operationalization of new LTA of 250 MW from RSWPL3_FTG2 to BSPHCL b) operationalization of new LTA of 300 MW from AP43PL_BKN to Odisha	
ER-NR*	1st November 2021 to 30th November 2021	00-24	5900	400	5500	4372	1128			
W3-ER	1st November 2021 to 30th November 2021	00-24		No limit is being specified.						
ER-W3	1st November 2021 to 30th November 2021	00-24						No limit is	s being specified.	
	1st November	00-05	10350		9700		5820		Revised STOA margin due to	
	2021 to 30th November 2021	05-22 22-24	10350 10350	650	9700 9700	3880	5820 5820		 a) operationalization of new LTA of 106 MW from Fatehgarh-II Solar to Telangana b) operationalization of new LTA of 176 MW from Bhadla-II Solar to Telangana 	
SR-WR *	1st November 2021 to 30th November 2021	00-24	4600	400	4200	884	3316		Revised STOA margin due to a) operationalization of new LTA of 106 MW from Fatehgarh-II Solar to Telangana b) operationalization of new LTA of 176 MW from Bhadla-II Solar to Telangana	
	1st November	00-06				2672	2778			
ER-SR [△]	2021 to 30th November 2021	06-18	5800	350	5450	2757	2693			
SR-ER *	1st November 2021 to 30th November 2021	18-24 00-24		No limit is being Specified.						
ER-NER*	1st November 2021 to 30th November 2021	00-02 02-07 07-12 12-18 18-22	810 810 805 820 610	45	765 765 760 775 565	455 455 455 455 455	310 310 305 320 110			
	1st November	22-24 00-02 02-07	810 3280 3280		765 3235 3235	455 81 81	310 3154 3154			
NER-ER*	2021 to 30th November 2021	07-12 12-18 18-22 22-24	3230 3270 3240 3280	45	3185 3225 3195 3235	81 81 81 81	3104 3144 3114 3154		Revised STOA margin due to discontinuation of 50 MW MTOA Arunachal Pradesh to NPCL(UP)	

	National Load Despatch Centre									
				-	lity for Nove					
Issue Date:	28th Septemb	er, 2021	Issu	Issue Time: 1700 hrs Revision No. 4						
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 November 2021 to 30th November 2021	00-24	No limit is bei	ng specified (I	n case of any co	onstraints appearir	ng in the system, W3	zone export	would be revised accordingly)	
Note: TTC/A	ATC of S1-(S2&	83) corridor, Import	of S3(Kerala)	, Import of Pu	injab and Impo	ort of DD & DNH	I is uploaded on NI	DC website	under Intra-Regional Section in Monthly ATC.	
* Fifty Percer	nt (50 %) Counte	r flow benefit on acco	unt of LTA/M	TOA transactio	ons in the revers	e direction would	be considered for ad	vanced transa	actions (Bilateral & First Come First Serve).	
**Considering regional entity	U U	stage-III - Vindhyach	al PS D/C line	as inter-region	al line for the p	urpose of scheduli	ng, metering and acc	ounting and 9	050 MW ex-bus generation in Rihand stage-III. Rihand Stage-III generation is considered as NR	
 W3 comprained a) Chattisgarh BALCO, g) 	ises of the followin Sell transaction, b Sterlite (#1,3,4),	AP and Karnataka; S2 c ng regional entities :)) Jindal Power Limitec h) NSPCL, i) Korba, j) nerator in Chhattisgarh	i (JPL) Stage-I	& Stage-II, c) J	indal Steel and	Power Limited (JSI				
Fuel shortage	/New units being	MTOA approved by C commissionned the L dules exceed ATC, rea	TA/MTOA uti	lized would va	ry. RLDC/NLI	OC would factor the			Maintenance/	
1) The TTC	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.									
Real Time T	FC/ATC revisions	s are uploaded on POS	SOCO/NLDC '	'News Update"	(Flasher) Secti	on				
	[^] 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	awl of Karnataka	beyond 3800 MW, th	ne voltages in E	sengaluru area	are observed to	be critically low.	This issue may be ta	ken care of b	y Karnataka SLDC by taking appropiate measures.	
SR-WR TTC	ATC figures hav	e been calculated con	sidering 01 uni	t (800 MW) at	Kudgi TPS in	service. The figure	es are subject to char	ge with chan	ge 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	ous Import Capa	bility							
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**	15734 14784**	8266		
		06-09	25400 24450**		23050** 24000 23050**	16123 15173**	7877		Revised STOA margin due to
NR	1st November 2021 to 30th November 2021	09-17	25400 24450**	1400	24000 23050**	16123 15173**	7877		 a) operationalization of new LTA OF 73 MW from Tuticorin-BETAMWIND to UPPCL b) operationalization of new LTA OF 10
		17-18	25400 24450**		24000 23050**	16123 15173**	7877		MW from Tuticorin-IWISL to Haryana
		18-24	25400 24450**	24000 23050**	15734 14784**	8266			
		00-02	810		765	455	310		
	1st November	02-07	810		765	455	310		
NER [*]	2021 to 30th	07-12	805	45	760	455	305		
	November 2021	12-18	820		775	455	320		
		18-22	610		565	455	110		
		22-24	810		765	455	310		
WR [*]									
	1 / 11 1	00-06	16150		15150	6553	8597		Revised STOA margin due to a) operationalization of new LTA of 106
SR ^{*#}	1st November 2021 to 30th November 2021	06-18	16150	1000	15150	6638	8512		MW from Fatehgarh-II Solar to Telangana
	1107011001 2021	18-24	16150		15150	6553	8597		b) operationalization of new LTA of 176 MW from Bhadla-II Solar to Telangana

* 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				471	3329		
NR*	1st November 2021 to 30th November 2021	06-18	4500	700	3800	2414	1386		Revised STOA margin due to a) Discontinuation of 250 MW MTOA from ACSEPL to Madhya Pradesh b) Operationalization of new LTA of 250 MW from RSWPL3_FTG2 to BSPHCL
		18-24				471	3329		c) Operationalization of new LTA of 300 MW from AP43PL_BKN to Odisha
		00-02	3280		3235	81	3154	3154 3154 3104 3144 Revised STOA margin due to discontinuation of 50 MW MTOA A	
NER*	1st November 2021 to 30th November 2021	02-07	3280		3235	81	3154		
		07-12	3230	45	3185	81	3104		Pavised STOA margin due to discontinuation of 50 MW/MTOA Arunashal Product to NECL
NEK*		12-18	3270		3225	81	3144		Revised 51 OA margin due to discontinuation of 50 WW WI OA Arunachar Fradesh to NPCL(C
		18-22	3240		3195	81	81 3114 81 3154		
		22-24	3280		3235	81			
WR*									
SR*^	1st November 2021 to 30th November 2021	00-24	3700	400	3300	1676	1624		Revised STOA margin due to a) Increase LTA by 6 MW from BETAM to UP (NR) b) Increase LTA by 15 MW from Spring Energy,Pugalur to UP (NR) c) Operationalization of 63 MW LTA fromHIRIYUR_OSTROKANNADA to Bihar, ER
* Fifty Perc	cent (50 %) Coun	ter flow	benefit on ac	count of LT.	A/MTOA tra	nsactions in the re	everse direction w	vould be consid	dered for advanced transactions (Bilateral & First Come First Serve).

^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	Constraints (Corridor wise)	
		Applicable Revisions
Corridor	Constraint	
WR-NR	N-1 contingency of 1000 MVA, 765/400 kV ICT at Orai will overload the other ICT	Rev- 0 to 1
WK-INK	N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	Rev- 2 to 4
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	Rev- 0 to 4
ER-NR	Inter-regional flow pattern towards NR	Rev- 0 to 4
	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT	
WR-SR	N-1 of one ckt of 765kV Angul-Srikakulam D/C will overload the other circuit	Rev- 0 to 2
and ER-	Low Voltage at Gazuwaka (East) Bus.	
SR	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT	Rev- 3 to 4
	Low Voltage at Gazuwaka (East) Bus.	Kev- 3 to 4
SR-WR	 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 to 4
ER-NER	 a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C 	Rev- 0 to 4
NER-ER	a) N-1 contingency of 220 kV Salakati - Alipurduar I or II	Rev- 0 to 4
IVER-ER	b) High Loading of 220 kV Salakati - Alipurduar II or I	
W3 zone		Rev- 0 to 4
Injection		

Limiting Constraints (Simultaneous)

Linning	Constraints	(Simultaneous)	Applicable Revisions
		Inter-regional flow pattern towards NR	Rev- 0 to 4
NR	Import	N-1 contingency of 1000 MVA, 765/400 kV ICT at Orai will overload the other ICT	Rev- 0 to 1
	-	N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	Rev- 2 to 4
	Export	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak.	Rev- 0 to 4
	Export	(n-1) contingency of 400 kV Saranath-Pusauli	Kev- 0 to 4
		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 to 4
NER		c) High Loading of 220 kV Salakati - BTPS D/C (0700 hrs to 1200 hrs)	
	E-m out	a) N-1 contingency of 220 kV Salakati - Alipurduar I or II	Dere O ta 4
	Export	b) High Loading of 220 kV Salakati - Alipurduar II or I	Rev- 0 to 4
		N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT	
		N-1 of one ckt of 765kV Angul-Srikakulam D/C will overload the other circuit	Rev- 0 to 2
	Import	Low Voltage at Gazuwaka (East) Bus	
SR		N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT	Rev- 3 to 4
		Low Voltage at Gazuwaka (East) Bus	KCV- 5 10 4
	Export	N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt	Rev- 0 to 4
	Export	N-1 contingency of 500 MVA ICT at 400 kV Kolhapur-MS will overload the other 2x315 MVA ICTs	100-0104

National Load Despatch Centre Total Transfer Capability for November 2021

Revision No	Date of Revision	Period of Revision	Reason for Revision/Comment	Corridor Affected
1	24th August, 2021	Whole Month	Revised TTC/ATC due to commissioning of 765kV Vindhyachal-Varanasi D/C	WR-NR, ER-NR & NR Import
			Revised STOA margin due to increase in LTA from PGLR_SREPL to UP by 12 MW (from 228MW to 240 MW)	SR-WR/SR Export; WR- NR/NR Import
2	28th August, 2021	Whole Month	Revised STOA margin due to operationalisation of LTA of 73 MW from Tuticorin- BETAMWIND to UPPCL (SR-ER-NR)	ER-NR/NR Import
			Revised STOA margin due to change in LTA allocations	NR-ER
			Revised STOA margin due to change in LTA allocations	NER Import/Export
3	25th September 2021	Whole Month	TTC/ATC revised due to commissioning of HVDC Raigarh-Pugalur Pole-3	WR-SR/ER-SR/SR Import
			Revised STOA margin due to a)operationalization of new LTA OF 73 MW from Tuticorin-BETAMWIND to UPPCL b)operationalization of new LTA OF 10 MW from Tuticorin-IWISL to Haryana	WR-NR/NR Import
		Whole Month	Revised STOA margin due to a) Discontinuation of 250 MW MTOA from ACSEPL to Madhya Pradesh b) Operationalization of new LTA of 250 MW from RSWPL3_FTG2 to BSPHCL c) Operationalization of new LTA of 300 MW from AP43PL_BKN to Odisha	ER-NR/WR-NR/NR Export
4	28th September 2021		Revised STOA margin due to a)operationalization of new LTA of 106 MW from Fatehgarh-II Solar to Telangana b) operationalization of new LTA of 176 MW from Bhadla-II Solar to Telangana	WR-SR/SR Import
			Revised STOA margin due to a) Increase LTA by 6 MW from BETAM to UP (NR) b) Increase LTA by 15 MW from Spring Energy,Pugalur to UP (NR) c) Operationalization of 63 MW LTA fromHIRIYUR_OSTROKANNADA to Bihar, ER	SR-WR/SR Export
			Revised STOA margin due to discontinuation of 50 MW MTOA Arunachal Pradesh to NPCL(UP)	NER-ER/NER Export

ASSUN	IPTIONS IN BASECASE						
				Month : November 202	21		
S.No.	Name of State/Area		Load	Generation			
		Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)		
Ι	NORTHERN REGION						
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		
	Total NR	62875	60100	50903	49019		
П	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		
5	West Bengal	9704	8401	7033	6210		
6	Sikkim	119	116	0	0		
7	Bhutan	181	181	2325	2325		
8	ISGS/IPPs	810	810	15771	11533		
	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		
-	Total WR	48224	45117	63064	57053		

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