				-	eatch Centr Apr				
Issue Date:	:03rd April, 202	21	Issu	e Time: 170	0 hrs		R	evision No.	13
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 April 2021	00-06				253	1747		
NR-WR*	to 30th April	06-18	2500	500	2000	1339	661		
	2021	18-24				253	1747		
			17850		17350	10993			
		00-06	16900**	500	16400**	9983**	6417		
		06-08	17850 16900**	500	17350 16400**	11322 10372**	6028		
WR-NR*	1st April 2021	08-18	15800 14850**	500	15300 14350**	11322 10372**	3978		
		18-24	15800 14850**	500	15300 14350**	10993 9983**	4367		
		00-06	17850 16900**	500	17350 16400**	10993 9983**	6417		
WR-NR*	2nd April 2021 to 30th April 2021	06-18	17850 16900**	500	17350 16400**	11322 10372**	6028		
		18-24	17850 16900**	500	17350 16400**	10993 9983**	6417		
		00.06	2000		1800	102	1607		
	1st April 2021	00-06		200		193	1607	-	
NR-ER*	to 30th April 2021	06-18	2000	200	1800	603	1197	-	
ER-NR*		18-24 00-08	2000 5500	300	1800 5200	193 4280	1607 920		
ER-NR*	1st April 2021	08-24	4700	300	4400	4280	120		
ER-NR*	2nd April 2021 to 30th April 2021	00-24	5500	300	5200	4280	920		
W3-ER	1st April 2021 to 30th April 2021	00-24					No limit is bei	ng specified.	
ER-W3	1st April 2021 to 30th April 2021	00-24					No limit is bein	ng specified.	
		00-05	9300		8650		4777	-50	
WR-SR [^]	1st April 2021 to 5th April	05-22	9300	650	8650	3873	4777	-50	TTC/ATC revsied due to continuous s/d of 400KV/220KV
	2021	22-24	9300		8650		4777	-50	315 MVA ICT 1 AT JEYPORE
· · · · · · · · · · · · · · · · · · ·	6th April 2021	00-05 05-22	9350 9350		8700 8700	0070	<u>4827</u> 4827		
WR-SR [^]	to 30th April 2021	22-24	9350	650	8700	3873	4827		
SR-WR *	1st April 2021 to 30th April 2021	00-24	4600	400	4200	550	3650		
		00-06				2672	2428		
ER-SR [^]	1st April 2021	06-18	5450	350	5100	2757	2343		
		18-24				2672	2428		

ssue Date:	03rd April, 202	21	Issu	e Time: 170	0 hrs		Re	evision No.	13
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	5450		5100	2672	2428		
ER-SR [^]	2nd April 2021	06-10	5450	350	5100	2757	2343		
EK-9K	2110 April 2021	10-18	3600	330	3250	2757	493		
		18-24	3600		3250	2672	578		
	3rd April 2021	00-06				2672	2428	-300	
ER-SR ^{\wedge} to 5t	to 5th April	06-18	5450	350	5100	2757	2343	-300	TTC/ATC revsied due to continuous s/d of 400KV/220KV
	2021	18-24	1			2672	2428	-300	315 MVA ICT 1 AT JEYPORE
		00-06				2672	2728		
ER-SR [^]	6th April 2021 to 30th April	06-18	5750	350	5400	2757	2643		
LA-SK	2021		5750	550	5400				
	1st April 2021	18-24				2672	2728		
SR-ER *	to 30th April 2021	00-24					No limit is beir	ng Specified.	
		00-02	1430		1385	474	911		
	1st April 2021	02-07	1430		1385	474	911		
ER-NER*	to 10th April	07-12	1430	45 1250	1385	474	911		
	2021	12-18 18-22			1385 1205	474 474	911 731		
	-	22-24	1430		1385	474	911		
_		00-02	1300	45	1255	474	781	-	
	11th April 2021 07-12 to 30th April 12-18 2021 18-22 22-24	02-07	1300		1255	474	781 781	-	
			1300 1300		1255 1255	474 474	781 781	-	
		18-22	1050		1005	474	531		
		22-24	1300		1255	474	781		
	1st April 2021 to 10th April 2021	00-02	3000 3000	45	2955 2955	83 83	2872 2872		
		07-12	3000		2955	83	2872		
NER-ER*		12-18	3000		2955	83	2872		
		18-22	2930		2885	83	2802		
		22-24 00-02	3000 3290		2955 3245	83 83	2872 3162		
	11.1 4 1 2021	02-07	3290		3245	83	3162	-	
NER-ER*	11th April 2021 to 30th April	07-12	3290	45	3245	83	3162		
IER-ER	2021	12-18	3290	-15	3245	83	3162		
	-	<u>18-22</u> 22-24	3210 3290		3165 3245	83 83	<u> </u>	-	
W3 zone Injection	1st April 2021 to 30th April 2021			ing specified (√3 zone expor	t would be revised accordingly)
Fifty Perce	ATC of S1-(S2&S	r flow benefi	t on account of	LTA/MTOA	transactions in	the reverse direction	on would be consid	lered for adva	OC website under Intra-Regional Section in Monthly ATC nced transactions (Bilateral & First Come First Serve).
Lihand Stage	e-III generation is	considered a	s NR regional of	entity.	_	e for the purpose of cherry; S3 comprise		ing and accou	inting and 950 MW ex-bus generation in Rihand stage-III.
W3 comp Chattisgarl BALCO, g	rises of the followi h Sell transaction, l	ng regional e b) Jindal Pow h) NSPCL, i)	ntities : ver Limited (JPI Korba, j) Sipat	L) Stage-I & St	age-II, c) Jinda	l Steel and Power L	imited (JSPL), d) A		CO Amarkantak R Raikheda, q)Ind Barath
uel shortage	e/New units being	commission	ned the LTA/N	ITOA utilized	would vary. R	RPCs RTA/REA. In LDC/NLDC would ted by RLDCs/NLD	I factor this situation		being on Maintenance/ ad basis.
	C Revision due to								

				-	atch Centi lity for Apr				
ssue Date:03rd April, 2021 Issue Time: 1700 hrs Revision No. 13									13
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
nanaged by A	AP SLDC throug	ch appropiate r	neasures like S	SPS implemeta	ion.				cted due to the same considering that this aspect will be n care of by Karnataka SLDC by taking appropriate measures
^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 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.									
VR-NR/Impo	ort of NR TTC h	as been calcul	ated considering	ng generation a	t Pariccha TPS	S as 350 MW. TTC	figures are subjec	t to change wi	ith 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)		Changes in TTC w.r.t. Last Revision	Comments				
		00-06	Issue Time: 1700 hrs		22550	15213	7337						
		06-08	23350		21600** 22550	14263** 15602	6948						
		00-08	22400** 20500		21600** 19700	14652** 15602	0948						
NR*	1st April 2021	08-17	19550**	800	18750**	14652**	4098						
		17-18	20500 19550**		19700 18750**	15602 14652**	4098						
		18-24	20500 19550**		19700 18750**	15213 14263**	4487						
		00-06	23350		22550	15213	7337						
	2nd April 2021 to 30th April 2021	06-09			<u>21600**</u> 22550	14263** 15602	6948						
NR [*]		09-17	22400** 23350	800	21600** 22550	14652** 15602	6948						
		17-18	22400** 23350	-	21600** 22550	<u>14652**</u> 15602	6948						
		22400** 23350 18-24		21600** 22550	14652** 15213	7337		-					
		00-02	22400** 1430		21600** 1385	14263** 474	911						
	1st April 2021 to	02-07	1430 1430		1385 1385	474 474	<u>911</u> 911						
\mathbf{NER}^{*}	_	_	_	-	_	10th April 2021	07-12 1430 12-18 1430	- 45	1385	474	911		
	-	18-22	1250		1205	474	731						
		22-24	1430		1385	474	911						
		00-02 02-07	1300 1300		1255 1255	474 474	781 781						
sie	11th April 2021	02-07	1300		1255	474	781						
\mathbf{NER}^{*}	to 30th April 2021	12-18	1300	45	1255	474	781						
	2021	18-22	1050		1005	474	531						
WR [*]		22-24	1300		1255	474	781						
		00-06	14750		13750	6545	7205						
SR ^{*#}	1st April 2021	06-18	14750	1000	13750	6630	7120						
		18-24	14750		13750	6545	7205						
		00-06	14750		13750	6545	7205						
SR ^{*#}	1st April 2021 to		14750	1000	14750	6630	8120						
	5th April 2021		12900	-	11900	6630 6545	5270 5355						
	2-1 4 - 1 2021	18-24 00-06	12900 14750		11900 13750	6545 6545	5355 7205	-350					
SP ^{*#}	3rd April 2021 to 5th April	06-18	14750	1000	13750	6630	71203	-350	TTC/ATC revsied due to continuous s/d of 400KV/220KV 315 MVA ICT 1 AT				
$\mathbf{SR}^{*\#}$	2021	18-24	14750	1000	13750	6545	7205	-350	JEYPORE				

SR ^{*#}	6th April 2021 to 30th April 2021	00-06 06-18 18-24	15100 15100 15100	1000	14100 14100 14100	6545 6630 6545	7555 7470 7555		
* 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).									
	ring 400 kV Rihar in Rihand stage-II	-	-		-		purpose of schedul	ling, metering and accounting and 950 MW ex-bus	
following r Margin in S WR-NR A ER-NR AT Margin for	atio: Simultaneous imp TC =B	ort of NR ts = A * E	= A 3/(B+C)	n available in	i Simultaneous	s Import of NR v	vould be apportione	ed on WR-NR Corridor & ER-NR Corridor in the	
Real Time	TTC/ATC revisio	ns are upl	oaded on PO	SOCO/NLDC	"News Updat	te" (Flasher) Sec	tion		
-	X315 MVA, 400/ naged by AP SLD				-		mport has not been	restricted due to the same considering that this aspect	
	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.								

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
		00-06	4500		3800	446	3354		
	1st April 2021 to 30th April	06-18	4300	700	3800	1942	1858		
	2021	18-24	4500		3800	446	3354		
	1st April 2021 to 10th April 2021	00-02	3000	45	2955	83	2872		
		02-07	3000		2955	83	2872		
		07-12	3000		2955	83	2872		
NER*		12-18	3000		2955	83	2872		
		18-22	2930		2885	83	2802		
		22-24	3000		2955	83	2872		
		00-02	3290	45	3245	83	3162		
	11th April 2021	02-07	3290		3245	83	3162		
NER*	to 30th April	07-12	3290		3245	83	3162		
	2021	12-18	3290	т <i>.</i>	3245	83	3162		
	2021	18-22	3210		3165	83	3082		
		22-24	3290		3245	83	3162		
WR*									
	1st April 2021								
SR*^	to 30th April 2021	00-24	3700	400	3300	1150	2150		

^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.

,			Applicable Revisions				
Corridor		Constraint					
WR-NR	N-1 contingency	y of 1500 MVA, 765/400 kV ICT at Agra will overload the other ICT	Rev- 0 to 13				
NR-ER	(n-1) contingenc	ey of 400 kV Saranath-Pusauli	Rev- 0 to 13				
ER-NR	 N-1 continge Inter-regional 	Rev- 0 to 13					
WR-SR	N-1 of one ICT	of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT					
and ER- SR	Low Voltage at	Low Voltage at Gazuwaka (East) Bus.					
SP-WP	-	ncy of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt ncy of 500 MVA ICT at 400 kV Kolhapur-MS will overload the other 2x315 MVA ICTs	Rev- 0 to 13				
ER-NER	a) N-1 continb) High Loa	Rev- 0 to 13					
NER-ER	a) N-1 continb) High Load	Rev- 0 to 13					
W3 zone							
ws zone Injection			Rev- 0 to 13				
Injection	 Constraints ((Simultaneous)					
injection	 Constraints (Import	(Simultaneous) 1. N-1 contingency of 400 kV Mejia-Maithon A line will overload the other ckt. 2. Inter-regional flow pattern towards NR					
njection		 N-1 contingency of 400 kV Mejia-Maithon A line will overload the other ckt. Inter-regional flow pattern towards NR N-1 contingency of 1500 MVA, 765/400 kV ICT at Agra will overload the other ICT 	Applicable Revision				
injection		 N-1 contingency of 400 kV Mejia-Maithon A line will overload the other ckt. Inter-regional flow pattern towards NR 	Applicable Revision Rev- 0 to 13				
Injection Limiting NR	Import	 N-1 contingency of 400 kV Mejia-Maithon A line will overload the other ckt. Inter-regional flow pattern towards NR N-1 contingency of 1500 MVA, 765/400 kV ICT at Agra will overload the other ICT (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. 	Applicable Revisions Rev- 0 to 13 Rev- 0 to 13				
injection	Import Export	 N-1 contingency of 400 kV Mejia-Maithon A line will overload the other ckt. Inter-regional flow pattern towards NR N-1 contingency of 1500 MVA, 765/400 kV ICT at Agra will overload the other ICT (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. (n-1) contingency of 400 kV Saranath-Pusauli a) N-1 contingency of 400 kV Bongaigaon - Azara line 	Applicable Revisions Rev- 0 to 13 Rev- 0 to 13 Rev- 0 to 13				
injection imiting NR	Import Export Import	 N-1 contingency of 400 kV Mejia-Maithon A line will overload the other ckt. Inter-regional flow pattern towards NR N-1 contingency of 1500 MVA, 765/400 kV ICT at Agra will overload the other ICT (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. (n-1) contingency of 400 kV Saranath-Pusauli a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C a) N-1 contingency of 400 kV Silchar- Azara line 	Applicable RevisionRev- 0 to 13Rev- 0 to 13Rev- 0 to 13Rev- 0 to 13Rev- 0 to 13				

National Load Despatch Centre Total Transfer Capability for April 2021

Revision No	Date of Revision	Period of Revision	Reason for Revision/Comment	Corridor Affected			
1	28th Jan 2021	Apr-21	• LTA figure revised by 41.5 MW after declaration of commercial operation of Kameng HEP (4x150MW) unit-3 w.e.f 00:00Hrs of 22.01.2021	NER-ER/NER Export			
2	04th Feb 2021	Whole month	Operationalization of LTA granted to M/s Adani Wind Energy Kutchh Three Limited :- a) 39.1 MW to UPPCL b) 18.4 MW to Chandigarh	WR-NR/NR IMPORT WR-SR/SR			
			c) 34.5 MW to KSEB	IMPORT			
3	09th Feb 2021	Whole Month	Operationalization of LTA granted to M/s Alfanar Energy Private Limited on available margins at Bhuj PS :- a) 14.4 to BSES Rajdhani Power Limited , Delhi b) 4.7 to BSES Yamuna Power Limited , Delhi c) 4.7 to TATA Power Delhi Distribuion Limited	WR-NR/NR IMPORT			
4	12th Feb 2021	Whole Month	Revised due to operationalisation of 300MW MTOA granted form Azure Solar Power ,Rajashtan to Odisha	NR-ER/ NR Export			
			Revised due to revised LTA granted for transfer of power from Nabinagar-1	ER-NR/ NR Import			
			Revised STOA margin due to operationalisation of 99 MW LTA from Chuzachen HEP to Haryana	ER-NR			
			Revised STOA margin due to change in LTA allocation of RPL- SECI-II-RE, ALFANAR_SECI-III and RWE_APL2_SECI- III(Ghadsisa)	WR-NR			
_			WR-SR, ER-SR/ SR Import				
5	27th Feb 2021	Whole Month	Revised TTC/ATC due to - 1) Change in Load-Generation of NER				
			 2) Addition of 4th unit (1x150 MW) of 4 x 150 MW Kameng Generation 3) Commissioning of 400 kV SM Nagar (ISTS) - PK Bari (ISTS) 	NER Import /NER Export			
6	11th Mar 2021	Whole Month	D/C 4) Commissioning of 400 kV Silchar - Misa D/C TTC/ATC revised due to commissioning of HVDC Raigarh-	WR-SR, ER-SR/			
			Pugalur Pole 2 Revision in STOA due to operationalization of LTA 12.3 MW	SR Import WR-NR/NR			
7	16th Mar 2021	Whole month	from AWEK3L to UPPCL/NR Revision in STOA due to operationalization of LTA 10.9 MW	Import WR-SR/SR			
8	17th Mar 2021	Whole Month	from AWEK3L to KSEB/SR Revised ATC due to increase in Reliability Margin from 750 MW to 1000 MW due to high SR demand	Import WR-SR, ER-SR/ SR Import			
			Revised STOA margin due to change in LTA allocation by 58MW from NR ISGS to Gujrat	NR-WR/NR Export			
			Revised STOA margin due to change in LTA allocations	WR-NR/NR IMPORT			
			Revised TTC/ATC due to -				
9	28th March 2021	Whole Month	 1) Change in Load-Generation of NER 2) Addition of 4th unit (1x150 MW) of 4 x 150 MW Kameng Generation 3) Commissioning of 400 kV SM Nagar (ISTS) - PK Bari (ISTS) D/C 4) Commissioning of 400 kV Silchar - Misa D/C 	NER Import /NER Export			
			5) Commissioning of 400 kV Silchar - PK Bari D/C				
		01st April 2021	TTC/ATC revsied due to s/d of 765 KV AGRA-JHATIKARA (PG) CKT-1	WR-NR,ER- NR/NR IMPORT			
10	30th March 2021	01st April 2021 to 3rd April 2021	TTC/ATC revsied due to continuous s/d of 400KV/220KV 315 MVA ICT 1 AT JEYPORE	WR-SR, ER-SR/ SR Import			
		01st April 2021 to 10th April 2021	TTC/ATC revised due to Shutdown of 4x150 MW Kameng HEP	NER Import /NER Export			
11	30th March 2021	02nd April 2021	TTC/ATC revsied due to s/d of HVDC Talcher-Kolar Pole-1 & 2	ER-SR/ SR Import			
12	02nd April 2021	04th April 2021	TTC/ATC revsied due to continuous s/d of 400KV/220KV 315 MVA ICT 1 AT JEYPORE	WR-SR, ER-SR/ SR Import			
13	3rd April 2021	5th April 2021	TTC/ATC revsied due to continuous s/d of 400KV/220KV 315 MVA ICT 1 AT JEYPORE	WR-SR, ER-SR/ SR Import			

ASSUN	MPTIONS IN BASECASE				
				Month : April 2021	
S.No.	Name of State/Area		Load	Genera	tion
e:03rd A	April, 2021	Peak Load (MW)	Issue Time: 1700 hrs	Peak (MW)	Off Peak (MW)
I	NORTHERN REGION				
1	Punjab	6227	4997	3097	2902
2	Haryana	7801	6031	2202	2202
3	Rajasthan	10163	12851	7039	7011
4	Delhi	5647	5052	678	678
5	Uttar Pradesh	17979	14878	8867	8792
6	Uttarakhand	1969	1574	930	790
7	Himachal Pradesh	1555	1274	444	392
8	Jammu & Kashmir	2495	2176	433	436
9	Chandigarh	239	153	0	0
10	ISGS/IPPs	18	18	18785	13577
	Total NR	54093	49005	42475	36780
II	EASTERN REGION				
1	Bihar	4820	3188	352	344
2	Jharkhand	1522	1046	378	353
3	Damodar Valley Corporation	2784	2584	4559	3683
4	Orissa	3806	3184	3165	2611
5	West Bengal	7328	5393	5270	4142
6	Sikkim	110	44	0	0
7	Bhutan	160	165	440	554
8	ISGS/IPPs	-160	-165	12395	8633
	Total ER	20369	15439	26559	20318
	WESTERN REGION				
1	Maharashtra	19941	15342	14113	11160
2	1st April 2021 to 5th April 2021	17919	12325	13029	8865
3	Madhya Pradesh	11036	6707	5302	3136
4	Chattisgarh	4288	2679	2873	2590
	oth April 2021 to 30th April 2021	337	272	0	0
6	Dadra and Nagar Haveli	873	771	0	0
7	Goa-WR	584	428	0	0
8	ISGS/IPPs	5609	4727	39129	29849
	Total WR	60586	43252	74445	55600

S.No.	Name of State/Area		Load	Gener	ation
e:03rd A	April, 2021	Peak Load (MW)	Issue Time: 1700 hrs	Peak (MW)	Off Peak (MW)
IV	SOUTHERN REGION				
1	Andhra Pradesh	8713	8774	6825	6825
2	Telangana	9357	8553	5042	4642
3	Karnataka	9140	9202	8283	8283
4	Tamil Nadu	16143	13975	6532	5690
5	Kerala	4156	2952	1658	581
6	3rd April 2021 to 5th April 2021	264	265	0	0
7	Goa-SR	41	41	0	0
8	ISGS/IPPs	9	9	13941	13941
(6th April 2021 to 30th April 2021	47822	43773	42281	39963
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	105	103	0	0
2	Assam	1433	1150	255	195
3	Manipur	203	100	0	0
4	Meghalaya	313	273	231	167
5	Mizoram	132	47	53	35
6	Nagaland	160	144	12	12
7	Tripura	384	235	154	156
8	ISGS/IPPs	0	0	0	0
	Total NER	2731	2052	705	565
	Total All India	185602	153519	186465	153226