

**National Load Despatch Centre
Total Transfer Capability for February 2022**

Issue Date: 26th February 2022

Issue Time: 1700 hrs

Revision No. 20

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
NR-WR*	1st February 2022 to 28th February 2022	00-06	2500	500	2000	628	1372		
		06-18				2156	0		
		18-24				628	1372		
WR-NR*	1st February 2022 to 15th February 2022	00-06	19300 18350**	1000	18300 17350**	11433 10483**	6867		
		06-18	17600 16650**	1000	16600 15650**	11822 10872*	4778		
		18-21	17600 16650**	1000	16600 15650**	11433 10483**	5167		
		21-24	19300 18350**	1000	18300 17350**	11433 10483**	6867		
WR-NR*	16th February 2022	00-08	19500 18550**	1000	18500 17550**	11433 10483**	7067		
		06-08	17800 16850**	1000	16800 15850**	11822 10872*	4978		
		08-18	17600 16650**	1000	16600 15650**	11822 10872*	4778		
		18-21	17600 16650**	1000	16600 15650**	11433 10483**	5167		
		21-24	19300 18350**	1000	18300 17350**	11433 10483**	6867		
WR-NR*	17th February 2022 to 18th February 2022	00-06	18650 17700**	1000	17650 16700**	11433 10483**	6217		
		06-18	16950 16000**	1000	15950 15000**	11822 10872*	4148		
		18-21	16950 16000**	1000	15950 15000**	11433 10483**	4517		
		21-24	18650 17700**	1000	17650 16700**	11433 10483**	6217		
WR-NR*	19th February 2022	00-06	18650 17700**	1000	17650 16700**	11433 10483**	6217		
		06-18	16950 16000**	1000	15950 15000**	11822 10872*	4148		
		18-21	16950 16000**	1000	15950 15000**	11433 10483**	4517		
		21-24	18650 17700**	1000	17650 16700**	11433 10483**	6217		

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WR-NR*	20th February 2022	00-06	19300 18350**	1000	18300 17350**	11433 10483**	6867		
		06-18	17600 16650**	1000	16600 15650**	11822 10872*	4778		
		18-21	17600 16650**	1000	16600 15650**	11433 10483**	5167		
		21-24	19300 18350**	1000	18300 17350**	11433 10483**	6867		
WR-NR*	21st February 2022	00-06	19300 18350**	1000	18300 17350**	11433 10483**	6867		
		06-10	17600 16650**	1000	16600 15650**	11822 10872*	4778		
		10-18	17600 16650**	1000	16600 15650**	11822 10872*	4778		
		18-21	17600 16650**	1000	16600 15650**	11433 10483**	5167		
		21-24	19300 18350**	1000	18300 17350**	11433 10483**	6867		
WR-NR*	22nd February 2022 to 25th February 2022	00-06	19300 18350**	1000	18300 17350**	11433 10483**	6867		
		06-18	17600 16650**	1000	16600 15650**	11822 10872*	4778		
		18-21	17600 16650**	1000	16600 15650**	11433 10483**	5167		
		21-24	19300 18350**	1000	18300 17350**	11433 10483**	6867		
WR-NR*	26th February 2022	00-06	19300 18350**	1000	18300 17350**	11433 10483**	6867		
		06-10	17600 16650**	1000	16600 15650**	11822 10872*	4778		
		10-18	16000 15050**	1000	15000 14050**	11822 10872*	3178		
		18-21	16000 15050**	1000	15000 14050**	11433 10483**	3567		
		21-24	17700 16750**	1000	16700 15750**	11433 10483**	5267		
WR-NR*	27th February 2022 to 28th February 2022	00-06	19300 18350**	1000	18300 17350**	11433 10483**	6867		
		06-18	17600 16650**	1000	16600 15650**	11822 10872*	4778		
		18-21	17600 16650**	1000	16600 15650**	11433 10483**	5167		
		21-24	19300 18350**	1000	18300 17350**	11433 10483**	6867		

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NR-ER*	1st February 2022 to 28th February 2022	00-06	2000	200	1800	93	1707		
		06-18	2000		1800	1541	259		
		18-24	2000		1800	93	1707		
ER-NR*	1st February 2022 to 15th February 2022	00-06	5850	400	5450	4371	1079		
		06-21	7550	400	7150	4371	2779		
		21-24	5850	400	5450	4371	1079		
ER-NR*	16th February 2022	00-06	5900	400	5500	4371	1129		
		06-08	7600	400	7200	4371	2829		
		08-21	7550	400	7150	4371	2779		
		21-24	5850	400	5450	4371	1079		
ER-NR*	17th February 2022 to 18th February 2022	00-06	5700	400	5300	4371	929		
		06-21	7400	400	7000	4371	2629		
		21-24	5700	400	5300	4371	929		
ER-NR*	19th February 2022	00-06	5700	400	5300	4371	929		
		06-21	7400	400	7000	4371	2629		
		21-24	5700	400	5300	4371	929		
ER-NR*	20th February 2022	00-06	5850	400	5450	4371	1079		
		06-21	7550	400	7150	4371	2779		
		21-24	5850	400	5450	4371	1079		
ER-NR*	21st February 2022	00-06	5850	400	5450	4371	1079		
		06-10	7550	400	7150	4371	2779		
		10-21	7550	400	7150	4371	2779		
		21-24	5850	400	5450	4371	1079		
ER-NR*	22nd February 2022 to 25th February 2022	00-06	5850	400	5450	4371	1079		
		06-21	7550	400	7150	4371	2779		
		21-24	5850	400	5450	4371	1079		
ER-NR*	26th February 2022	00-06	5850	400	5450	4371	1079		
		06-10	7550	400	7150	4371	2779		
		10-21	7250	400	6850	4371	2479		
		21-24	5550	400	5150	4371	779		
ER-NR*	27th February 2022 to 28th February 2022	00-06	5850	400	5450	4371	1079		
		06-21	7550	400	7150	4371	2779		
		21-24	5850	400	5450	4371	1079		
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.	

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WR-SR [^]	1st February 2022 to 09th February 2022	00-05	11250	650	10600	3996	6604		
		05-22	11250		10600		6604		
		22-24	11250		10600		6604		
WR-SR [^]	10th February 2022	00-08	11250	650	10600	3996	6604		
		08-22	11200		10550		6554		
		22-24	11200		10550		6554		
WR-SR [^]	11th February 2022	00-05	11250	650	10600	3996	6604		
		05-22	11250		10600		6604		
		22-24	11250		10600		6604		
WR-SR [^]	12th February 2022	00-07	11250	650	10600	3996	6604		
		07-22	10700		10050		6054		
		22-24	10700		10050		6054		
WR-SR [^]	13th February 2022	00-07	11250	650	10600	3996	6604		
		07-22	10700		10050		6054		
		22-24	10700		10050		6054		
WR-SR [^]	14th February 2022 to 15th February 2022	00-05	11250	650	10600	3996	6604		
		05-22	11250		10600		6604		
		22-24	11250		10600		6604		
WR-SR [^]	16th February 2022	00-05	11250	650	10600	3996	6604		
		05-22	11250		10600		6604		
		22-24	11250		10600		6604		
WR-SR [^]	17th February 2022	00-05	11250	650	10600	3996	6604		
		05-22	11250		10600		6604		
		22-24	11250		10600		6604		
WR-SR [^]	18th February 2022	00-05	11250	650	10600	3996	6604		
		05-22	11250		10600		6604		
		22-24	11250		10600		6604		
WR-SR [^]	19th February 2022	00-08	11250	650	10600	3996	6604		
		08-22	11200		10550		6554		
		22-24	11200		10550		6554		
WR-SR [^]	20th February 2022 to 24th February 2022	00-05	11250	650	10600	3996	6604		
		05-22	11250		10600		6604		
		22-24	11250		10600		6604		
WR-SR [^]	25th February 2022	00-08	11250	650	10600	3996	6604		
		08-22	11200		10550		6554		
		22-24	11200		10550		6554		

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WR-SR *	26th February 2022	00-05	11250	650	10600	3996	6604		
		05-22	11250		10600		6604		
		22-24	11250		10600		6604		
WR-SR *	27th February 2022	00-08	11250	650	10600	3996	6604		
		08-22	11200		10550		6554		
		22-24	11200		10550		6554		
WR-SR *	28th February 2022	00-08	11250	650	10600	3996	6604		Due to shutdown of 400KV-JEYPORE-GAZUWAKA-1
		08-22	11200		10550		6554	-50	
		22-24	11200		10550		6554	-50	
SR-WR *	1st February 2022 to 11th February 2022	00-24	7400	400	7000	983	6017		

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SR-WR *	12th February 2022	00-07	7400	400	7000	983	6017			
		07-24	6600	400	6200	983	5217			
SR-WR *	13th February 2022	00-07	7400	400	7000	983	6017			
		07-24	6600	400	6200	983	5217			
SR-WR *	14th February 2022 to 28th February 2022	00-24	7400	400	7000	983	6017			
ER-SR ^	1st February 2022 to 09th February 2022	00-06	5650	350	5300	2675	2625			
		06-18				2760	2540			
		18-24				2675	2625			
ER-SR ^	10th February 2022	00-06	5650	350	5300	2675	2625			
		06-08	5650			5300	2760			2540
		08-18	5350			5000	2760			2240
		18-24	5350			5000	2675			2325
ER-SR ^	11th February 2022 to 15th February 2022	00-06	5650	350	5300	2675	2625			
		06-18				2760	2540			
		18-24				2675	2625			
ER-SR ^	16th February 2022	00-06	5650	350	5300	2675	2625			
		06-18				2760	2540			
		18-24				2675	2625			
ER-SR ^	17th February 2022	00-06	5650	350	5300	2675	2625			
		06-18				2760	2540			
		18-24				2675	2625			
ER-SR ^	18th February 2022	00-06	5650	350	5300	2675	2625			
		06-18				2760	2540			
		18-24				2675	2625			
ER-SR ^	19th February 2022	00-06	5650	350	5300	2675	2625			
		06-08	5650		5300	2760	2540			
		08-18	5350		5000	2760	2240			
		18-24	5350		5000	2675	2325			

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ER-SR [^]	20th February 2022 to 24th February 2022	00-06	5650	350	5300	2675	2625		
		06-18				2760	2540		
		18-24				2675	2625		
ER-SR [^]	25th February 2022	00-06	5650	350	5300	2675	2625		
		06-08	5650		5300	2760	2540		
		08-18	5350		5000	2760	2240		
		18-24	5350		5000	2675	2325		
ER-SR [^]	26th February 2022	00-06	5650	350	5300	2675	2625		
		06-18				2760	2540		
		18-24				2675	2625		
ER-SR [^]	27th February 2022	00-06	5650	350	5300	2675	2625		
		06-08	5650		5300	2760	2540		
		08-18	5350		5000	2760	2240		
		18-24	5350		5000	2675	2325		
ER-SR [^]	28th February 2022	00-06	5650	350	5300	2675	2625		Due to shutdown of 400KV-JEYPORE-GAZUWAKA-1
		06-08	5650		5300	2760	2540		
		08-18	5350		5000	2760	2240	-300	
		18-24	5350		5000	2675	2325	-300	
SR-ER *	1st February 2022 to 28th February 2022	00-24	No limit is being Specified.						
ER-NER*	1st February 2022	00-02	1665	60	1605	455	1150		
		02-07	1665		1605	455	1150		
		07-12	1450		1390	455	935		
		12-17	1450		1390	455	935		
		17-21	1260		1200	455	745		
		21-24	1450		1390	455	935		
ER-NER*	2nd February 2022 to 28th February 2022	00-02	1665	60	1605	455	1150		
		02-07	1665		1605	455	1150		
		07-12	1665		1605	455	1150		
		12-17	1665		1605	455	1150		
		17-21	1445		1385	455	930		
		21-24	1665		1605	455	1150		
NER-ER*	1st February 2022	00-02	2925	60	2865	81	2784		
		02-07	2925		2865	81	2784		
		07-12	2675		2615	81	2534		
		12-17	2675		2615	81	2534		
		17-21	2575		2515	81	2434		
		21-24	2675		2615	81	2534		
NER-ER*	2nd February 2022 to 28th February 2022	00-02	2925	60	2865	81	2784		
		02-07	2925		2865	81	2784		
		07-12	2925		2865	81	2784		
		12-17	2925		2865	81	2784		
		17-21	2825		2765	81	2684		
		21-24	2925		2865	81	2784		

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W3 zone Injection	1st February 2022 to 28th February 2022	00-24	No limit is being specified (In case of any constraints appearing in the system, W3 zone export would be revised accordingly)						
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Note: TTC/ATC of S1-(S2&S3) corridor, Import of S3(Kerala), Import of Punjab and Import of DD & DNH is uploaded on NLDC website under Intra-Regional Section in Monthly ATC.

* 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.

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) KWPCCL, n)Vandana Vidyut o)RKM, p)GMR Raikhedra, 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 commissioned 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.

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 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 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.

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.

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
NR	1st February 2022 to 15th February 2022	00-06	25150	1400	23750	15804	7946		
			24200**		22800**	14854**			
		06-09	25150		23750	16193	7557		
			24200**		22800**	15243**			
		09-17	25150		23750	16193	7557		
			24200**		22800**	15243**			
17-18	25150	23750	16193	7557					
	24200**	22800**	15243**						
NR	16th February 2022	00-06	25400	1400	24000	15804	8196		
			24450**		23050**	14854**			
		06-08	25400		24000	16193	7807		
			24450**		23050**	15243**			
		08-17	25150		23750	16193	7557		
			24200**		22800**	15243**			
17-18	25150	23750	16193	7557					
	24200**	22800**	15243**						
NR	18-24	00-06	25150	1400	23750	15804	7946		
			24200**		22800**	14854**			
		06-09	24350		22950	16193	6757		
			23400**		22000**	15243**			
		09-17	24350		22950	16193	6757		
			23400**		22000**	15243**			
17-18	24350	22950	16193	6757					
	23400**	22000**	15243**						
NR	17th February 2022 to 18th February 2022	00-06	24350	1400	22950	15804	7146		
			23400**		22000**	14854**			
		06-09	24350		22950	16193	6757		
			23400**		22000**	15243**			
		09-17	24350		22950	16193	6757		
			23400**		22000**	15243**			
17-18	24350	22950	16193	6757					
	23400**	22000**	15243**						
NR	18-24	00-06	24350	1400	22950	15804	7146		
			23400**		22000**	14854**			
		06-09	24350		22950	16193	6757		
			23400**		22000**	15243**			
		09-17	24350		22950	16193	6757		
			23400**		22000**	15243**			
17-18	24350	22950	16193	6757					
	23400**	22000**	15243**						

NR	19th February 2022	00-06	24350	1400	22950	15804	7146		
			23400**		22000**	14854**			
		06-09	24350		22950	16193	6757		
			23400**		22000**	15243**			
		09-17	24350		22950	16193	6757		
23400**	22000**		15243**						
17-18	24350	22950	16193	6757					
	23400**	22000**	15243**						
18-24	24350	22950	15804	7146					
	23400**	22000**	14854**						
NR	20th February 2022	00-06	25150	1400	23750	15804	7946		
			24200**		22800**	14854**			
		06-09	25150		23750	16193	7557		
			24200**		22800**	15243**			
		09-17	25150		23750	16193	7557		
24200**	22800**		15243**						
17-18	25150	23750	16193	7557					
	24200**	22800**	15243**						
18-24	25150	23750	15804	7946					
	24200**	22800**	14854**						
NR	21st February 2022	00-06	25150	1400	23750	15804	7946		
			24200**		22800**	14854**			
		06-10	25150		23750	16193	7557		
			24200**		22800**	15243**			
		10-17	25150		23750	16193	7557		
24200**	22800**		15243**						
17-18	25150	23750	16193	7557					
	24200**	22800**	15243**						
18-24	25150	23750	15804	7946					
	24200**	22800**	14854**						
NR	22nd February 2022 to 25th February 2022	00-06	25150	1400	23750	15804	7946		
			24200**		22800**	14854**			
		06-09	25150		23750	16193	7557		
			24200**		22800**	15243**			
		09-17	25150		23750	16193	7557		
24200**	22800**		15243**						
17-18	25150	23750	16193	7557					
	24200**	22800**	15243**						
18-24	25150	23750	15804	7946					
	24200**	22800**	14854**						

NR	26th February 2022	00-06	25150 24200**	1400	23750 22800**	15804 14854**	7946		
		06-10	25150 24200**		23750 22800**	16193 15243**	7557		
		10-17	23250 22300**		21850 20900**	16193 15243**	5657		
		17-18	23250 22300**		21850 20900**	16193 15243**	5657		
		18-24	23250 22300**		21850 20900**	15804 14854**	6046		
NR	27th February 2022 to 28th February 2022	00-06	25150 24200**	1400	23750 22800**	15804 14854**	7946		
		06-09	25150 24200**		23750 22800**	16193 15243**	7557		
		09-17	25150 24200**		23750 22800**	16193 15243**	7557		
		17-18	25150 24200**		23750 22800**	16193 15243**	7557		
		18-24	25150 24200**		23750 22800**	15804 14854**	7946		
NER*	1st February 2022	00-02	1165	60	1105	455	650		
		02-07	1165		1105	455	650		
		07-12	950		890	455	435		
		12-17	950		890	455	435		
		17-21	760		700	455	245		
		21-24	950		890	455	435		
NER*	2nd February 2022 to 28th February 2022	00-02	1165	60	1105	455	650		
		02-07	1165		1105	455	650		
		07-12	1165		1105	455	650		
		12-17	1165		1105	455	650		
		17-21	945		885	455	430		
		21-24	1165		1105	455	650		
WR*									
SR*#	1st February 2022 to 09th February 2022	00-06	16900	1000	15900	6671	9229		
		06-18	16900		15900	6756	9144		
		18-24	16900		15900	6671	9229		

SR^o#	10th February 2022	00-06	16900	1000	15900	6671	9229		
		06-08	16900		15900	6756	9144		
		08-18	16550		15550	6756	8794		
		18-24	16550		15550	6671	8879		
SR^o#	11th February 2022	00-06	16900	1000	15900	6671	9229		
		06-18	16900		15900	6756	9144		
		18-24	16900		15900	6671	9229		
SR^o#	12th February 2022	00-06	16900	1000	15900	6671	9229		
		06-07	16900		15900	6756	9144		
		07-18	16350		15350	6756	8594		
		18-24	16350		15350	6671	8679		
SR^o#	13th February 2022	00-06	16900	1000	15900	6671	9229		
		06-07	16900		15900	6756	9144		
		07-18	16350		15350	6756	8594		
		18-24	16350		15350	6671	8679		
SR^o#	14th February 2022 to 15th February 2022	00-06	16900	1000	15900	6671	9229		
		06-18	16900		15900	6756	9144		
		18-24	16900		15900	6671	9229		
SR^o#	16th February 2022	00-06	16900	1000	15900	6671	9229		
		06-18	16900		15900	6756	9144		
		18-24	16900		15900	6671	9229		
SR^o#	17th February 2022	00-06	16900	1000	15900	6671	9229		
		06-18	16900		15900	6756	9144		
		18-24	16900		15900	6671	9229		
SR^o#	18th February 2022	00-06	16900	1000	15900	6671	9229		
		06-18	16900		15900	6756	9144		
		18-24	16900		15900	6671	9229		

SR^{##}	19th February 2022	00-06	16900	1000	15900	6671	9229		
		06-08	16900		15900	6756	9144		
		08-18	16550		15550	6756	8794		
		18-24	16550		15550	6671	8879		
SR^{##}	20th February 2022 to 24th February 2022	00-06	16900	1000	15900	6671	9229		
		06-18	16900		15900	6756	9144		
		18-24	16900		15900	6671	9229		
SR^{##}	25th February 2022	00-06	16900	1000	15900	6671	9229		
		06-08	16900		15900	6756	9144		
		08-18	16550		15550	6756	8794		
		18-24	16550		15550	6671	8879		

SR**	26th February 2022	00-06	16900	1000	15900	6671	9229		
		06-18	16900		15900	6756	9144		
		18-24	16900		15900	6671	9229		
SR**	27th February 2022	00-06	16900	1000	15900	6671	9229		
		06-08	16900		15900	6756	9144		
		08-18	16550		15550	6756	8794		
		18-24	16550		15550	6671	8879		
SR**	28th February 2022	00-06	16900	1000	15900	6671	9229		Due to shutdown of 400KV-JEYPORE- GAZUWAKA-1
		06-08	16900		15900	6756	9144		
		08-18	16550		15550	6756	8794	-350	
		18-24	16550		15550	6671	8879	-350	

* 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.

Simultaneous Export 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
NR*	1st February 2022 to 28th February 2022	00-06	4500	700	3800	721	3079		
		06-18				3697	103		
		18-24				721	3079		
NER*	1st February 2022	00-02	3425	60	3365	81	3284		
		02-07	3425			81	3284		
		07-12	3175			81	3034		
		12-17	3175			81	3034		
		17-21	3075			81	2934		
		21-24	3175			81	3034		
NER*	2nd February 2022 to 28th February 2022	00-02	3425	60	3365	81	3284		
		02-07	3425			81	3284		
		07-12	3425			81	3284		
		12-17	3425			81	3284		
		17-21	3325			81	3184		
		21-24	3425			81	3284		
WR*									
SR*^	1st February 2022 to 11th February 2022	00-24	6350	400	5950	1804	4146		
SR*^	12th February 2022	00-07	6350	400	5950	1804	4146		
		07-24	5550	400	5150	1804	3346		
SR*^	13th February 2022	00-07	6350	400	5950	1804	4146		
		07-24	5550	400	5150	1804	3346		
SR*^	14th February 2022 to 28th February 2022	00-24	6350	400	5950	1804	4146		
* 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).									
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 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 to 20
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	Rev- 0 to 20
ER-NR	Inter-regional flow pattern towards NR	Rev- 0 to 20
WR-SR and ER-SR	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 to 20
SR-WR	a) N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt	Rev- 0 to 20
ER-NER	a) N-1 contingency of 400 kV Bongaigaon - Killing line b) High Loading of 220 kV Salakati - BTPS D/C	Rev- 0 to 20
NER-ER	a) N-1 contingency of 220 kV BTPS-Salakati I or II b) High Loading of 220 kV BTPS-Salakati II or I	Rev- 0 to 20
W3 zone Injection	---	Rev- 0 to 20

Limiting Constraints (Simultaneous)

		Applicable Revisions
NR	Import	Inter-regional flow pattern towards NR N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit
	Export	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. (n-1) contingency of 400 kV Saranath-Pusauli
NER	Import	a) N-1 contingency of 400 kV Bongaigaon - Killing line b) High Loading of 220 kV Salakati - BTPS D/C
	Export	a) N-1 contingency of 220 kV BTPS-Salakati I or II b) High Loading of 220 kV BTPS-Salakati II or I
SR	Import	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
	Export	N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt

**National Load Despatch Centre
Total Transfer Capability for February 2022**

Revision No	Date of Revision	Period of Revision	Reason for Revision/Comment	Corridor Affected
1	28th November 2021	Whole Month	Revised STOA margin due to a) Operationalization of LTA OF 300 MW from RSBPL_FTG2 to Maharashtra b) Operationalization of LTA OF 100 from ASunceEPL_BKN to Maharashtra c) Operationalization of LTA OF 250 from MRPL to CSEB d) Operationalization of LTA OF 250 MW from ACSEPL_BHADLA to Maharashtra e) Operationalization of LTA from AP41PL_BHDL to ODISHA	NR-ER/NR-WR/NR Export
			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
2	28th December 2021	Whole Month	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 BSHPCCL c) Increase in LTA of 33 MW from AP41PL_BHDL to Odisha	NR-ER/NR-WR/NR Export
			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
4	28th January 2021	Whole Month	Revised STOA margin due to a) Operationalization of LTA OF 200 MW from ARERJL to Maharashtra b) Operationalization of LTA OF 75.55 MW from AvSusRJPPL_BKN to TSSPDCL c) Operationalization of LTA OF 29.45 MW from AvSusRJPPL_BKN to TSSPDCL d) Operationalization of LTA OF 200 MW from AP43PL_BKN to JBVNL e) Increase in quantum of LTA by 33.33 MW from AP41PL_BHDL to ODISHA	NR-ER/NR-WR/NR Export
			Revised STOA margin due to a) Increase in quantum of LTA by 10 MW from BRBCL(Railway) to DELHI b) Increase in quantum of LTA by 40 MW from BRBCL(Railway) to HARYANA c) Decrease in quantum of LTA by 35 MW from BRBCL(Railway) to UTTAR PRADESH(UP -STU)	ER-NR/NR Import
			Revised STOA margin due to a) Increase in quantum of LTA by 44.17 MW from From Fatehgarh-II Solar to Telangana b) Increase in quantum of LTA by 73.62 MW from From Bhadla-II Solar to Telangana	WR-SR/SR Import
			Revised STOA margin due to increase in LTA by 20 MW from HIRIYUR_OSTROKANNADA to Bihar	SR Export
5	30th January 2022	1st February 2022 to 15th February 2022	Due to extension of shutdown of 765KV-WARDHA-AURANGABAD-3 & 4	ER-SR/WR-SR/SR Import
		1st February 2022 to 15th February 2022	Due to shutdown of 400 kV Bongaigaon- Azara line	ER-NR/NER Import/NER-ER/NR Export
		1st February 2022	Due to shutdown of 400 KV MAHINDERGARH(APL)-DHANODA(HV) (ATIL) CKT-1	ER-NR/WR-NR/NR Import
6	08th February 2022	10th February 2022	Due to shutdown of 400KV-MEERAMUNDALI-BOLANGIR-1	ER-SR/WR-SR/SR Import
7	10th February 2022	12th February 2022	TTC/ATC Revised due to shutdown of 765KV-RAICHUR_PG-SHOLAPUR-2	ER-SR/WR-SR/SR Import/SR-WR/SR Export
8	11th February 2022	13th February 2022	TTC/ATC Revised due to shutdown of 765KV-RAICHUR_PG-SHOLAPUR-2	ER-SR/WR-SR/SR Import/SR-WR/SR Export
9	14th February 2022	16th February 2022	Due to extension of shutdown of 765KV-WARDHA-AURANGABAD-3 & 4	ER-SR/WR-SR/SR Import
		16th to 28th Feb 2022	Due to shutdown of 400 KV MAHINDERGARH(APL)-DHANODA(HV) (ATIL) CKT-2	ER-NR/WR-NR/NR Import
10	15th February 2022	17th February 2022	Due to extension of shutdown of 765KV-WARDHA-AURANGABAD-3 & 4	ER-SR/WR-SR/SR Import
		17th to 18th Feb 2022	Due to extension of shutdown of 400 KV MAHINDERGARH(APL)-DHANODA(HV) (ATIL) CKT-1	ER-NR/WR-NR/NR Import
11	16th February 2022	18th February 2022 to 28th February 2022	Due to extension of shutdown of 765KV-WARDHA-AURANGABAD-3 & 4	ER-SR/WR-SR/SR Import
12	17th Feb 2022	19th Feb 2022	Due to shutdown of 400KV-RENGALI-INDRAVATI-1	ER-SR/WR-SR/SR Import
			Due to extension of shutdown of 400 KV MAHINDERGARH(APL)-DHANODA(HV) (ATIL) CKT-1	ER-NR/WR-NR/NR Import
13	18th Feb 2022	20th Feb 2022	Due to extension of shutdown of 400 KV MAHINDERGARH(APL)-DHANODA(HV) (ATIL) CKT-1	ER-NR/WR-NR/NR Import
14	19th Feb 2022	20th Feb 2022	Due to revival of 400 KV MAHINDERGARH(APL)-DHANODA(HV) (ATIL) CKT-1	ER-NR/WR-NR/NR Import
15	19th Feb 2022	21st Feb 2022	TTC/ATC Revised due to the shutdown of 765 KV VARANASI(PG)-VINDHYACHALPOOL(PG) (PVTSL) CKT-1	ER-NR/WR-NR/NR Import
16	20th Feb 2022	21st Feb 2022	TTC/ATC Revised due to the deferment of shutdown of 765 KV VARANASI(PG)-VINDHYACHALPOOL(PG) (PVTSL) CKT-1	ER-NR/WR-NR/NR Import
17	23rd Feb 2022	25th Feb 2022	Due to shutdown of 400KV-RENGALI-INDRAVATI-1	ER-SR/WR-SR/SR Import
18	24th Feb 2022	26th Feb 2022	TTC/ATC Revised due to the shutdown of 765 KV VARANASI(PG)-VINDHYACHALPOOL(PG) (PVTSL) CKT-2	ER-NR/WR-NR/NR Import
19	25th Feb 2022	27th Feb 2022	Due to shutdown of 400KV-JEYPORE-GAZUWAKA-1	ER-SR/WR-SR/SR Import
20	26th Feb 2022	28th Feb 2022	Due to shutdown of 400KV-JEYPORE-GAZUWAKA-1	ER-SR/WR-SR/SR Import

ASSUMPTIONS IN BASECASE					
					Month : February 2022
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	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/PPs	48	48	21958	20013
	Total NR	62875	60100	50903	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
5	West Bengal	9704	8401	7033	6210
6	Sikkim	119	116	0	0
7	Bhutan	181	181	2325	2325
8	ISGS/PPs	810	810	15771	11533
	Total ER	26808	23662	35850	28906
III	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/PPs	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/PPs	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/PPs	0	0	2371	2370
	Total NER	3269	2494	3967	3847
	Total All India	186067	169164	194946	176088