

**National Load Despatch Centre
Total Transfer Capability for February 2021**

Issue Date: 17th February 2021

Issue Time: 17:30 hrs

Revision No. 22

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 2021 to 28th February 2021	00-06	2500	500	2000	195	1805		
		06-18				1281	719		
		18-24				195	1805		
WR-NR*	1st February 2021 to 04th February 2021	00-06	17850	500	17350	10800	6550		
			16900**		16400**	9850**			
		06-18	17850	500	17350	11189	6161		
			16900**		16400**	10239**			
		18-24	17850	500	17350	10800	6550		
			16900**		16400**	9850**			
	05th February 2021	00-06	17850	500	17350	10858	6492		
			16900**		16400**	9908**			
		06-18	17850	500	17350	11247	6103		
			16900**		16400**	10297**			
		18-24	17850	500	17350	10858	6492		
			16900**		16400**	9908**			
	06th February 2021 to 08th February 2021	00-06	16650	500	16150	10858	5292		
			15700**		15200**	9908**			
		06-18	16650	500	16150	11247	4903		
			15700**		15200**	10297**			
		18-24	16650	500	16150	10858	5292		
			15700**		15200**	9908**			
	09th February 2021	00-06	16650	500	16150	10858	5292		
			15700**		15200**	9908**			
		06-08	16650	500	16150	11247	4903		
			15700**		15200**	10297**			
		08-18	15600	500	15100	11247	3853		
			14650**		14150**	10297**			
10th February 2021 to 11th February 2021	00-06	17850	500	17350	10881	6469			
		16900**		16400**	9931**				
	06-08	17850	500	17350	11270	6080			
		16900**		16400**	10320**				
	08-18	16800	500	16300	11270	5030			
		15850**		15350**	10320**				
12th February 2021 to 15th February 2021	00-06	17850	500	17350	10881	6469			
		16900**		16400**	9931**				
	06-18	17850	500	17350	11270	6080			
		16900**		16400**	10320**				
	18-24	17850	500	17350	10881	6469			
		16900**		16400**	9931**				

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WR-NR*	16th February 2021 to 19th February 2021	00-06	17400 16450**	500	16900 15950**	10881 9931**	6019		
		06-18	17400 16450**	500	16900 15950**	11270 10320**	5630		
		18-24	17400 16450**	500	16900 15950**	10881 9931**	6019		
	20th February 2021 to 28th February 2021	00-06	17850 16900**	500	17350 16400**	10881 9931**	6469		
		06-18	17850 16900**	500	17350 16400**	11270 10320**	6080		
		18-24	17850 16900**	500	17350 16400**	10881 9931**	6469		
NR-ER*	1st February 2021 to 12th February 2021	00-06	2000	200	1800	193	1607		
		06-18	2000		1800	303	1497		
		18-24	2000		1800	193	1607		
NR-ER*	13th February 2021 to 28th February 2021	00-06	2000	200	1800	193	1607		
		06-18	2000		1800	603	1197		
		18-24	2000		1800	193	1607		
ER-NR*	1st February 2021 to 05th February 2021	00-24	5500	300	5200	4066	1134		
ER-NR*	06th February 2021 to 08th February 2021	00-24	5400	300	5100	4066	1034		
ER-NR*	9th February 2021	00-08	5400	300	5100	4066	1034		
		08-24	5050	300	4750	4066	684		
ER-NR*	10th February 2021 to 11th February 2021	00-08	5500	300	5200	4066	1134		
		08-24	5150	300	4850	4066	784		
ER-NR*	11th February 2021 to 12th February 2021	00-24	5500	300	5200	4066	1134		
ER-NR*	13th February 2021 to 15th February 2021	00-24	5500	300	5200	4181	1019		
ER-NR*	16th February 2021 to 19th February 2021	00-24	5400	300	5100	4181	919		
ER-NR*	20th February 2021 to 28th February 2021	00-24	5500	300	5200	4181	1019		
W3-ER	1st February 2021 to 28th February 2021	00-24	No limit is being specified.						
ER-W3	1st February 2021 to 28th February 2021	00-24	No limit is being specified.						
WR-SR^	1st February 2021	00-05	8000	500	7500	4073	3427		
		05-12	8000		7500		3427		
		12-22	6700		6200		2127		
		22-24	6700		6200		2127		
WR-SR^	2nd February 2021	00-05	8000	500	7500	4073	3427		
		05-12	8000		7500		3427		
		12-22	6700		6200		2127		
		22-24	6700		6200		2127		

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WR-SR [^]	3rd February 2021	00-05	8000	500	7500	4073	3427					
		05-12	8000		7500		3427					
		12-22	6700		6200		2127					
		22-24	6700		6200		2127					
WR-SR [^]	4th February 2021	00-07	6700	500	6200	4073	2127					
		07-22	6200		5700		1627					
		22-24	6200		5700		1627					
WR-SR [^]	5th February 2021	00-05	8000	500	7500	4107	3393					
		05-09	8000		7500		3393					
		09-22	6700		6200		2093					
		22-24	6700		6200		2093					
WR-SR [^]	6th February 2021	00-07	8000	500	7500	4107	3393					
		07-12	7400		6900		2793					
		12-22	6050		5550		1443					
		22-24	6050		5550		1443					
WR-SR [^]	7th February 2021	00-05	8000	500	7500	4107	3393					
		05-07	8000		7500		3393					
		07-22	7400		6900		2793					
		22-24	7400		6900		2793					
WR-SR [^]	8th February 2021 to 9th February 2021	00-07	8000	500	7500	4107	3393					
		07-12	7750		7250		3143					
		12-24	6200		5700		1593					
WR-SR [^]	10th February 2021	00-05	8000	500	7500	4107	3393					
		05-12	8000		7500		3393					
		12-22	6700		6200		2093					
		22-24	6700		6200		2093					
WR-SR [^]	11th February 2021 to 12th February 2021	00-05	8000	500	7500	4107	3393					
		05-22	8000		7500		3393					
		22-24	8000		7500		3393					
WR-SR [^]	13th February 2021 to 14th February 2021	00-05	8000	500	7500	4107	3393					
		05-07	8000		7500		3393					
		07-22	7150		6650		2543					
		22-24	7150		6650		2543					
WR-SR [^]	15th February 2021 to 18th February 2021	00-05	8000	500	7500	4107	3393					
		05-22	8000		7500		3393					
		22-24	8000		7500		3393					
WR-SR [^]	19th February 2021	00-05	8000	500	7500	4107	3393		Revised TTC/ATC due to shutdown of HVDC Bhadrawati Pole-1			
		05-07	8000		7500		3393					
		07-22	7100		6600		2493	-900				
		22-24	7100		6600		2493	-900				
WR-SR [^]	20th February 2021 to 28th February 2021	00-05	8000	500	7500	4107	3393					
		05-22	8000		7500		3393					
		22-24	8000		7500		3393					
SR-WR [*]	1st February 2021 to 28th February 2021	00-24	4600	400	4200	550	3650					
ER-SR [^]	1st February 2021 to 18th February 2021	00-06	5900	250	5650	2673	2977					
		06-18					2758	2892				
		18-24					2673	2977				
ER-SR [^]	19th February 2021	00-06	5900	250	5650	2673	2977		Revised TTC/ATC due to shutdown of HVDC Bhadrawati Pole-1			
		06-07					5900	5650		2758	2892	
		07-18					5750	5500		2758	2742	-150
		18-24					5750	5500		2673	2827	-150
ER-SR [^]	20th February 2021 to 28th February 2021	00-06	5900	250	5650	2673	2977					
		06-18					2758	2892				
		18-24					2673	2977				

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SR-ER *	1st February 2021 to 28th February 2021	00-24	No limit is being Specified.						
ER-NER*	1st February 2021 to 8th February 2021	00-02	1450	45	1405	474	931		
		02-07	1450		1405	474	931		
		07-12	1450		1405	474	931		
		12-17	1450		1405	474	931		
		17-21	1020		975	474	501		
		21-24	1450		1405	474	931		
ER-NER*	9th February 2021	00-02	1450	45	1405	474	931		
		02-07	1450		1405	474	931		
		07-12	1140		1095	474	621		
		12-17	1140		1095	474	621		
		17-21	770		725	474	251		
		21-24	1140		1095	474	621		
ER-NER*	10th February 2021 to 28th February 2021	00-02	1450	45	1405	474	931		
		02-07	1450		1405	474	931		
		07-12	1450		1405	474	931		
		12-17	1450		1405	474	931		
		17-21	1020		975	474	501		
		21-24	1450		1405	474	931		
NER-ER*	1st February 2021 to 8th February 2021	00-02	2850	45	2805	62	2743		
		02-07	2850		2805	62	2743		
		07-12	2850		2805	62	2743		
		12-17	2850		2805	62	2743		
		17-21	2950		2905	62	2843		
		21-24	2850		2805	62	2743		
NER-ER*	9th February 2021	00-02	2850	45	2805	62	2743		
		02-07	2850		2805	62	2743		
		07-12	2700		2655	62	2593		
		12-17	2700		2655	62	2593		
		17-21	2800		2755	62	2693		
		21-24	2700		2655	62	2593		
NER-ER*	10th February 2021 to 28th February 2021	00-02	2850	45	2805	62	2743		
		02-07	2850		2805	62	2743		
		07-12	2850		2805	62	2743		
		12-17	2850		2805	62	2743		
		17-21	2950		2905	62	2843		
		21-24	2850		2805	62	2743		

W3 zone Injection	1st February 2021 to 28th February 2021	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)JDB Power, m) KWPCCL, n)Vandana Viduyut o)RKLM, 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.

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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 2021 to 04th February 2021	00-06	23350	800	22550	14866	7684		
			22400**		21600**	13916**			
		06-09	23350		22550	15255	7295		
			22400**		21600**	14305**			
		09-17	23350		22550	15255	7295		
22400**	21600**		14305**						
17-18	23350	22550	15255	7295					
18-24	23350	22550	14866	7684					
22400**	21600**	13916**							
NR*	05th February 2021	00-06	23350	800	22550	14924	7626		
			22400**		21600**	13974**			
		06-09	23350		22550	15313	7237		
			22400**		21600**	14363**			
		09-17	23350		22550	15313	7237		
22400**	21600**		14363**						
17-18	23350	22550	15313	7237					
18-24	23350	22550	14924	7626					
22400**	21600**	13974**							
NR*	06th February 2021 to 08th February 2021	00-06	22050	800	21250	14924	6326		
			21100**		20300**	13974**			
		06-09	22050		21250	15313	5937		
			21100**		20300**	14363**			
		09-17	22050		21250	15313	5937		
21100**	20300**		14363**						
17-18	22050	21250	15313	5937					
18-24	22050	21250	14924	6326					
21100**	20300**	13974**							

NR*	9th February 2021	00-06	22050	800	21250	14924	6326	
			21100**		20300**	13974**		
		06-08	22050		21250	15313	5937	
			21100**		20300**	14363**		
		08-09	20650		19750	15313	4537	
			19700**		18900**	14363**		
09-17	20650	19750	15313	4537				
	19700**	18900**	14363**					
17-18	20650	19750	15313	4537				
	19700**	18900**	14363**					
18-24	20650	19750	14924	4926				
	19700**	18900**	13974**					
NR*	10th February 2021 to 11th February 2021	00-06	23350	800	22550	14948	7602	
			22400**		21600**	13998**		
		06-08	23350		22550	15337	7213	
			22400**		21600**	14387**		
		08-09	21950		21150	15337	5813	
			21000**		20200**	14387**		
09-17	21950	21150	15337	5813				
	21000**	20200**	14387**					
17-18	21950	21150	15337	5813				
	21000**	20200**	14387**					
18-24	21950	21150	14948	6202				
	21000**	20200**	13998**					
NR*	12th February 2021	00-06	23350	800	22550	14948	7602	
			22400**		21600**	13998**		
		06-09	23350		22550	15337	7213	
			22400**		21600**	14387**		
		09-17	23350		22550	15337	7213	
			22400**		21600**	14387**		
17-18	23350	22550	15337	7213				
	22400**	21600**	14387**					
18-24	23350	22550	14948	7602				
	22400**	21600**	13998**					

NR*	13th February 2021 to 15th February 2021	00-06	23350	800	22550	15063	7487	
			22400**		21600**	14113**		
		06-09	23350		22550	15452	7098	
			22400**		21600**	14502**		
		09-17	23350		22550	15452	7098	
22400**	21600**		14502**					
17-18	23350	22550	15452	7098				
	22400**	21600**	14502**					
18-24	23350	22550	15063	7487				
	22400**	21600**	14113**					
NR*	16th February 2021 to 19th February 2021	00-06	22800	800	22000	15063	6937	
			21850**		21050**	14113**		
		06-09	22800		22000	15452	6548	
			21850**		21050**	14502**		
		09-17	22800		22000	15452	6548	
21850**	21050**		14502**					
17-18	22800	22000	15452	6548				
	21850**	21050**	14502**					
18-24	22800	22000	15063	6937				
	21850**	21050**	14113**					
NR*	20th February 2021 to 28th February 2021	00-06	23350	800	22550	15063	7487	
			22400**		21600**	14113**		
		06-09	23350		22550	15452	7098	
			22400**		21600**	14502**		
		09-17	23350		22550	15452	7098	
22400**	21600**		14502**					
17-18	23350	22550	15452	7098				
	22400**	21600**	14502**					
18-24	23350	22550	15063	7487				
	22400**	21600**	14113**					
NER*	1st February 2021 to 8th February 2021	00-02	1450	45	1405	474	931	
			1450		1405	474	931	
		02-07	1450		1405	474	931	
			1450		1405	474	931	
		07-12	1450		1405	474	931	
			1450		1405	474	931	
12-17	1450	1405	474	931				
	1450	1405	474	931				
17-21	1020	975	474	501				
	1450	1405	474	931				
21-24	1450	1405	474	931				
	1450	1405	474	931				

NER*	9th February 2021	00-02	1450	45	1405	474	931	
		02-07	1450		1405	474	931	
		07-12	1140		1095	474	621	
		12-17	1140		1095	474	621	
		17-21	770		725	474	251	
		21-24	1140		1095	474	621	
NER*	10th February 2021 to 28th February 2021	00-02	1450	45	1405	474	931	
		02-07	1450		1405	474	931	
		07-12	1450		1405	474	931	
		12-17	1450		1405	474	931	
		17-21	1020		975	474	501	
		21-24	1450		1405	474	931	
WR*								
SR*#	1st February 2021	00-06	13900	750	13150	6746	6404	
		06-12	13900		13150	6831	6319	
		12-18	12600		11850	6831	5019	
		18-24	12600		11850	6746	5104	
SR*#	2nd February	00-06	13900	750	13150	6746	6404	
		06-12	13900		13150	6831	6319	
		12-18	12600		11850	6831	5019	
		18-24	12600		11850	6746	5104	
SR*#	3rd February 2021	00-06	13900	750	13150	6746	6404	
		06-12	13900		13150	6831	6319	
		12-18	12600		11850	6831	5019	
		18-24	12600		11850	6746	5104	
SR*#	4th February 2021	00-06	12600	750	11850	6746	5104	
		06-07	12600		11850	6831	5019	
		07-18	12100		11350	6831	4519	
		18-24	12100		11350	6746	4604	
SR*#	5th February 2021	00-06	13900	750	13150	6780	6370	
		06-09	13900		13150	6865	6285	
		09-18	12600		11850	6865	4985	
		18-24	12600		11850	6780	5070	
SR*#	6th February 2021	00-06	13900	750	13150	6780	6370	
		06-07	13900		13150	6865	6285	
		07-12	13300		12550	6865	5685	
		12-18	11950		11200	6865	4335	
		18-24	11950		11200	6780	4420	

SR [#]	7th February 2021	00-06	13900	750	13150	6780	6370	
		06-07	13900		13150	6865	6285	
		07-18	13300		12550	6865	5685	
		18-24	13300		12550	6780	5770	
SR [#]	8th February 2021 to 9th February 2021	00-06	13900	750	13150	6780	6370	
		06-07	13900		13150	6865	6285	
		07-12	13650		12900	6865	6035	
		12-18	12100		11350	6865	4485	
		18-24	12100		11350	6780	4570	
SR [#]	10th February 2021	00-06	13900	750	13150	6780	6370	
		06-12	13900		13150	6865	6285	
		12-18	12600		11850	6865	4985	
		18-24	12600		11850	6780	5070	
SR [#]	11th February 2021 to 12th February 2021	00-06	13900	750	13150	6780	6370	
		06-18	13900		13150	6865	6285	
		18-24	13900		13150	6780	6370	
SR [#]	13th February 2021 to 14th February 2021	00-06	13900	750	13150	6780	6370	
		06-07	13900		13150	6865	6285	
		07-18	13050		12300	6865	5435	
		18-24	13050		12300	6780	5520	
SR [#]	15th February 2021 to 18th February 2021	00-06	13900	750	13150	6780	6370	
		06-18	13900		13150	6865	6285	
		18-24	13900		13150	6780	6370	
SR [#]	19th February 2021	00-06	13900	750	13150	6780	6370	
		06-07	13900		13150	6865	6285	
		07-18	12850		12100	6865	5235	-1050
		18-24	12850		12100	6780	5320	-1050
SR [#]	20th February 2021 to 28th February 2021	00-06	13900	750	13150	6780	6370	
		06-18	13900		13150	6865	6285	
		18-24	13900		13150	6780	6370	

* 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 - Vindhyaachal 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 2021 to 12th February 2021	00-06	4500	700	3800	388	3412		
		06-18			3800	1584	2216		
		18-24	4500		3800	388	3412		
NR*	13th February 2021 to 28th February 2021	00-06	4500	700	3800	388	3412		
		06-18			3800	1884	1916		
		18-24	4500		3800	388	3412		
NER*	1st February 2021 to 8th February 2021	00-02	2850	45	2805	62	2743		
		02-07	2850		2805	62	2743		
		07-12	2850		2805	62	2743		
		12-17	2850		2805	62	2743		
		17-21	2950		2905	62	2843		
		21-24	2850		2805	62	2743		
NER*	9th February 2021	00-02	2850	45	2805	62	2743		
		02-07	2850		2805	62	2743		
		07-12	2700		2655	62	2593		
		12-17	2700		2655	62	2593		
		17-21	2800		2755	62	2693		
		21-24	2700		2655	62	2593		
NER*	10th February 2021 to 28th February 2021	00-02	2850	45	2805	62	2743		
		02-07	2850		2805	62	2743		
		07-12	2850		2805	62	2743		
		12-17	2850		2805	62	2743		
		17-21	2950		2905	62	2843		
		21-24	2850		2805	62	2743		
WR*									
SR*^	1st February 2021 to 28th February 2021	00-24	3700	400	3300	1150	2150		

* 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 1000 MVA, 765/400 kV ICT at Orai will overload the other ICT	Rev- 0	
	N-1 contingency of 1500 MVA, 765/400 kV ICT at Agra will overload the other ICT	Rev- 1 to 22	
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	Rev- 0 to 22	
ER-NR	1. N-1 contingency of 400 kV Mejia-Maithon A line will overload the other ckt. 2. Inter-regional flow pattern towards NR	Rev- 0 to 22	
WR-SR and ER-SR	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT	Rev- 0 to 22	
	Low Voltage at Gazuwaka (East) Bus.		
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 22	
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 22	
NER-ER	a) N-1 contingency of 400 kV Silchar- Azara line b) High Loading of 400 kV Silchar-Killing Line	Rev- 0 to 22	
W3 zone Injection	---	Rev- 0 to 22	
Limiting Constraints (Simultaneous)		Applicable Revisions	
NR	Import	1. N-1 contingency of 400 kV Mejia-Maithon A line will overload the other ckt. 2. Inter-regional flow pattern towards NR	Rev- 0 to 22
		N-1 contingency of 1000 MVA, 765/400 kV ICT at Orai will overload the other ICT	Rev- 0
	Export	N-1 contingency of 1500 MVA, 765/400 kV ICT at Agra will overload the other ICT	Rev- 1 to 22
		(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. (n-1) contingency of 400 kV Saranath-Pusauli	Rev- 0 to 22
NER	Import	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C	Rev- 0 to 22
	Export	a) N-1 contingency of 400 kV Silchar- Azara line b) High Loading of 400 kV Silchar-Killing Line	Rev- 0 to 22
SR	Import	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT	Rev- 0 to 22
		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 N-1 contingency of 500 MVA ICT at 400 kV Kolhapur-MS will overload the other 2x315 MVA ICTs	Rev- 0 to 22

National Load Despatch Centre
Total Transfer Capability for February 2021

Revision No	Date of Revision	Period of Revision	Reason for Revision/Comment	Corridor Affected
1	28th Dec 2020	Whole Month	a) Revision in STOA margin due to change in LTA Quantum from RWE_APL2_SECI-III (Ghadsisa, Wind) to Haryana from earlier 95 MW to 160 MW. b) Revision in TTC/ATC due to change in direction of HVDC BNC-AGRA as per grid requirement	WR-NR/Import of NR
2	28th January 2021	Whole Month	a) Revision in STOA margin of WR-NR/Import of NR due to change in LTA quantum from RWE_APL2_SECI-III (Ghadsisa, Wind) to Haryana from earlier 160 MW to 212.19 MW. b) Revision in STOA margin of WR-NR/Import of NR due to change in LTA quantum from ALFANAR_SECI-III to BYPL & BRPL from earlier 39.1 MW to 41.9 MW respectively. 1) Change in Load-Generation of NER 2) Addition of 3rd unit (1x150 MW) of 4 x 150 MW Kameng Generation 3) Commissioning of 400 kV Imphal(PG) - New Kohima - New Mariani link and associated elements 4) Commissioning of 400/220 kV, 315 MVA ICT II at New Mariani 5) LTA figure revised in NER-ER after declaration of commercial operation of Kameng HEP (4x150MW) unit3 w.e.f 00:00Hrs of 22.01.2021	WR-NR/Import of NR NER Import/Export
3	30th January 2021	01st Feb 2021	Revised TTC/ATC due to s/d of HVDC Raigarh - Pugalur Pole1 due to testing of Pole-3	WR-SR/SR Import
4	31st January 2021	02nd Feb 2021	Revised TTC/ATC due to s/d of HVDC Raigarh - Pugalur Pole1 due to testing of Pole-3	WR-SR/SR Import
5	01st February 2021	03rd Feb 2021	Revised TTC/ATC due to s/d of HVDC Raigarh - Pugalur Pole1 due to testing of Pole-3	WR-SR/SR Import
6	2nd February 2021	4th Feb 2021	Revised TTC/ATC due to s/d of HVDC Raigarh - Pugalur Pole1 due to testing of Pole-3	WR-SR/SR Import
7	3rd February 2021	5th Feb 2021	Revised TTC/ATC due to s/d of HVDC Raigarh - Pugalur Pole1 due to testing of Pole-3	WR-SR/SR Import
8	4th February 2021	5th Feb 2021 to 28th Feb 2021	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 c) 34.5 MW to KSEB	WR-NR/NR Import WR-SR/SR Import
9	4th February 2021	6th Feb 2021	TTC/ATC revised due to S/D of :- a) HVDC Raigarh – Pugalur Pole 1 (testing of Pole 3) b) 765kV Sholapur- Raichur-2	WR-SR/SR Import
10	5th February 2021	6th Feb 2021	TTC/ATC revised due to forced outage of HVDC Champa-Kurukshetra Pole-2	WR-NR/Import of NR
11	5th February 2021	7th Feb 2021	TTC/ATC revised due to forced outage of HVDC Champa-Kurukshetra Pole-2 TTC/ATC revised due to S/D of 765kV Raichur- Sholapur-2	WR-NR/Import of NR WR-SR/SR Import
12	6th February 2021	8th Feb 2021	TTC/ATC revised due to S/D of - a) HVDC Raigarh – Pugalur Pole 1 (testing of Pole 3) b) 765kV N.Parli- Warora- 2	WR-SR/SR Import
13	7th February 2021	9th Feb 2021	TTC/ATC revised due to S/D of - a) HVDC Raigarh – Pugalur Pole 1 (testing of Pole 3) b) 765kV N.Parli- Warora- 2 c) 400 kV Bongaigaon - Azara	WR-SR/SR Import NER Import/Export
14	8th February 2021	9th Feb 2021	TTC/ATC revised due to S/D of - HVDC Champa -Kurukshetra Pole 2 Shutdown of 765 kV Ajmer - Chittorgarh D/C	WR-NR, ER-NR & NR Import
15	8th February 2021	10th Feb 2021	TTC/ATC revised due to S/D of - a) 765 kV Ajmer - Chittorgarh D/C b) HVDC Raigarh – Pugalur Pole 1 (testing of Pole 3)	WR-NR, ER-NR & NR Import WR-SR/SR Import
16	9th Feb 2021	10th Feb 2021 to 28th Feb 2021	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/Import of NR
17	9th Feb 2021	11th Feb 2021	TTC/ATC revised due to S/D of 765kV Ajmer - Chittorgarh D/C	WR-NR/Import of NR
18	11th Feb 2021	13th Feb 2021	TTC/ATC revised due to S/D of 765kV Wardha-Nizamabad-2	WR-SR/SR Import
19	12th Feb 2021	14th Feb 2021	TTC/ATC revised due to S/D of 765kV Wardha-Nizamabad-2	WR-SR/SR Import
20	12th Feb 2021	13th Feb 2021 to 28th Feb 2021	Revised due to operationalisation of 300MW MTOA granted form Azure Solar Power ,Rajashtan to Odisha Revised due to revised LTA granted for transfer of power from Nabinagar-1	NR-ER/ NR Export ER-NR/ NR Import
21	14th Feb 2021	16th Feb 2021 to 19th Feb 2021	Revised TTC/ATC due to shutdown of 400KV Mainpuri-Orai (UP) D/C & 400KV Orai(UP)-Banda D/C	WR-NR/ER-NR/NR Import
22	17th Feb 2021	19th Feb 2021	TTC/ATC revised due to S/D of HVDC Bhadrawati pole-1	ER-SR/WR-SR/SR Import

ASSUMPTIONS IN BASECASE					
				Month : February 2021	
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	7082	5944	3303	3219
2	Haryana	6885	6321	1819	1819
3	Rajasthan	11247	11020	7767	7739
4	Delhi	5022	3487	672	672
5	Uttar Pradesh	14329	15067	8642	8612
6	Uttarakhand	1773	1733	886	604
7	Himachal Pradesh	1015	861	190	139
8	Jammu & Kashmir	1494	1461	109	109
9	Chandigarh	251	159	0	0
10	ISGS/PPs	19	19	14286	11153
	Total NR	49117	46071	37675	34067
II	EASTERN REGION				
1	Bihar	4849	3097	352	344
2	Jharkhand	1502	1034	378	353
3	Damodar Valley Corporation	2755	2556	4353	3476
4	Orissa	3582	2895	2946	2400
5	West Bengal	6439	4457	4879	3510
6	Sikkim	112	45	0	0
7	Bhutan	162	168	270	214
8	ISGS/PPs	-162	-168	12566	8973
	Total ER	19239	14083	25743	19269
III	WESTERN REGION				
1	Maharashtra	18778	13739	12230	9486
2	Gujarat	15979	11721	11083	7999
3	Madhya Pradesh	15354	7101	7911	4031
4	Chattisgarh	4046	2689	2384	1953
5	Daman and Diu	339	292	0	0
6	Dadra and Nagar Haveli	814	774	0	0
7	Goa-WR	625	390	0	0
8	ISGS/PPs	4017	3424	41810	30230
	Total WR	59952	40130	75417	53699

S.No.	Name of State/Area	Load		Generation	
		Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)
IV	SOUTHERN REGION				
1	Andhra Pradesh	9090	5024	6476	5986
2	Telangana	9542	10582	4884	4648
3	Karnataka	10315	5023	8110	3639
4	Tamil Nadu	14023	10332	6537	5162
5	Kerala	3838	2287	1665	95
6	Pondy	303	309	0	0
7	Goa-SR	47	48	0	0
8	ISGS/PPs	0	0	13941	10412
	Total SR	47158	33605	41613	29942
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	105	66	12	8
2	Assam	1192	861	288	243
3	Manipur	224	109	0	0
4	Meghalaya	322	266	230	189
5	Mizoram	117	67	48	28
6	Nagaland	121	94	8	8
7	Tripura	225	135	75	75
8	ISGS/PPs	139	85	2580	2126
	Total NER	2444	1683	3241	2676
	Total All India	177771	135487	183689	139653