

**National Load Despatch Centre
Total Transfer Capability for June 2020**

Issue Date: 20th June 2020

Issue Time: 1800 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 June 2020 to 30th June 2020	00-06	2500	500	2000	195	1805		
		06-18				1223	777		
		18-24				195	1805		
WR-NR*	1st June 2020 to 2nd June 2020	00-06	17200	500	16700	10219	6481		
			16250**		15750**	9269**			
		06-18	17200	500	16700	10608	6092		
			16250**		15750**	9658**			
		18-24	17200	500	16700	10219	6481		
			16250**		15750**	9269**			
	3rd June 2020	00-06	17200	500	16700	10219	6481		
			16250**		15750**	9269**			
		06-08	17200	500	16700	10608	6092		
			16250**		15750**	9658**			
		08-18	17100	500	16600	10608	5992		
			16150**		15650**	9658**			
	4th June 2020	18-24	17100	500	16600	10219	6381		
			16150**		15650**	9269**			
		00-06	17200	500	16700	10219	6481		
			16250**		15750**	9269**			
		06-08	17200	500	16700	10608	6092		
			16250**		15750**	9658**			
	5th June 2020	08-18	17150	500	16650	10608	6042		
			16200**		15700**	9658**			
		18-24	17150	500	16650	10219	6431		
			16200**		15700**	9269**			
		00-06	17150	500	16650	10219	6431		
			16200**		15700**	9269**			
6th June 2020 to 11th June 2020	06-08	17150	500	16650	10608	6042			
		16200**		15700**	9658**				
	08-18	17000	500	16500	10608	5892			
		16050**		15550**	9658**				
	18-24	17000	500	16500	10219	6281			
		16050**		15550**	9269**				

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WR-NR*	12th June 2020	00-06	17200	500	16700	10219	6481		
			16250**		15750**	9269**			
		06-08	17200	500	16700	10608	6092		
			16250**		15750**	9658**			
		08-09	17000	500	16500	10608	5892		
			16050**		15550**	9658**			
		09-18	16850	500	16350	10608	5742		
			15900**		15400**	9658**			
		18-24	16850	500	16350	10219	6131		
			15900**		15400**	9269**			
	13th June 2020	00-06	17200	500	16700	10219	6481		
			16250**		15750**	9269**			
		06-08	17200	500	16700	10608	6092		
			16250**		15750**	9658**			
	08-18	16950	500	16450	10608	5842			
		16000**		15500**	9658**				
	18-24	16950	500	16450	10219	6231			
		16000**		15500**	9269**				
	14th June 2020 to 15th June 2020	00-06	17200	500	16700	10219	6481		
			16250**		15750**	9269**			
06-08		17200	500	16700	10608	6092			
		16250**		15750**	9658**				
08-18		16950	500	16450	10608	5842			
	16000**	15500**		9658**					
18-24	16950	500	16450	10219	6231				
	16000**		15500**	9269**					
WR-NR*	16th June 2020	00-06	17200	500	16700	10219	6481		
			16250**		15750**	9269**			
		06-08	17200	500	16700	10608	6092		
			16250**		15750**	9658**			
		08-18	17000	500	16500	10608	5892		
16050**	15550**		9658**						
18-24	17000	500	16500	10219	6281				
	16050**		15550**	9269**					

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	22nd June 2020	00-06	17200 16250**	500	16700 15750**	10219 9269**	6481		Revision in TTC due to planned outage of 765 kV Gaya - Varanansi - I and 400 kV Patna - Balia - III	
		06-08	17200 16250**	500	16700 15750**	10608 9658**	6092			
		08-18	17150 16200**	500	16650 15700**	10608 9658**	6042	-50		
		18-24	17150 16200**	500	16650 15700**	10219 9269**	6431	-50		
	23rd June 2020 to 30th June 2020	00-06	17200 16250**	500	16700 15750**	10219 9269**	6481			
		06-18	17200 16250**	500	16700 15750**	10608 9658**	6092			
		18-24	17200 16250**	500	16700 15750**	10219 9269**	6481			
	NR-ER*	1st June 2020 to 30th June 2020	00-06	2000	200	1800	193	1607		
			06-18	2000		1800	303	1497		
			18-24	2000		1800	193	1607		
	ER-NR*	1st June 2020 to 2nd June 2020	00-24	5250	300	4950	4050	900		
3rd June 2020		00-08	5250	300	4950	4050	900			
		08-24	5050	300	4750	4050	700			
4th June 2020		00-08	5250	300	4950	4050	900			
		08-24	5050	300	4750	4050	700			
5th June 2020		00-08	5050	300	4750	4050	700			
		08-24	5050	300	4750	4050	700			
6th June 2020 to 7th June 2020		00-08	5250	300	4950	4050	900			
		08-24	5050	300	4750	4050	700			
8th June 2020 to 10th June 2020		00-08	5250	300	4950	4050	900			
		08-09	5050	300	4750	4050	700			
		09-24	5000	300	4700	4050	650			
ER-NR*	11th June 2020	00-08	5250	300	4950	4050	900			
		08-09	5050	300	4750	4050	700			
		09-24	4950	300	4650	4050	600			
	12th June 2020	00-08	5250	300	4950	4050	900			
		08-09	5050	300	4750	4050	700			
		09-24	4950	300	4650	4050	600			
	13th June 2020	00-08	5250	300	4950	4050	900			
		08-09	5050	300	4750	4050	700			
		09-24	4950	300	4650	4050	600			
	14th June 2020 to 15th June 2020	00-08	5250	300	4950	4050	900			
		08-09	5050	300	4750	4050	700			
		09-24	4950	300	4650	4050	600			

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ER-NR*	16th June 2020	00-08	5250	300	4950	4050	900		
		08-09	5050	300	4750	4050	700		
		09-24	5050	300	4750	4050	700		
	17th June 2020 to 18th June 2020	00-09	5250	300	4950	4050	900		
		09-24	5100	300	4800	4050	750		
	19th June 2020	00-08	5250	300	4950	4050	900		
		08-09	4950	300	4650	4050	600		
		09-24	4950	300	4650	4050	600		
	20th June 2020	00-08	5250	300	4950	4050	900		
		08-24	4850	300	4550	4050	500		
	21st June 2020	00-24	5250	300	4950	4050	900		
	22nd June 2020	00-08	5250	300	4950	4050	900		
		08-24	5000	300	4700	4050	650	-250	Revision in TTC due to planned outage of 765 kV Gaya - Varanansi - I and 400 kV Patna - Balia - III
	23rd June 2020 to 30th June 2020	00-24	5250	300	4950	4050	900		
W3-ER	1st June 2020 to 30th June 2020	00-24	No limit is being specified.						
ER-W3	1st June 2020 to 30th June 2020	00-24	No limit is being specified.						
WR-SR	1st June 2020 to 3rd June 2020	00-08	6950	500	6450	4035	2415		
		08-22	6950		6450		2415		
		22-24	6950		6450		2415		
	4th June 2020	00-0730	6950	500	6450	4035	2415		
		0730-22	6950		6450		2415		
		22-24	6950		6450		2415		
	5th June 2020 to 16th June 2020	00-05	6950	500	6450	4035	2415		
		05-22	6950		6450		2415		
		22-24	6950		6450		2415		
	17th June 2020	00-05	6950	500	6450	4035	2415		
		05-09	6950		6450		2415		
		09-22	5800		5300		1265		
		22-24	5800		5300		1265		
	18th June 2020	00-09	6950	500	6450	4035	2415		
		09-22	6350		5850		1815		
		22-24	6350		5850		1815		
	19th June 2020	00-05	6950	500	6450	4035	2415		
		05-22	6950		6450		2415		
		22-24	6950		6450		2415		
	20th June 2020	00-05	6950	500	6450	4035	2415		
		05-08	6950		6950		6950		
08-22		6950	6450		2415				
22-24		6950	6450		2415				
21st June 2020 to 30th June 2020	00-05	6950	500	6450	4035	2415			
	05-22	6950		6450		2415			
	22-24	6950		6450		2415			
SR-WR *	1st June 2020 to 30th June 2020	00-24	4600	400	4200	550	3650		

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ER-SR	1st June 2020 to 3rd June 2020	00-06	5650	250	5400	2663	2737		
		06-18	5650		5400	2748	2652		
		18-24	5650		5400	2663	2737		
	4th June 2020	00-06	5650	250	5400	2663	2737		
		06-0730	5650		5400	2748	2652		
		0730-18	4550		4300	2748	1552		
	5th June 2020 to 11th June 2020	00-06	5650	250	5400	2663	2737		
		06-18	5650			2748	2652		
		18-24	5650			2663	2737		
	12th June 2020	00-06	5650	250	5400	2663	2737		
		06-0730	5650		5400	2748	2652		
		0730-18	4550		4300	2748	1552		
	13th June 2020 to 15th June 2020	00-06	5650	250	5400	2663	2737		
		06-18	5650			2748	2652		
		18-24	5650			2663	2737		
	16th June 2020	00-06	5650	250	5400	2663	2737		
		06-18				2748	2652		
		18-24				2663	2737		
	17th June 2020	00-06	5650	250	5400	2663	2737		
		06-09	5650		5400	2748	2652		
		09-18	5450		5200	2748	2452		
	18th June 2020	00-06	5650	250	5400	2663	2737		
		06-09	5650		5400	2748	2652		
		09-18	5600		5350	2748	2652		
19th June 2020	00-06	5650	250	5400	2663	2737			
	06-18				2748	2652			
	18-24				2663	2737			
20th June 2020	00-06	5650	250	5400	2663	2737			
	06-08	5650		5400	2748	2652			
	08-18	5650		5400	2748	2652			
21st June 2020 to 30th June 2020	00-06	5650	250	5400	2663	2737			
	06-18				2748	2652			
	18-24				2663	2737			
SR-ER *	1st June 2020 to 30th June 2020	00-24	No limit is being Specified.						
ER-NER	1st June 2020	00-02	1320	45	1275	289	986		
		02-07	1320		1275	289	986		
		07-12	1320		1275	334	941		
		12-17	1320		1275	334	941		
		17-18	1320		1275	289	986		
		18-22	1050		1005	289	716		
		22-23	1320		1275	289	986		
		23-24	1320		1275	289	986		
ER-NER	2nd June 2020 to 3rd June 2020	00-02	1320	45	1275	289	986		
		02-07	1320		1275	289	986		
		07-0730	1320		1275	334	941		
		0730-12	1050		1005	334	671		
		12-17	1050		1005	334	671		
		17-18	1050		1005	289	716		
		18-22	750		705	289	416		
		22-23	1050		1005	289	716		
23-24	1050	1005	289	716					

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ER-NER	4th June 2020 to 19th June 2020	00-02	1320	45	1275	289	986		
		02-07	1320		1275	289	986		
		07-12	1320		1275	334	941		
		12-17	1320		1275	334	941		
		17-18	1320		1275	289	986		
		18-22	1050		1005	289	716		
		22-23	1320		1275	289	986		
		23-24	1320		1275	289	986		
ER-NER	20th June 2020 to 30th June 2020	00-02	1250	45	1205	289	916		
		02-07	1250		1205	289	916		
		07-12	1250		1205	334	871		
		12-17	1250		1205	334	871		
		17-18	1250		1205	289	916		
		18-22	950		905	289	616		
		22-23	1250		1205	289	916		
		23-24	1250		1205	289	916		
NER-ER	1st June 2020	00-02	1870	45	1825	0	1825		
		02-07	1870		1825		1825		
		07-12	1870		1825		1825		
		12-17	1870		1825		1825		
		17-18	1870		1825		1825		
		18-22	2040		1995		1995		
		22-23	1870		1825		1825		
		23-24	1870		1825		1825		
	2nd June 2020 to 3rd June 2020	00-02	1870	45	1825	0	1825		
		02-07	1870		1825		1825		
		07-0730	1870		1825		1825		
		0730-12	1700		1655		1655		
		12-17	1700		1655		1655		
		17-18	1700		1655		1655		
		18-22	1780		1735		1735		
		22-23	1700		1655		1655		
	23-24	1700	1655	1655					
	4th June 2020 to 19th June 2020	00-02	1870	45	1825	0	1825		
		02-07	1870		1825		1825		
		07-12	1870		1825		1825		
		12-17	1870		1825		1825		
		17-18	1870		1825		1825		
		18-22	2040		1995		1995		
		22-23	1870		1825		1825		
		23-24	1870		1825		1825		
	20th June 2020 to 30th June 2020	00-02	2010	45	1965	0	1965		
		02-07	2010		1965		1965		
		07-12	2010		1965		1965		
12-17		2010	1965		1965				
17-18		2010	1965		1965				
18-22		2180	2135		2135				
22-23		2010	1965		1965				
23-24		2010	1965		1965				

W3 zone Injection	1st June 2020 to 30th June 2020	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.

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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 Raikheda, q)Ind Barath and any other regional entity generator in Chhattisgarh

The figure is based on LTA/MTOA approved by CTU and Allocation figures as per RPCs RTA/REA. In actual Operation, due to Units being on Maintenance/ Fuel shortage/New units being 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 implemetation.

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.

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

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NR	1st June 2020 to 2nd June 2020	00-06	22450	800	21650	14269	7381		
			21500**		20700**	13319**			
		06-09	22450		21650	14658	6992		
			21500**		20700**	13708**			
		09-17	22450		21650	14658	6992		
			21500**		20700**	13708**			
		17-18	22450		21650	14658	6992		
			21500**		20700**	13708**			
		18-24	22450		21650	14269	7381		
			21500**		20700**	13319**			
NR	3rd June 2020	00-06	22450	800	21650	14269	7381		
			21500**		20700**	13319**			
		06-08	22450		21650	14658	6992		
			21500**		20700**	13708**			
		08-09	22150		21350	14658	6692		
			21200**		20400**	13708**			
		09-17	22150		21350	14658	6692		
			21200**		20400**	13708**			
		17-18	22150		21350	14658	6692		
			21200**		20400**	13708**			
18-24	22150	21350	14269	7081					
	21200**	20400**	13319**						
NR	4th June 2020	00-06	22450	800	21650	14269	7381		
			21500**		20700**	13319**			
		06-08	22450		21650	14658	6992		
			21500**		20700**	13708**			
		08-09	22200		21400	14658	6742		
			21250**		20450**	13708**			
		09-17	22200		21400	14658	6742		
			21250**		20450**	13708**			
		17-18	22200		21400	14658	6742		
			21250**		20450**	13708**			
18-24	22200	21400	14269	7131					
	21250**	20450**	13319**						

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	5th June 2020	00-06	22200	800	21400	14269	7131		
			21250**		20450**	13319**			
		06-08	22200		21400	14658	6742		
			21250**		20450**	13708**			
		08-09	22050		21250	14658	6592		
			21100**		20300**	13708**			
		09-17	22050		21250	14658	6592		
21100**	20300**		13708**						
17-18	22050	21250	14658	6592					
	21100**	20300**	13708**						
18-24	22050	21250	14269	6981					
	21100**	20300**	13319**						
NR	6th June 2020 to 7th June 2020	00-06	22450	800	21650	14269	7381		
			21500**		20700**	13319**			
		06-08	22450		21650	14658	6992		
			21500**		20700**	13708**			
		08-09	22050		21250	14658	6592		
			21100**		20300**	13708**			
		09-17	22050		21250	14658	6592		
21100**	20300**		13708**						
17-18	22050	21250	14658	6592					
	21100**	20300**	13708**						
18-24	22050	21250	14269	6981					
	21100**	20300**	13319**						
NR	8th June 2020 to 10th June 2020	00-06	22450	800	21650	14269	7381		
			21500**		20700**	13319**			
		06-08	22450		21650	14658	6992		
			21500**		20700**	13708**			
		08-09	22050		21250	14658	6592		
			21100**		20300**	13708**			
		09-17	22000		21200	14658	6542		
21050**	20250**		13708**						
17-18	22000	21200	14658	6542					
	21050**	20250**	13708**						
18-24	22000	21200	14269	6931					
	21050**	20250**	13319**						

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	11th June 2020	00-06	22450	800	21650	14269	7381				
			21500**		20700**	13319**					
		06-08	22450		21650	14658	6992				
			21500**		20700**	13708**					
		08-09	22050		21250	14658	6592				
			21100**		20300**	13708**					
		09-17	21950		21150	14658	6492				
21000**	20200**		13708**								
17-18	21950	21150	14658	6492							
	21000**	20200**	13708**								
18-24	21950	21150	14269	6881							
	21000**	20200**	13319**								
NR	12th June 2020	00-06	22450	800			21650	14269	7381		
			21500**				20700**	13319**			
		06-08	22450				21650	14658	6992		
			21500**		20700**		13708**				
		08-09	22050		21250		14658	6592			
			21100**		20300**	13708**					
		09-17	21800		21000	14658	6342				
20850**	20050**		13708**								
17-18	21800	21000	14658	6342							
	20850**	20050**	13708**								
18-24	21800	21000	14269	6731							
	20850**	20050**	13319**								
NR	13th June 2020	00-06	22450	800			21650		14269	7381	
			21500**				20700**	13319**			
		06-08	22450				21650	14658	6992		
			21500**		20700**		13708**				
		08-09	22000		21200		14658	6542			
			21050**		20250**	13708**					
		09-17	21900		21100	14658	6442				
20950**	20150**		13708**								
17-18	21900	21100	14658	6442							
	20950**	20150**	13708**								
18-24	21900	21100	14269	6831							
	20950**	20150**	13319**								

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	14th June 2020 to 15th June 2020	00-06	22450	800	21650	14269	7381				
			21500**		20700**	13319**					
		06-08	22450		21650	14658	6792				
			21500**		20700**	13708**					
		08-09	22000		21200	14658	6542				
			21050**		20500**	13708**					
		09-17	21900		21100	14658	6442				
20950**	20150**		13708**								
17-18	21900	21100	14658	6442							
	20950**	20150**	13708**								
18-24	21900	21100	14269	6831							
	20950**	20150**	13319**								
NR	16th June 2020	00-06	22450	800			21650	14269	7381		
			21500**				20700**	13319**			
		06-08	22450				21650	14658	6992		
			21500**		20700**		13708**				
		08-09	22300		21500		14658	6842			
			21350**		20550**	13708**					
		09-17	22050		21250	14658	6592				
21100**	20300**		13708**								
17-18	22050	21250	14658	6592							
	21100**	20300**	13708**								
18-24	22050	21250	14269	6981							
	21100**	20300**	13319**								
NR	17th June 2020	00-06	22450	800			21650		14269	7381	
			21500**				20700**	13319**			
		06-08	22450				21650	14658	6992		
			21500**		20700**		13708**				
		08-09	22400		21600		14658	6942			
			21450**		20650**	13708**					
		09-17	22250		21450	14658	6792				
21300**	20500**		13708**								
17-18	22250	21450	14658	6792							
	21300**	20500**	13708**								
18-24	22250	21450	14269	7181							
	21300**	20500**	13319**								

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
	18th June 2020	00-06	22450	800	21650	14269	7381		
			21500**		20700**	13319**			
		06-08	22450		21650	14658	6992		
			21500**		20700**	13708**			
		08-09	22400		21600	14658	6942		
			21450**		20650**	13708**			
		09-17	22100		21300	14658	6642		
			21150**		20350**	13708**			
		17-18	22100		21300	14658	6642		
			21150**		20350**	13708**			
		18-24	22100		21300	14269	7031		
			21150**		20350**	13319**			
NR	19th June 2020	00-06	22450	800	21650	14269	7381		
			21500**		20700**	13319**			
		06-08	22450		21650	14658	6992		
			21500**		20700**	13708**			
		08-09	21800		21000	14658	6342		
			20850**		20050**	13708**			
		09-17	21800		21000	14658	6342		
			20850**		20050**	13708**			
		17-18	21800		21000	14658	6342		
			20850**		20050**	13708**			
		18-24	21800		21000	14269	6731		
			20850**		20050**	13319**			
NR	20th June 2020	00-06	22450	800	21650	14269	7381		
			21500**		20700**	13319**			
		06-08	22450		21650	14658	6992		
			21500**		20700**	13708**			
		08-09	21850		21050	14658	6392		
			20900**		20100**	13708**			
		09-17	21850		21050	14658	6392		
			20900**		20100**	13708**			
		17-18	21850		21050	14658	6392		
			20900**		20100**	13708**			
		18-24	21850		21050	14269	6781		
			20900**		20100**	13319**			

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	21st June 2020	00-06	22450	800	21650	14269	7381		
			21500**		20700**	13319**			
		06-09	22450		21650	14658	6992		
			21500**		20700**	13708**			
		09-17	22450		21650	14658	6992		
			21500**		20700**	13708**			
		17-18	22450		21650	14658	6992		
			21500**		20700**	13708**			
		18-24	22450		21650	14269	7381		
			21500**		20700**	13319**			
NR	22nd June 2020	00-06	22450	800	21650	14269	7381		Revision in TTC due to planned outage of 765 kV Gaya - Varanansi - I and 400 kV Patna - Balia - III
			21500**		20700**	13319**			
		06-08	22450		21650	14658	6992		
			21500**		20700**	13708**			
		08-09	22150		21350	14658	6692	-300	
			21200**		20400**	13708**			
		09-17	22150		21350	14658	6692	-300	
			21200**		20400**	13708**			
		17-18	22150		21350	14658	6692	-300	
			21200**		20400**	13708**			
18-24	22150	21350	14269	7081	-300				
	21200**	20400**	13319**						
NR	23rd June 2020 to 30th June 2020	00-06	22450	800	21650	14269	7381		
			21500**		20700**	13319**			
		06-09	22450		21650	14658	6992		
			21500**		20700**	13708**			
		09-17	22450		21650	14658	6992		
			21500**		20700**	13708**			
		17-18	22450		21650	14658	6992		
			21500**		20700**	13708**			
		18-24	22450		21650	14269	7381		
			21500**		20700**	13319**			
NER	1st June 2020	00-02	1320	45	1275	289	986		
		02-07	1320		1275	289	986		
		07-12	1320		1275	334	941		
		12-17	1320		1275	334	941		
		17-18	1320		1275	289	986		
		18-22	1050		1005	289	716		
		22-23	1320		1275	289	986		
		23-24	1320		1275	289	986		

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
NER	2nd June 2020 to 3rd June 2020	00-02	1320	45	1275	289	986		
		02-07	1320		1275	289	986		
		07-0730	1320		1275	334	941		
		0730-12	1050		1005	334	671		
		12-17	1050		1005	334	671		
		17-18	1050		1005	289	716		
		18-22	750		705	289	416		
		22-23	1050		1005	289	716		
23-24	1050	1005	289	716					
NER	4th June 2020 to 19th June 2020	00-02	1320	45	1275	289	986		
		02-07	1320		1275	289	986		
		07-12	1320		1275	334	941		
		12-17	1320		1275	334	941		
		17-18	1320		1275	289	986		
		18-22	1050		1005	289	716		
		22-23	1320		1275	289	986		
		23-24	1320		1275	289	986		
NER	20th June 2020 to 30th June 2020	00-02	1250	45	1205	289	916		
		02-07	1250		1205	289	916		
		07-12	1250		1205	334	871		
		12-17	1250		1205	334	871		
		17-18	1250		1205	289	916		
		18-22	950		905	289	616		
		22-23	1250		1205	289	916		
		23-24	1250		1205	289	916		
WR									
SR	1st June 2020 to 3rd June 2020	00-06	12600	750	11850	6698	5152		
		06-18	12600		11850	6783	5067		
		18-24	12600		11850	6698	5152		
	4th June 2020	00-06	12600	750	11850	6698	5152		
		06-0730	12600		11850	6783	5067		
		0730-18	11500		10750	6783	3967		
	5th June 2020 to 11th June 2020	00-06	12600	750	11850	6698	5152		
		06-18	12600		11850	6783	5067		
		18-24	12600		11850	6698	5152		
12th June 2020	00-06	12600	750	11850	6698	5152			
	06-0730	12600		11850	6783	5067			
	0730-18	11500		10750	6783	3967			
	18-24	11500		10750	6698	4052			
13th June 2020 to 15th June 2020	00-06	12600	750	11850	6698	5152			
	06-18	12600		11850	6783	5067			
	18-24	12600		11850	6698	5152			
16th June 2020	00-06	12600	750	11850	6698	5152			
	06-18	12600		11850	6783	5067			
	18-24	12600		11850	6698	5152			
17th June 2020	00-06	12600	750	11850	6698	5152			
	06-09	12600		11850	6783	5067			
	09-18	11250		10500	6783	3717			
	18-24	11250		10500	6698	3802			

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
	18th June 2020	00-06	12600	750	11850	6698	5152		
		06-09	12600		11850	6783	5067		
		09-18	11950		11200	6783	4417		
		18-24	11950		11200	6698	4502		
	19th June 2020	00-06	12600	750	11850	6698	5152		
		06-18	12600		11850	6783	5067		
		18-24	12600		11850	6698	5152		
	20th June 2020	00-06	12600	750	11850	6698	5152		
		06-08	12600		12600	6783	5817		
		08-18	12600		11850	6783	5067		
		18-24	12600		11850	6698	5152		
	21st June 2020 to 30th June 2020	00-06	12600	750	11850	6698	5152		
06-18		12600	11850		6783	5067			
18-24		12600	11850		6698	5152			

* 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 June 2020 to 30th June 2020	00-06	4500	700	3800	388	3412		
		06-18			3800	1526	2274		
		18-24	4500		3800	388	3412		
NER	1st June 2020	00-02	1870	45	1825	0	1825		
		02-07	1870		1825		1825		
		07-12	1870		1825		1825		
		12-17	1870		1825		1825		
		17-18	1870		1825		1825		
		18-22	2040		1995		1995		
		22-23	1870		1825		1825		
		23-24	1870		1825		1825		
NER	2nd June 2020 to 3rd June 2020	00-02	1870	45	1825	0	1825		
		02-07	1870		1825		1825		
		07-0730	1870		1825		1825		
		0730-12	1700		1655		1655		
		12-17	1700		1655		1655		
		17-18	1700		1655		1655		
		18-22	1780		1735		1735		
		22-23	1700		1655		1655		
23-24	1700	1655	1655						
NER	4th June 2020 to 19th June 2020	00-02	1870	45	1825	0	1825		
		02-07	1870		1825		1825		
		07-12	1870		1825		1825		
		12-17	1870		1825		1825		
		17-18	1870		1825		1825		
		18-22	2040		1995		1995		
		22-23	1870		1825		1825		
		23-24	1870		1825		1825		
NER	20th June 2020 to 30th June 2020	00-02	2010	45	1965	0	1965		
		02-07	2010		1965		1965		
		07-12	2010		1965		1965		
		12-17	2010		1965		1965		
		17-18	2010		1965		1965		
		18-22	2180		2135		2135		
		22-23	2010		1965		1965		
		23-24	2010		1965		1965		
WR									
SR *	1st June 2020 to 30th June 2020	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

Limiting Constraints (Corridor wise)		Applicable Revisions	
Corridor	Constraint		
WR-NR	n-1 contingency of 765 kV Aligarh - Jhatikara Line will lead to overloading of 765 kV Aligarh - Gr. Noida Line	Rev- 0 to 1	
	N-1 contingency of 1000 MVA, 765/400 kV ICT at Orai will overload the other ICT	Rev- 2 to 20	
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	Rev- 0 to 20	
ER-NR	1. N-1 contingency of 400 kV Mejia-Maithon A line will overload the other ckt. 2. N-1 contingency of 400 kV Kahalgaon-Banka line will overload the other ckt. 3. N-1 contingency of 400kV MPL- Maithon line will overload the other ckt.	Rev- 0 to 20	
WR-SR and ER-SR	n-1 contingency of one ckt of 765 kV Wardha - Nizamabad D/C will overload of the other ckt	Rev- 0 to15, 18 to 20	
	n-1 contingency of one ckt of 765 kV Angul - Srikakulam D/C will overload of the other ckt		
	Low Voltage at Gazuwaka (East) Bus.		
	n-1 contingency of 765/400 kV Nizamabad ICTs will overload of the other ICT	Rev- 16	
	Low Voltage at Gazuwaka (East) Bus.	Rev- 16 to 17	
	n-1 contingency of one 765/400 kV Nizamabad ICT will overload of ICT-I at Maheshwaram	Rev- 17	
ER-NER	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati-BTPS Double circuit (200 MW)	Rev- 0 to 3, 5 to 20	
	a) N-1 contingency of 400 kV Bongaigaon - Byrnihat line b) High Loading of 220 kV Salakati-BTPS Double circuit (200 MW)	Rev- 4	
NER-ER	a) N-1 contingency of 400 kV Silchar- Azara line b) High Loading in Meghalya Internal Power System	Rev- 0 to 2, 4	
	a) N-1 contingency of 400 kV Silchar- Azara line b) High Loading of 400 kV Silchar - Killing line	Rev- 3, 5 to 20	
W3 zone Injection	---	Rev- 0 to 20	
Limiting Constraints (Simultaneous)			
		Applicable Revisions	
NR	Import	1. N-1 contingency of 400 kV Mejia-Maithon A line will overload the other ckt. 2. N-1 contingency of 400 kV Kahalgaon-Banka line will overload the other ckt. 3. N-1 contingency of 400kV MPL- Maithon line will overload the other ckt.	Rev- 0 to 20
		n-1 contingency of 765 kV Aligarh - Jhatikara Line will lead to overloading of 765 kV Aligarh - Gr. Noida Line	Rev- 0 to 1
		N-1 contingency of 1000 MVA, 765/400 kV ICT at Orai will overload the other ICT	Rev- 2 to 20
	Export	(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 20
	Import	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati-BTPS Double circuit (200 MW)	Rev- 0 to 3, 5 to 20
NER		a) N-1 contingency of 400 kV Bongaigaon - Byrnihat line b) High Loading of 220 kV Salakati-BTPS Double circuit (200 MW)	Rev- 4
	Export	a) N-1 contingency of 400 kV Silchar- Azara line b) High Loading in Meghalya Internal Power System	Rev- 0 to 2, 4
		a) N-1 contingency of 400 kV Silchar- Azara line b) High Loading of 400 kV Silchar - Killing line	Rev- 3, 5 to 20
SR	Import	n-1 contingency of one ckt of 765 kV Wardha - Nizamabad D/C will overload of the other ckt	Rev- 0 to 15, 18 to 20
		n-1 contingency of one ckt of 765 kV Angul - Srikakulam D/C will overload of the other ckt	
		Low Voltage at Gazuwaka (East) Bus	
		n-1 contingency of 765/400 kV Nizamabad ICTs will overload of the other ICT	Rev-16
		Low Voltage at Gazuwaka (East) Bus	Rev-16 to 17
	n-1 contingency of 765/400 kV Nizamabad ICTs will overload of the other ICT	Rev-17	

**National Load Despatch Centre
Total Transfer Capability for June 2020**

Revision No	Date of Revision	Period of Revision	Reason for Revision/Comment	Corridor Affected
1	29th March 2020	Whole Month	1) Revision in STOA margin due to the following:- a) Operationalization of 50 MW LTA from AGEMPL (Wind, Bhuj) to Punjab b) Completion of 108 MW MTOA from SKS to NPCL (UP) 2) Revision in TTC/ATC due to change in inter-regional flow pattern towards NR.	WR-NR/NR Import
2	29th April 2020	Whole Month	Revision in TTC/ATC after after commissioning of 400 kV Aligarh (PG) - Prithala - Kadarapur - Sohna Road link and 765 kV Bikaner - Moga D/C	WR-NR/Import of NR
3	29th May 2020	Whole Month	Revision in STOA margin due to operationalization of MTOA from Rajasthan Solar to Maharashtra and MP	NR-WR/Export of NR
		1st June 2020 - 15th June 2020	a) Change in Load-Generation of NER b) Reconfiguration of 132 kV Pavoi- Sonabil S/C and 132 kV Sonabil - Gohpur S/C as 132 kV Pavoi - Gohpur 2nd line Revision in TTC/ATC due to forced outage of 400/220 kV ICT-II at Jeypore	ER-NER/NER-ER/Import and Export of NER ER-SR/Import of SR
4	31st May 2020	2nd June 2020 to 3rd June 2020	Revision in TTC/ATC due to planned outage of 400 kV Bongaigaon - Azara line	ER-NER/NER-ER/Import and Export of NER
5	1st June 2020	3rd June 2020	Revised TTC due to shutdown of 765 kV Gaya Varanasi-I & 765 kV Ajmer Chittorhgarh	ER-NR/WR-NR/Import of NR
		4th June 2020 to 15th June 2020	Revised TTC due to shutdown of 765 kV Gaya Varanasi-I	ER-NR/WR-NR/Import of NR
6	2nd June 2020	4th June 2020	Revised TTC due to shutdown of 765 kV Ajmer Chittorhgarh-I	ER-NR/WR-NR/Import of NR
			Revised TTC due to shutdown of 765 kV Bus - I at Srikakulam and Parli-PG	ER-SR/WR-SR/Import of SR
7	3rd June 2020	4th June 2020	Revised TTC due to not availing shutdown of 765 kV Ajmer Chittorhgarh-I	WR-NR/Import of NR
8	3rd June 2020	5th June 2020	Revised TTC due to shutdown of 765 kV Agra-Jhatikara and 400 kV Biharshariff Varanasi D/C	WR-NR/ER-NR/Import of NR
9	4th June 2020	6th June 2020 to 13th June 2020	Revision in TTC/ATC due to outage of 765 kV Agra - Jhatikara line along with ongoing continuous outage of 765 kV Gaya - Varanasi - I	WR-NR/ER-NR/Import of NR
10	6th June 2020	8th June 2020	Revision in TTC/ATC due to outage of 400 kV Patna- Balia - I along with ongoing continuous outage of 765 kV Gaya - Varanasi - I and 765 kV Agra - Jhatikara line	ER-NR/Import of NR
11	7th June 2020	8th June 2020 to 19th June 2020	Revision in TTC/ATC due to outage of one circuit of 400 kV Patna- Balia section	ER-NR/Import of NR
12	9th June 2020	11th June 2020 to 13th June 2020	Revision in TTC/ATC due to outage of 765 kV Ajmer-Bikaner alongwith ongoing shutdown of one ckt of 400 kV Patna-Balia, 765 kV Agra-Jhatikara & 765 kV Gaya-Varanasi-1	ER-NR/Import of NR
13	10th June 2020	12th June 2020	Revised TTC due to shutdown of 765 kV Bus - II at Srikakulam	ER-SR/Import of SR
		12th June 2020	Revision in TTC/ATC due to the following:- a) Deferment of outage of 765 kV Ajmer-Bikaner - I b) Outage of 765 kV Bhopal - Jabalpur line alongwith ongoing shutdown of one ckt of 400 kV Patna-Balia, 765 kV Agra-Jhatikara & 765 kV Gaya-Varanasi-1 lines	WR-NR/ER-NR/Import of NR
		13th June 2020	Revision in TTC/ATC due to deferment of outage of 765 kV Ajmer-Bikaner -I	ER-NR/Import of NR

**National Load Despatch Centre
Total Transfer Capability for June 2020**

Revision No	Date of Revision	Period of Revision	Reason for Revision/Comment	Corridor Affected
14	11th June 2020	13th June 2020	Revised TTC due to shutdown of 765 kV Aligarh-Jhatikara & deferral of 765 kV Agra-Jhatikara S/C	WR-NR/ER-NR/Import of NR
		14th June 2020 to 16th June 2020	Revised TTC due to shutdown of 765 kV Aligarh-Jhatikara	WR-NR/ER-NR/Import of NR
15	13th June 2020	16th June to 30th June	TTC Revised due to forced outage of 400/220 kV Jeypore ICT-II	ER-SR/Import of SR
16	15th June 2020	17th June to 19th June	Revised due to shutdown of 765 kV Ajmer-Bikaner along with ongoing shutdown of one circuit of 400 kV Patna-Balia	WR-NR/ER-NR/Import of NR
		17th June 2020	Revised TTC due to Simultaneous shutdown of 400 kV Bhadravati-Ramagundam-I and 765/400 kV Maheshwaram ICT	ER-SR/WR-SR/Import of SR
17	16th June 2020	18th June 2020	Revised due to shutdown of 400 kV RAPP-Shujalpur-1 along with ongoing shutdown of one circuit of 400 kV Patna-Balia and 765 kV Ajmer-Bikaner line.	WR-NR/ER-NR/Import of NR
		18th June 2020	Revised TTC due to S/D of 765/400 kV Maheshwaram ICT - II along with ongoing forced outage of 400/220 kV ICT-II at Jeypore	WR-SR/ER-SR/Import of SR
18	17th June 2020	19th June 2020	Revised TTC due to S/D of 765 kV Ajmer-Bikaner-1, 765 kV Gaya-Varanasi-1, 765/400 kV Jhatikara ICT, 765 kV Meerut-Bhiwani-1, 400 kV RAPP-Sujalpur-2 and 765 kV Vindhyachal-Jabalpur-1 along with ongoing one circuit of 400 kV Patna-Balia	WR-NR/ER-NR/Import of NR
19	18th June 2020	20th June 2020	Revised TTC due to planned outage of 765 kV Gaya-Varanasi-1, 765 kV Ajmer-Bikaner-1, 765 kV Meerut-Bhiwani-1, 400 kV Patna-Balia-3 and 765kV Vindhyachal Bus-2	WR-NR/ER-NR/Import of NR
		20th June 2020 to 30th June 2020	Revised TTC due to commissioning of unit-1 of 4x150 MW Kameng HEP	ER-NER/NER-ER/Import and Export of NER
20	20th June 2020	22nd June 2020	Revision in TTC due to planned outage of 765 kV Gaya - Varanansi - I and 400 kV Patna - Balia - III	WR-NR/ER-NR/Import of NR

ASSUMPTIONS IN BASECASE					
				Month : June'2020	
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	10067	9726	5031	5107
2	Haryana	8695	8519	2953	2953
3	Rajasthan	11103	11509	7197	7197
4	Delhi	5675	6190	675	675
5	Uttar Pradesh	17079	15541	9239	9284
6	Uttarakhand	2148	1875	1185	1164
7	Himachal Pradesh	1519	1293	709	627
8	Jammu & Kashmir	2948	2295	1114	1113
9	Chandigarh	328	304	0	0
10	ISGS/IPPs	25	25	21665	19179
	Total NR	59587	57276	49768	47299
II	EASTERN REGION				
1	Bihar	5009	4587	110	110
2	Jharkhand	1278	1057	425	421
3	Damodar Valley Corporation	3015	2593	5201	4318
4	Orissa	4039	4140	3508	2655
5	West Bengal	8514	7270	5621	5053
6	Sikkim	114	45	0	0
7	Bhutan	171	164	766	621
8	ISGS/IPPs	-171	-164	12531	11066
	Total ER	21969	19691	28162	24243
III	WESTERN REGION				
1	Maharashtra	18737	16633	12295	11747
2	Gujarat	15902	12455	10497	8468
3	Madhya Pradesh	9628	7772	5051	3670
4	Chattisgarh	4024	3560	1908	2133
5	Daman and Diu	311	282	0	0
6	Dadra and Nagar Haveli	761	709	0	0
7	Goa-WR	524	498	0	0
8	ISGS/IPPs	4774	3644	37337	31485
	Total WR	54661	45553	67088	57504

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	9605	6730	8327	6053
2	Telangana	7763	7848	4598	4644
3	Karnataka	9884	8330	7755	5857
4	Tamil Nadu	15780	13783	9577	8276
5	Kerala	3667	2269	1637	235
6	Pondy	314	265	0	0
7	Goa-SR	61	52	0	0
8	ISGS/PPs	0	0	12710	12179
	Total SR	47074	39278	44605	37244
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	121	76	8	8
2	Assam	1774	1188	284	244
3	Manipur	179	82	0	0
4	Meghalaya	276	208	215	154
5	Mizoram	100	66	8	8
6	Nagaland	126	91	16	8
7	Tripura	245	149	75	75
8	ISGS/PPs	153	82	2392	2083
	Total NER	2975	1943	2998	2580
	Total All India	186264	163742	192620	168870