

National Load Despatch Centre Total Transfer Capability for Oct 2022										
Issue Date:Jun 30 2022				Issue Time:15:24:19			Revision No :1			
Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment	
ER-NER	01 Oct to 31 Oct	00:00 to 07:00	910	60	850	455	395	0		
		07:00 to 12:00	895	60	835	455	380	0		
		12:00 to 18:00	900	60	840	455	385	0		
		18:00 to 22:00	725	60	665	455	210	0		
		22:00 to 24:00	910	60	850	455	395	0		
ER-NR	01 Oct to 31 Oct	00:00 to 24:00	8000	400	7600	4854	2746	2100	Due to change in LGB and change in inter-regional flow pattern	
ER-SR	01 Oct to 31 Oct	00:00 to 24:00	5700	350	5350	3152	2198	0		
ER-W3	01 Oct to 31 Oct	00:00 to 24:00	No limit is being specified.							
NER-ER	01 Oct to 31 Oct	00:00 to 07:00	3380	60	3320	258	3062	0		
		07:00 to 12:00	3350	60	3290	258	3032	0		
		12:00 to 18:00	3370	60	3310	258	3052	0		
		18:00 to 22:00	3250	60	3190	258	2932	0		
		22:00 to 24:00	3380	60	3320	258	3062	0		
NR-ER	01 Oct to 31 Oct	00:00 to 06:00	2000	200	1800	100	1700	0		
		06:00 to 18:00	2000	200	1800	1615	185	0		
		18:00 to 24:00	2000	200	1800	100	1700	0		
NR-WR	01 Oct to 31 Oct	00:00 to 06:00	3600	500	3100	1232	1868	0		
		06:00 to 18:00	3600	500	3100	4607	0	0		

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		18:00 to 24:00	3600	500	3100	1232	1868	0	
SR-ER	01 Oct to 31 Oct	00:00 to 24:00	No limit is being specified.						
SR-WR	01 Oct to 31 Oct	00:00 to 24:00	7400	650	6750	950	5800	0	
W3 Injection	01 Oct to 31 Oct	00:00 to 24:00	NA	NA		NA		0	
W3-ER	01 Oct to 31 Oct	00:00 to 24:00	No limit is being specified.						
WR-NR	01 Oct to 31 Oct	00:00 to 06:00	17800	1000	16800	10483	6317	-750	Due to change in LGB and change in inter-regional flow pattern
		06:00 to 18:00	17800	1000	16800	10782	6018	-750	
		18:00 to 24:00	17800	1000	16800	10483	6317	-750	
WR-SR	01 Oct to 31 Oct	00:00 to 06:00	11600	650	10950	3691	7259	0	
		06:00 to 18:00	11600	650	10950	4511	6439	0	
		18:00 to 24:00	11600	650	10950	3691	7259	0	

**Simultaneous Import Capability**

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment
ER	01 Oct to 31 Oct	00:00 to 24:00	NA	NA		NA		0	

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment
NER	01 Oct to 31 Oct	00:00 to 07:00	910	60	850	455	395	0	
		07:00 to 12:00	895	60	835	455	380	0	
		12:00 to 18:00	900	60	840	455	385	0	
		18:00 to 22:00	725	60	665	455	210	0	
		22:00 to 24:00	910	60	850	455	395	0	
NR	01 Oct to 31 Oct	00:00 to 06:00	25800	1400	24400	15337	9063	1350	Due to change in LGB and change in inter-regional flow pattern
		06:00 to 18:00	25800	1400	24400	15636	8764	1350	
		18:00 to 24:00	25800	1400	24400	15337	9063	1350	
SR	01 Oct to 31 Oct	00:00 to 06:00	17300	1000	16300	6778	9522	0	
		06:00 to 18:00	17300	1000	16300	7663	8637	0	
		18:00 to 24:00	17300	1000	16300	6778	9522	0	
WR	01 Oct to 31 Oct	00:00 to 24:00	NA	NA			0	0	

### Simultaneous Export Capability

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment
ER	01 Oct to 31 Oct	00:00 to 24:00	NA	NA		NA		0	
NER	01 Oct to 31 Oct	00:00 to 07:00	3380	60	3320	258	3062	0	
		07:00 to 12:00	3350	60	3290	258	3032	0	
		12:00 to 18:00	3370	60	3310	258	3052	0	

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment
NR	01 Oct to 31 Oct	18:00 to 22:00	3250	60	3190	258	2932	0	
		22:00 to 24:00	3380	60	3320	258	3062	0	
		00:00 to 06:00	3600	500	3100	1332	1768	0	
		06:00 to 18:00	3600	500	3100	6222	0	0	
		18:00 to 24:00	3600	500	3100	1332	1768	0	
SR	01 Oct to 31 Oct	00:00 to 24:00	6350	650	5700	2155	3545	0	
WR	01 Oct to 31 Oct	00:00 to 24:00	NA	NA		NA		0	

### Limiting Constraints

Corridor	Constraints	Revisions
WR-NR	N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	0-1
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	0-1
ER-NR	Inter-regional flow pattern towards NR	0-1
WR-SR	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT	0-1
ER-SR	Low Voltage at Gazuwaka (East) Bus.	0-1
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	0-1
ER-NER	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C	0-1
NER-ER	a) N-1 contingency of 220 kV Salakati - BTPS I or II b) High Loading of 220 kV Salakati - BTPS II or I	0-1
NR_IMPORT	N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	0-1
NR_EXPORT	(N-1) Contingency of 400 kV Banaskantha - Veloda D/C (n-1) contingency of 400 kV Saranath-Pusauli	0-1
NER_IMPORT	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C	0-1
NER_EXPORT	a) N-1 contingency of 220 kV Salakati - BTPS I or II b) High Loading of 220 kV Salakati - BTPS II or I	0-1
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	0-1
SR_EXPORT	N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt	0-1
		0-1

### Revision Summary

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
1	30 Jun	01 Oct to 31 Oct	Due to change in LGB and change in inter-regional flow pattern	WR-NR
		01 Oct to 31 Oct	Due to change in LGB and change in inter-regional flow pattern	ER-NR
		01 Oct to 31 Oct	Due to change in LGB and change in inter-regional flow pattern	NR_IMPORT

