

**POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI**

**System Reliability Indices Report for the week from
02-Jul-2018 to 08-Jul-2018**

Date: 13-Jul-2018

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	39	9.75	5.80
2	ER-NR	0	0.00	0.00
3	Import of NR	50	12.50	7.44
4	NEW-SR	0	0.00	0.00
5	ER-NER	0	0.00	0.00

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	7	1.75	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	22	5.50	3.27
4	NEW-SR	0	0.00	0.00
4	ER-NER	0	0.00	0.00

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

Voltage Profile for the week from 02-Jul-2018 to 08-Jul-2018

Region	Station	%age of time Voltage below 728/380 kV	%age of time Voltage between 728/380 kV & 800/420 kV	%age of time Voltage above 800/420 kV	Voltage deviation index (%age of time voltage is outside IEGC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	Agra	0.00%	100.00%	0.00%	0.00%	796	750	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	750	763
	Anpara-D	0.00%	100.00%	618357.14%	618357.14%	778	750	762
	Anta	0.00%	100.00%	0.00%	0.00%	789	762	776
	Ballia	0.00%	100.00%	0.00%	0.00%	791	748	772
	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	755	774
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	744	765
	Greater Noida	0.00%	97.33%	2.67%	2.67%	803	754	775
	Jhatikara	0.00%	100.00%	0.00%	0.00%	794	747	768
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	99.94%	0.06%	0.06%	801	751	778
	Lalitpur	0.00%	100.00%	0.00%	0.00%	789	758	778
	Meerut	0.00%	99.92%	0.01%	0.01%	801	754	777
	Moga	0.00%	100.00%	0.00%	0.00%	794	744	770
	Phagi	0.00%	100.00%	0.00%	0.00%	795	746	775
Varanasi	0.00%	100.00%	0.00%	0.00%	790	753	777	
Unnao	0.08%	99.92%	0.00%	0.08%	779	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	762	777
	Aurangabad	0.00%	99.94%	0.06%	0.06%	801	768	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	762	775
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	761	769
	Bina	0.00%	100.00%	0.00%	0.00%	797	763	779
	Champa	0.00%	76.08%	16.88%	16.88%	808	779	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	767	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	770	786
	Ektuni	0.00%	100.00%	0.00%	0.00%	788	760	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	754	777
	Indore	0.00%	100.00%	0.00%	0.00%	795	762	777
	Jabalpur	0.00%	99.54%	0.46%	0.46%	802	767	783
	Koradi	0.00%	100.00%	0.00%	0.00%	777	757	769
	Pune	0.00%	100.00%	0.00%	0.00%	800	749	778
	Raigarh Pooling	0.00%	84.29%	15.71%	15.71%	806	784	796
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	782	789
	Sasan	0.00%	100.00%	0.00%	0.00%	776	757	766
	Satna	0.00%	100.00%	0.00%	0.00%	790	755	771
	Seoni	0.00%	100.00%	0.00%	0.00%	796	776	787
	Sipat	0.00%	100.00%	0.00%	0.00%	775	762	768
	Solapur	0.00%	92.12%	7.88%	7.88%	805	773	792
	Tamnar	0.00%	80.09%	19.91%	19.91%	806	786	797
	Tirora	0.00%	100.00%	0.00%	0.00%	768	754	763
Vadodara	0.00%	97.97%	2.03%	2.03%	803	767	787	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	757	767	
Wardha	0.00%	99.89%	0.11%	0.11%	801	770	789	
SR	Kurnool	0.00%	99.52%	0.48%	0.48%	802	761	784
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	767	783
	Raichur	0.00%	94.63%	5.37%	5.37%	804	767	788
	Nizamabad	0.32%	85.32%	14.36%	14.68%	811	705	792
	Srikakulam	0.00%	99.50%	0.50%	0.50%	806	776	791
	Thiruvalam	0.00%	83.45%	16.55%	16.55%	818	772	792
Vemagiri	0.00%	97.49%	2.51%	2.51%	808	779	792	
ER	Angul	0.00%	100.00%	0.00%	0.00%	790	767	777
	Gaya	0.00%	100.00%	0.00%	0.00%	785	745	768
	Jharsuguda	0.00%	99.82%	0.18%	0.18%	800	781	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	763	778
	Sasaram	0.00%	100.00%	0.00%	0.00%	786	732	764
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	393	402
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	409
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	406
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	419	413	405
	Misa (400 kV)	0.00%	94.47%	5.53%	5.53%	422	386	413
	Ranganadi (400 kV)	0.00%	99.65%	0.35%	0.35%	422	401	409
Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	408	
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	408	

Remarks: Unless otherwise specified, station may be treated as 765kV S/S.