

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

**System Reliability Indices Report for the week from
21-Aug-2017 to 27-Aug-2017**

Date: 31-Aug-2017

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	0.30
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
5	ER-NER	11	2.75	1.64

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	ER-NER	8	2.00	1.19

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 21-Aug-2017 to 27-Aug-2017

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%	795	751	775
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	754	758
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	748	761
	Anpara-D	0.00%	100.00%	0.00%	0.00%	776	750	761
	Anta	0.00%	100.00%	0.00%	0.00%	792	759	777
	Ballia	0.00%	100.00%	0.00%	0.00%	792	741	769
	Bara	0.00%	100.00%	0.00%	0.00%	759	759	759
	Bhiwani	0.00%	99.48%	0.52%	0.52%	801	763	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	750	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	740	765
	Greater Noida	0.00%	100.00%	0.00%	0.00%	800	760	780
	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	756	779
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	750	759
	Lucknow	0.00%	99.98%	0.02%	0.02%	800	747	771
	Lalitpur	0.00%	100.00%	0.00%	0.00%	784	760	773
	Meerut	0.00%	95.60%	2.61%	2.61%	806	762	784
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
Phagi	0.00%	100.00%	0.00%	0.00%	798	758	779	
Varanasi	0.00%	100.00%	0.00%	0.00%	794	751	774	
Unnao	0.00%	100.00%	0.00%	0.00%	781	736	758	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	771	782
	Aurangabad	0.00%	99.50%	0.50%	0.50%	805	760	786
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	758	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	762	769
	Bina	0.00%	100.00%	0.00%	0.00%	792	762	777
	Champa	0.00%	64.20%	26.18%	26.18%	810	790	798
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	798	771	782
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	756	784
	Ektuni	0.00%	100.00%	0.00%	0.00%	792	769	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	755	777
	Indore	0.00%	100.00%	0.00%	0.00%	787	760	774
	Jabalpur	0.00%	99.61%	0.39%	0.39%	801	762	780
	Koradi	0.00%	100.00%	0.00%	0.00%	783	765	774
	Pune	0.00%	100.00%	0.00%	0.00%	797	739	771
	Raigarh Pooling	0.00%	84.50%	15.50%	15.50%	806	787	796
	Raipur Pooling	0.00%	99.54%	0.46%	0.46%	801	774	788
	Sasan	0.00%	100.00%	0.00%	0.00%	769	753	761
	Satna	0.00%	100.00%	0.00%	0.00%	780	755	769
	Seoni	0.00%	100.00%	0.00%	0.00%	791	773	782
	Sipat	0.00%	100.00%	0.00%	0.00%	773	761	767
Solapur	0.00%	86.72%	13.28%	13.28%	808	775	795	
Tamnar	0.00%	74.15%	25.84%	25.84%	808	788	797	
Tirora	0.00%	100.00%	0.00%	0.00%	780	762	769	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	770	784	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	770	756	763	
Wardha	0.00%	99.85%	0.15%	0.15%	802	771	787	
SR	Kurnool	0.00%	90.56%	9.44%	9.44%	809	770	792
	Nellore PS	0.00%	97.17%	2.83%	2.83%	804	780	791
	Raichur	0.00%	92.53%	7.47%	7.47%	807	780	793
	Nizamabad	0.00%	100.00%	0.00%	0.00%	800	763	783
	Srikakulam	0.00%	99.51%	0.49%	0.49%	802	751	789
	Thiruvallam	0.00%	37.01%	62.99%	62.99%	819	788	803
Vemagiri	0.49%	99.51%	0.00%	0.49%	800	722	783	
ER	Angul	0.00%	100.00%	0.00%	0.00%	798	770	788
	Gaya	0.00%	100.00%	0.00%	0.00%	792	747	773
	Jharsuguda	0.00%	92.15%	7.85%	7.85%	807	786	794
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	770	784
	Sasaram	0.00%	100.00%	0.00%	0.00%	789	734	762
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	387	399
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	406
	Palatana (400 kV)	0.00%	93.14%	6.57%	6.57%	422	403	412
	Misa (400 kV)	0.00%	99.59%	0.41%	0.41%	424	396	410
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	418	392	407
	Biswanath Chariali (400 kV)	0.00%	99.35%	0.45%	0.45%	423	391	409
	Silchar (400 kV)	0.02%	93.90%	6.08%	6.10%	433	379	409

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