

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

**System Reliability Indices Report for the week from  
16-Jul-2018 to 22-Jul-2018**

Date: 27-Jul-2018

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	0.60
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	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	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	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 16-Jul-2018 to 22-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%	798	751	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	750	761
	Anpara-D	0.00%	100.00%	0.00%	0.00%	775	749	760
	Anta	0.00%	100.00%	0.00%	0.00%	797	768	784
	Ballia	0.00%	100.00%	0.00%	0.00%	792	742	772
	Bhiwani	0.00%	99.33%	0.67%	0.67%	805	755	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	732	761
	Greater Noida	0.00%	99.75%	0.25%	0.25%	803	758	775
	Jhatikara	0.00%	99.96%	0.04%	0.04%	801	751	772
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	99.90%	0.10%	0.10%	802	744	777
	Lalitpur	0.00%	100.00%	0.00%	0.00%	789	749	776
	Meerut	0.00%	98.54%	1.24%	1.24%	811	754	780
	Moga	0.00%	99.97%	0.03%	0.03%	801	737	771
Phagi	0.00%	99.03%	0.97%	0.97%	800	760	781	
Varanasi	0.00%	100.00%	0.00%	0.00%	788	750	773	
Unnao	0.00%	100.00%	0.00%	0.00%	781	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	793	754	779
	Aurangabad	0.00%	96.44%	3.56%	3.56%	803	772	790
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	761	776
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	759	769
	Bina	0.00%	100.00%	0.00%	0.00%	798	760	781
	Champa	0.00%	95.34%	4.22%	4.22%	808	780	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	760	774
	Dhule (BDTCL)	0.00%	96.33%	3.67%	3.67%	802	775	787
	Ektuni	0.00%	100.00%	0.00%	0.00%	794	761	780
	Gwalior	0.00%	99.80%	0.20%	0.20%	802	746	779
	Indore	0.00%	100.00%	0.00%	0.00%	794	767	778
	Jabalpur	0.00%	99.86%	0.14%	0.14%	801	762	783
	Koradi	0.00%	100.00%	0.00%	0.00%	777	757	769
	Pune	0.00%	97.29%	0.00%	0.00%	800	754	780
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	783	792
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	797	777	786
	Sasan	0.00%	100.00%	0.00%	0.00%	782	756	769
	Satna	0.00%	100.00%	0.00%	0.00%	789	753	773
	Seoni	0.00%	99.98%	0.02%	0.02%	801	776	789
	Sipat	0.00%	100.00%	0.00%	0.00%	774	760	768
	Solapur	0.00%	80.78%	19.22%	19.22%	808	771	795
	Tamnar	0.00%	99.95%	0.05%	0.05%	800	785	794
Tirora	0.00%	100.00%	0.00%	0.00%	770	754	764	
Vadodara	0.00%	92.69%	7.31%	7.31%	807	773	788	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	782	757	770	
Wardha	0.00%	99.36%	0.64%	0.64%	801	770	791	
SR	Kurnool	0.00%	97.52%	2.48%	2.48%	804	761	785
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	765	783
	Raichur	0.00%	91.57%	8.43%	8.43%	807	766	790
	Nizamabad	0.09%	86.86%	13.05%	13.14%	808	716	794
	Srikakulam	0.00%	99.32%	0.68%	0.68%	802	773	791
	Thiruvalem	0.00%	84.74%	15.26%	15.26%	809	774	789
Vemagiri	0.00%	94.23%	5.77%	5.77%	802	774	792	
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	765	778
	Gaya	0.00%	100.00%	0.00%	0.00%	782	746	767
	Jharsuguda	0.00%	99.76%	0.24%	0.24%	800	779	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	783	764	775
	Sasaram	0.00%	100.00%	0.00%	0.00%	793	731	758
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	405
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	391	401
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	408
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	405
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	419	412	405
	Misa (400 kV)	0.00%	99.78%	0.22%	0.22%	423	401	413
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	405	404	405
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	395	409
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	406	

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