

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

**System Reliability Indices Report for the week from  
09-Jul-2018 to 15-Jul-2018**

Date: 20-Jul-2018

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	70	17.50	10.42
2	ER-NR	0	0.00	0.00
3	Import of NR	49	12.25	7.29
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	18	4.50	2.68
2	ER-NR	0	0.00	0.00
3	Import of NR	5	1.25	0.74
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 09-Jul-2018 to 15-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%	99.98%	0.01%	0.01%	801	753	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	771	753	762
	Anpara-D	0.00%	100.00%	0.00%	0.00%	770	751	760
	Anta	0.00%	100.00%	0.00%	0.00%	796	763	782
	Ballia	0.00%	100.00%	0.00%	0.00%	792	749	771
	Bhiwani	0.00%	99.89%	0.11%	0.11%	803	754	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	745	765
	Greater Noida	0.00%	99.76%	0.24%	0.24%	804	751	777
	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	743	772
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	752	775
	Lalitpur	0.00%	100.00%	0.00%	0.00%	791	762	777
	Meerut	0.00%	94.69%	4.04%	4.04%	817	752	783
	Moga	0.00%	100.00%	0.00%	0.00%	796	751	774
	Phagi	0.00%	99.81%	0.19%	0.19%	800	756	779
Varanasi	0.00%	100.00%	0.00%	0.00%	789	754	770	
Unnao	0.00%	100.00%	0.00%	0.00%	780	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	765	779
	Aurangabad	0.00%	99.96%	0.04%	0.04%	800	768	789
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	760	775
	Bilaspur	0.00%	100.00%	0.00%	0.00%	781	757	768
	Bina	0.00%	100.00%	0.00%	0.00%	796	763	779
	Champa	0.00%	94.55%	3.57%	3.57%	806	777	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	761	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	773	787
	Ektuni	0.00%	100.00%	0.00%	0.00%	790	764	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	757	777
	Indore	0.00%	100.00%	0.00%	0.00%	793	767	778
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	767	782
	Koradi	0.00%	100.00%	0.00%	0.00%	782	759	770
	Pune	0.00%	99.94%	0.00%	0.00%	800	736	778
	Raigarh Pooling	0.00%	94.14%	5.86%	5.86%	803	782	793
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	792	774	784
	Sasan	0.00%	100.00%	0.00%	0.00%	779	750	768
	Satna	0.00%	100.00%	0.00%	0.00%	788	755	771
	Seoni	0.00%	99.97%	0.03%	0.03%	801	777	789
	Sipat	0.00%	100.00%	0.00%	0.00%	776	757	766
	Solapur	0.00%	90.30%	9.70%	9.70%	805	775	794
	Tamnar	0.00%	88.60%	11.40%	11.40%	805	785	795
	Tirora	0.00%	100.00%	0.00%	0.00%	772	757	764
	Vadodara	0.00%	96.89%	3.11%	3.11%	805	767	787
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	765	768	
Wardha	0.00%	99.26%	0.74%	0.74%	802	771	791	
SR	Kurnool	0.00%	99.76%	0.24%	0.24%	803	762	785
	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	768	784
	Raichur	0.00%	96.44%	3.56%	3.56%	806	768	790
	Nizamabad	0.39%	71.53%	28.08%	28.47%	809	704	794
	Srikakulam	0.00%	96.44%	3.56%	3.56%	812	779	792
	Thiruvallam	0.00%	79.41%	20.59%	20.59%	808	773	791
	Vemagiri	0.00%	90.01%	9.99%	9.99%	810	783	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	793	765	779
	Gaya	0.00%	100.00%	0.00%	0.00%	785	747	765
	Jharsuguda	0.00%	99.48%	0.52%	0.52%	802	778	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	754	774
	Sasaram	0.01%	99.99%	0.00%	0.01%	789	721	757
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	401	405
	Balipara (400 kV)	0.00%	99.90%	0.10%	0.10%	420	395	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	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	401	405
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	419	411	405
	Misa (400 kV)	0.00%	98.20%	1.80%	1.80%	423	401	413
	Ranganadi (400 kV)	0.00%	99.46%	0.54%	0.54%	421	400	407
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	394	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	407

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