

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

**System Reliability Indices Report for the week from  
23-Jul-2018 to 29-Jul-2018**

Date: 3-Jul-2018

**Percentage (%) of times ATC 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
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 23-Jul-2018 to 29-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	753	777
	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	758	771
	Anpara-D	0.00%	100.00%	0.00%	0.00%	783	757	770
	Anta	0.00%	100.00%	0.00%	0.00%	798	765	784
	Ballia	0.00%	100.00%	0.00%	0.00%	790	741	772
	Bhiwani	0.00%	97.63%	2.37%	2.37%	803	759	781
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.10%	99.78%	0.00%	0.10%	784	727	762
	Greater Noida	0.00%	95.43%	4.57%	4.57%	806	758	781
	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	752	775
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	746	776
	Lalitpur	0.00%	100.00%	0.00%	0.00%	791	768	780
	Meerut	0.00%	89.70%	9.28%	9.28%	814	753	784
	Moga	0.00%	99.35%	0.65%	0.65%	802	752	776
	Phagi	0.00%	98.46%	1.54%	1.54%	801	760	783
Varanasi	0.00%	100.00%	0.00%	0.00%	793	754	776	
Unnao	0.00%	100.00%	0.00%	0.00%	781	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	763	781
	Aurangabad	0.00%	99.71%	0.29%	0.29%	802	760	788
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	766	778
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	760	770
	Bina	0.00%	100.00%	0.00%	0.00%	800	765	783
	Champa	0.00%	98.64%	0.17%	0.17%	801	775	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	761	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	753	784
	Ektuni	0.00%	100.00%	0.00%	0.00%	790	768	782
	Gwalior	0.00%	99.24%	0.76%	0.76%	802	757	781
	Indore	0.00%	100.00%	0.00%	0.00%	795	767	779
	Jabalpur	0.00%	95.13%	4.87%	4.87%	803	771	787
	Koradi	0.00%	100.00%	0.00%	0.00%	778	759	770
	Pune	0.00%	98.35%	0.00%	0.00%	800	752	781
	Raigarh Pooling	0.00%	99.98%	0.02%	0.02%	800	782	791
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	791	779	784
	Sasan	0.00%	100.00%	0.00%	0.00%	781	756	768
	Satna	0.00%	100.00%	0.00%	0.00%	790	756	773
	Seoni	0.00%	99.86%	0.14%	0.14%	801	776	789
	Sipat	0.00%	100.00%	0.00%	0.00%	775	761	769
Solapur	0.00%	95.78%	4.22%	4.22%	807	769	792	
Tamnar	0.00%	99.78%	0.22%	0.22%	801	784	792	
Tirora	0.00%	100.00%	0.00%	0.00%	770	757	765	
Vadodara	0.00%	95.20%	4.80%	4.80%	805	770	787	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	756	768	
Wardha	0.00%	99.92%	0.08%	0.08%	801	762	788	
SR	Kurnool	0.00%	99.08%	0.92%	0.92%	807	760	784
	Nellore PS	0.00%	99.32%	0.68%	0.68%	803	765	782
	Raichur	0.00%	98.03%	1.97%	1.97%	804	768	787
	Nizamabad	0.00%	95.22%	4.78%	4.78%	806	765	789
	Srikakulam	0.00%	100.00%	0.00%	0.00%	799	777	788
	Thiruvalam	0.00%	77.51%	22.49%	22.49%	813	768	792
Vemagiri	0.00%	100.00%	0.00%	0.00%	799	779	790	
ER	Angul	0.00%	100.00%	0.00%	0.00%	787	767	777
	Gaya	0.00%	100.00%	0.00%	0.00%	785	750	769
	Jharsuguda	0.00%	99.24%	0.76%	0.76%	801	775	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	764	779
	Sasaram	0.07%	99.93%	0.00%	0.07%	799	726	757
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	401	405
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	403	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	393	400
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	407
	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%	418	408	405
	Misa (400 kV)	0.00%	99.38%	0.62%	0.62%	422	405	413
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	405	404	405
Biswanath Chariali (400 kV)	0.00%	99.99%	0.00%	0.00%	420	400	410	
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	397	405	

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