

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
27-Jun-2016 to 03-Jul-2016

Date: 8-Jul-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	100	25.00	14.88
2	ER-NR	0	0.00	0.00
3	Import of NR	204	51.00	30.36
4	NEW-SR	7	1.75	1.04
5	ER-NER	32	8.00	4.76

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	24	6.00	3.57
2	ER-NR	0	0.00	0.00
3	Import of NR	66	16.50	9.82
4	NEW-SR	0	0.00	0.00
4	ER-NER	21	5.25	3.13

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 27-Jun-2016 to 03-Jul-2016

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%	99.87%	0.08%	0.08%	802	742	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	748	763
	Ballia	0.00%	100.00%	0.00%	0.00%	788	737	761
	Bhiwani	0.00%	92.31%	7.69%	7.69%	807	746	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	797	732	761
	Jhatikara	0.00%	99.22%	0.78%	0.78%	804	741	776
	Lucknow	0.00%	97.22%	2.78%	2.78%	810	744	772
	Meerut	0.00%	85.27%	13.83%	13.83%	815	747	783
	Moga	0.00%	100.00%	0.00%	0.00%	786	753	767
Phagi	0.00%	99.16%	0.84%	0.84%	803	745	773	
Unnao	0.82%	99.18%	0.00%	0.82%	784	725	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	751	772
	Aurangabad	0.00%	95.65%	4.35%	4.35%	806	754	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	742	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	783	756	769
	Bina	0.00%	99.54%	0.46%	0.46%	803	748	773
	Champa	0.00%	92.02%	5.13%	5.13%	808	775	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	755	775
	Dhule (BDTCL)	0.00%	99.38%	0.63%	0.63%	801	754	782
	Gwalior	0.00%	98.86%	1.14%	1.14%	804	744	775
	Indore	0.00%	100.00%	0.00%	0.00%	799	745	770
	Jabalpur	0.00%	99.41%	0.59%	0.59%	803	752	776
	Koradi	0.00%	100.00%	0.00%	0.00%	773	739	758
	Pune	0.00%	97.82%	0.00%	0.00%	800	746	782
	Raigarh PS (Kotra)	0.00%	98.98%	1.02%	1.02%	803	777	791
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	795	772	783
	Sasan	0.00%	100.00%	0.00%	0.00%	785	753	769
	Satna	0.00%	100.00%	0.00%	0.00%	798	747	772
	Seoni	0.00%	99.94%	0.06%	0.06%	800	762	781
	Sipat	0.00%	100.00%	0.00%	0.00%	779	755	767
	Sholapur	0.00%	57.52%	36.86%	36.86%	818	760	797
Tamnar PS	0.00%	99.41%	0.59%	0.59%	802	777	790	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	99.88%	0.12%	0.12%	801	749	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	785	758	772	
Wardha	0.12%	98.35%	1.53%	1.65%	805	712	786	
SR	Nellore PS	0.00%	89.51%	10.49%	10.49%	811	769	792
	Raichur	0.00%	76.50%	23.50%	23.50%	816	756	794
	Kurnool	0.00%	68.69%	31.31%	31.31%	818	758	795
	Thiruvalam	0.00%	42.11%	57.89%	57.89%	823	774	802
ER	Angul	0.00%	100.00%	0.00%	0.00%	790	764	779
	Gaya	0.00%	100.00%	0.00%	0.00%	781	735	758
	Jharsuguda	0.00%	99.01%	0.99%	0.99%	803	771	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	766	785
Sasaram	0.20%	99.80%	0.00%	0.20%	795	726	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	404	408
	Balipara (400 kV)	0.00%	98.58%	1.42%	1.42%	430	384	410
	Bongaigaon (400 kV)	0.00%	99.15%	0.85%	0.85%	425	393	411
	Misa (400 kV)	0.00%	96.62%	3.38%	3.38%	431	390	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	411

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