

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
29-Oct-2018 to 04-Nov-2018

Date: 8-Nov-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	21	5.25	3.13
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 29-Oct-2018 to 04-Nov-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%	99.97%	0.01%	0.01%	801	758	782
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	764	769
	Anpara-D	0.00%	100.00%	0.00%	0.00%	774	762	767
	Anta	0.00%	100.00%	0.00%	0.00%	795	767	781
	Ballia	0.00%	100.00%	0.00%	0.00%	781	757	771
	Bhiwani	0.00%	92.98%	7.02%	7.02%	808	770	791
	Bareilly	0.00%	100.00%	0.00%	0.00%	759	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	743	762
	Greater Noida	0.00%	91.69%	8.31%	8.31%	807	769	791
	Jhatikara	0.00%	93.25%	6.75%	6.75%	808	764	789
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	765	779
	Lalitpur	0.00%	100.00%	0.00%	0.00%	796	730	758
	Meerut	0.00%	89.37%	8.23%	8.23%	812	765	791
	Moga	0.00%	99.66%	0.34%	0.34%	808	753	780
	Phagi	0.00%	99.21%	0.79%	0.79%	802	765	785
	Varanasi	0.00%	100.00%	0.00%	0.00%	787	762	776
Unnao	0.00%	100.00%	0.00%	0.00%	782	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	755	770
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	761	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	753	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	759	769
	Bina	0.00%	100.00%	0.00%	0.00%	793	766	778
	Champa	0.00%	92.76%	3.58%	3.58%	804	784	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	769	780
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	758	773
	Ektuni	0.00%	100.00%	0.00%	0.00%	788	751	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	763	782
	Indore	0.00%	100.00%	0.00%	0.00%	790	752	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	800	761	786
	Koradi	0.00%	100.00%	0.00%	0.00%	772	754	764
	Pune	0.00%	100.00%	0.00%	0.00%	797	749	777
	Raigarh Pooling	0.00%	99.09%	0.91%	0.91%	801	783	791
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	792	781	787
	Sasan	0.00%	100.00%	0.00%	0.00%	776	758	764
	Satna	0.00%	100.00%	0.00%	0.00%	782	758	768
	Seoni	0.00%	100.00%	0.00%	0.00%	795	763	779
	Sipat	0.00%	100.00%	0.00%	0.00%	776	759	768
	Solapur	0.00%	97.02%	2.98%	2.98%	805	767	789
	Tamnar	0.00%	99.20%	0.80%	0.80%	802	784	793
	Tirora	0.00%	100.00%	0.00%	0.00%	766	751	760
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	762	778
	Vindhychal PS	0.00%	100.00%	0.00%	0.00%	777	759	764
	Wardha	0.00%	99.82%	0.18%	0.18%	802	766	785
SR	Kurnool	0.00%	98.99%	1.01%	1.01%	804	760	780
	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	765	782
	Raichur	0.00%	99.72%	0.28%	0.28%	802	763	781
	Nizamabad	0.00%	88.15%	11.85%	11.85%	805	767	791
	Srikakulam	0.00%	100.00%	0.00%	0.00%	798	764	783
	Thiruvallam	0.00%	95.34%	4.66%	4.66%	813	767	787
	Vemagiri	0.00%	100.00%	0.00%	0.00%	799	764	785
ER	Angul	0.00%	100.00%	0.00%	0.00%	787	760	773
	Gaya	0.00%	100.00%	0.00%	0.00%	784	754	771
	Jharsuguda	0.00%	98.96%	1.04%	1.04%	804	777	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	766	780
	Sasaram	0.00%	100.00%	0.00%	0.00%	787	736	761
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	398	407
	Balipara (400 kV)	0.00%	99.75%	0.25%	0.25%	423	396	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	392	405
	Bongaigaon TPS (400 kV)	0.00%	99.82%	0.18%	0.18%	421	403	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	398	407
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	409	405
	Misa (400 kV)	0.00%	95.46%	4.54%	4.54%	425	398	413
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	410	404	408
	Biswanath Chariali (400 kV)	0.00%	99.51%	0.17%	0.17%	423	393	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	407

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