

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
25-Jan-2016 to 31-Jan-2016

Date: 4-Feb-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	206	51.50	30.65
2	ER-NR	0	0.00	0.00
3	Import of NR	19	4.75	2.83
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 25-Jan-2016 to 31-Jan-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%	99.96%	0.02%	0.02%	801	747	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	736	760
	Moga	0.00%	98.22%	1.78%	1.78%	806	758	785
	Phagi	0.00%	100.00%	0.00%	0.00%	789	740	768
WR	Aurangabad	0.00%	99.47%	0.53%	0.53%	806	750	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	752	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	753	778
	Sholapur	0.00%	62.01%	35.12%	35.12%	817	765	794
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	754	779
SR	Nellore PS	0.00%	96.01%	3.99%	3.99%	804	755	779
	Raichur	0.00%	75.81%	24.19%	24.19%	814	767	792
	Thiruvallam	0.00%	19.11%	80.89%	80.89%	820	786	809
ER	Gaya	0.00%	100.00%	0.00%	0.00%	778	735	757
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	0	779
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	47	780
NER	Balipara (400 kV)	0.00%	67.76%	32.24%	32.24%	433	389	415
	Bongaigaon (400 kV)	0.03%	99.97%	0.00%	0.03%	417	380	403
	Silchar (400 kV)	0.00%	97.27%	2.73%	2.73%	422	0	412

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