

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

Date of Reporting: **2-Dec-16**
System Reliability Indices Report for: **1-Dec-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	56	14.00	58.33
2	ER-NR	0	0.00	0.00
3	Import of NR	67	16.75	69.79
4	NEW-SR	6	1.50	6.25
5	NER Import	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	29	7.25	30.21
2	ER-NR	0	0.00	0.00
3	Import of NR	46	11.50	47.92
4	NEW-SR	0	0.00	0.00
4	NER Import	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 day of 01-Dec-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%	100.00%	0.00%	0.00%	793	748	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	738	756
	Moga	0.00%	99.79%	0.21%	0.21%	801	734	772
	Phagi	0.00%	100.00%	0.00%	0.00%	796	751	776
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	744	773
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	757	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	755	773
	Sholapur	0.00%	99.58%	0.42%	0.42%	802	750	780
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	757	778
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	767	781
	Raichur	0.00%	100.00%	0.00%	0.00%	799	760	781
	Thiruvalam	0.00%	80.21%	19.79%	19.79%	809	775	793
ER	Gaya	0.00%	100.00%	0.00%	0.00%	786	753	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	788	770	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	764	773
NER	Balipara (400 kV)	0.00%	95.00%	5.00%	5.00%	421	387	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	390	406
	Silchar (400 kV)	0.00%	80.63%	19.38%	19.38%	424	399	414

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