

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **20-Nov-15**
System Reliability Indices Report for: **19-Nov-15**

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	NEW-SR	15	3.75	15.63
4	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	NEW-SR	2	0.50	2.08
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 day of 19-Nov-2015

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%	0	0	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	0	0	754
	Moga	0.00%	100.00%	0.00%	0.00%	0	0	781
	Phagi	0.00%	100.00%	0.00%	0.00%	0	0	766
WR	Aurangabad	0.00%	91.91%	0.00%	0.00%	0	0	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	0	0	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	0	0	772
	Sholapur	0.00%	71.73%	22.41%	22.41%	0	0	792
	Vadodara	0.00%	100.00%	0.00%	0.00%	0	0	777
SR	Nellore PS	0.00%	78.47%	21.53%	21.53%	0	0	795
	Raichur	0.00%	94.59%	5.41%	5.41%	0	0	786
	Thiruvalam	0.00%	20.72%	79.28%	79.28%	0	0	807
ER	Gaya	0.00%	100.00%	0.00%	0.00%	0	0	756
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	0	0	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	0	0	766
NER	Balipara (400 kV)	0.00%	84.80%	15.20%	15.20%	0	0	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	0	0	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	0	0	412

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