

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

**System Reliability Indices Report for the week from
20-Jul-2015 to 26-Jul-2015**

Date: 30-Jul-2015

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	200	50.00	29.76
2	ER-NR	0	0.00	0.00
3	Import of NR	55	13.75	8.18
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 20-Jul-2015 to 26-Jul-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%	99.99%	0.00%	0.00%	800	738	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	736	757
	Moga	0.00%	100.00%	0.00%	0.00%	798	758	777
	Phagi	0.00%	100.00%	0.00%	0.00%	795	734	763
WR	Aurangabad	0.01%	99.99%	0.00%	0.01%	790	727	768
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	774	757	764
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	740	769
	Sholapur	0.00%	97.53%	1.23%	1.23%	804	751	783
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	758	776
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	0	777
	Raichur	0.00%	100.00%	0.00%	0.00%	418	383	401
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	418	391	405
ER	Gaya	0.00%	100.00%	0.00%	0.00%	766	748	758
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	781	743	767
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	746	767
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	403

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