

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

**System Reliability Indices Report for the week from
26-Oct-2015 to 01-Nov-2015**

Date: 4-Nov-2015

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	419	104.75	62.35
4	NEW-SR	19	4.75	2.83
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	13	3.25	1.93
3	Import of NR	10	2.50	1.49
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 26-Oct-2015 to 01-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%	99.93%	0.00%	0.00%	800	756	778
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	736	762
	Moga	0.00%	93.98%	6.02%	6.02%	806	761	784
	Phagi	0.00%	100.00%	0.00%	0.00%	796	741	772
WR	Aurangabad	0.00%	99.14%	0.00%	0.00%	800	742	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	795	759	771
	Gwalior	0.00%	99.82%	0.18%	0.18%	802	758	778
	Sholapur	0.00%	96.74%	2.70%	2.70%	810	748	782
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	755	777
SR	Nellore PS	0.00%	99.28%	0.72%	0.72%	803	0	786
	Raichur	0.00%	99.77%	0.23%	0.23%	803	0	778
	Thiruvalam	10.65%	53.22%	20.28%	30.93%	803	-329	695
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	744	770
	Jharsuguda	0.00%	98.97%	1.03%	1.03%	804	771	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	748	767
NER	Balipara (400 kV)	0.00%	97.98%	2.02%	2.02%	431	389	410
	Bongaigaon (400 kV)	0.00%	99.97%	0.03%	0.03%	422	387	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	398	411

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