

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **31-Jul-16**
System Reliability Indices Report for: **30-Jul-16**

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	1	0.25	1.04
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 day of 30-Jul-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%	794	746	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	735	761
	Moga	0.00%	97.29%	2.71%	2.71%	803	764	785
	Phagi	0.00%	100.00%	0.00%	0.00%	790	761	780
WR	Aurangabad	0.00%	98.75%	1.25%	1.25%	802	754	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	766	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	749	776
	Sholapur	0.00%	73.47%	21.94%	21.94%	809	762	792
	Vadodara	0.00%	100.00%	0.00%	0.00%	790	768	780
SR	Nellore PS	0.00%	97.71%	2.29%	2.29%	801	783	792
	Raichur	0.00%	80.28%	19.72%	19.72%	808	768	793
	Thiruvalam	0.00%	14.79%	85.21%	85.21%	818	798	807
ER	Gaya	0.00%	100.00%	0.00%	0.00%	793	756	776
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	776	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	781	781	781
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	410

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