

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

**System Reliability Indices Report for the week from  
26-Jun-2017 to 02-Jul-2017**

Date: 7-Jul-2017

**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	30	7.50	4.46
4	NEW-SR	5	1.25	0.74
5	ER-NER	79	19.75	11.76

**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	3	0.75	0.45
4	NEW-SR	0	0.00	0.00
4	ER-NER	69	17.25	10.27

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-Jun-2017 to 02-Jul-2017

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%	99.54%	0.31%	0.31%	804	740	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	804	732	762
	Moga	0.00%	99.87%	44.36%	44.36%	801	751	774
	Phagi	0.00%	97.97%	2.03%	2.03%	802	753	779
WR	Aurangabad	0.00%	97.57%	2.43%	2.43%	804	762	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	800	765	784
	Gwalior	0.00%	99.53%	0.47%	0.47%	802	742	778
	Sholapur	0.00%	79.62%	20.38%	20.38%	810	769	795
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	767	783
SR	Nellore PS	0.00%	98.53%	1.47%	1.47%	804	774	789
	Raichur	0.00%	83.91%	16.09%	16.09%	811	774	794
	Thiruvalam	0.00%	62.88%	37.12%	37.12%	816	0	798
ER	Gaya	0.00%	99.83%	0.17%	0.17%	802	756	776
	Jharsuguda	0.00%	77.72%	22.28%	22.28%	808	773	796
	Ranchi	0.00%	99.23%	0.77%	0.77%	804	772	789
NER	Balipara (400 kV)	0.00%	99.94%	0.06%	0.06%	421	393	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	389	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	409

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