POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE

NEW DELHI

Date of Reporting: **9-Jul-17**

System Reliability Indices Report for: **8-Jul-17**

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	0	0.00	0.00
4	NEW-SR	8	2.00	8.33
5	NER Import	13	3.25	13.54

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	NER Import	12	3.00	12.50

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 08-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%	100.00%	0.00%	0.00%	792	753	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	741	762
	Moga	0.00%	100.00%	100.00%	0.00%	782	763	774
	Phagi	0.00%	100.00%	0.00%	0.00%	790	759	778
WR	Aurangabad	0.00%	99.86%	0.14%	0.14%	801	758	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	775	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	763	782
	Sholapur	0.00%	94.51%	5.49%	5.49%	804	766	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	763	780
SR	Nellore PS	0.00%	99.72%	0.28%	0.28%	801	778	789
	Raichur	0.00%	98.89%	1.11%	1.11%	802	772	790
	Thiruvalam	0.00%	65.76%	34.24%	34.24%	813	787	798
ER	Gaya	0.00%	100.00%	0.00%	0.00%	786	756	773
	Jharsuguda	0.00%	98.61%	1.39%	1.39%	800	773	794
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	775	785
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	393	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	406	388	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	409

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