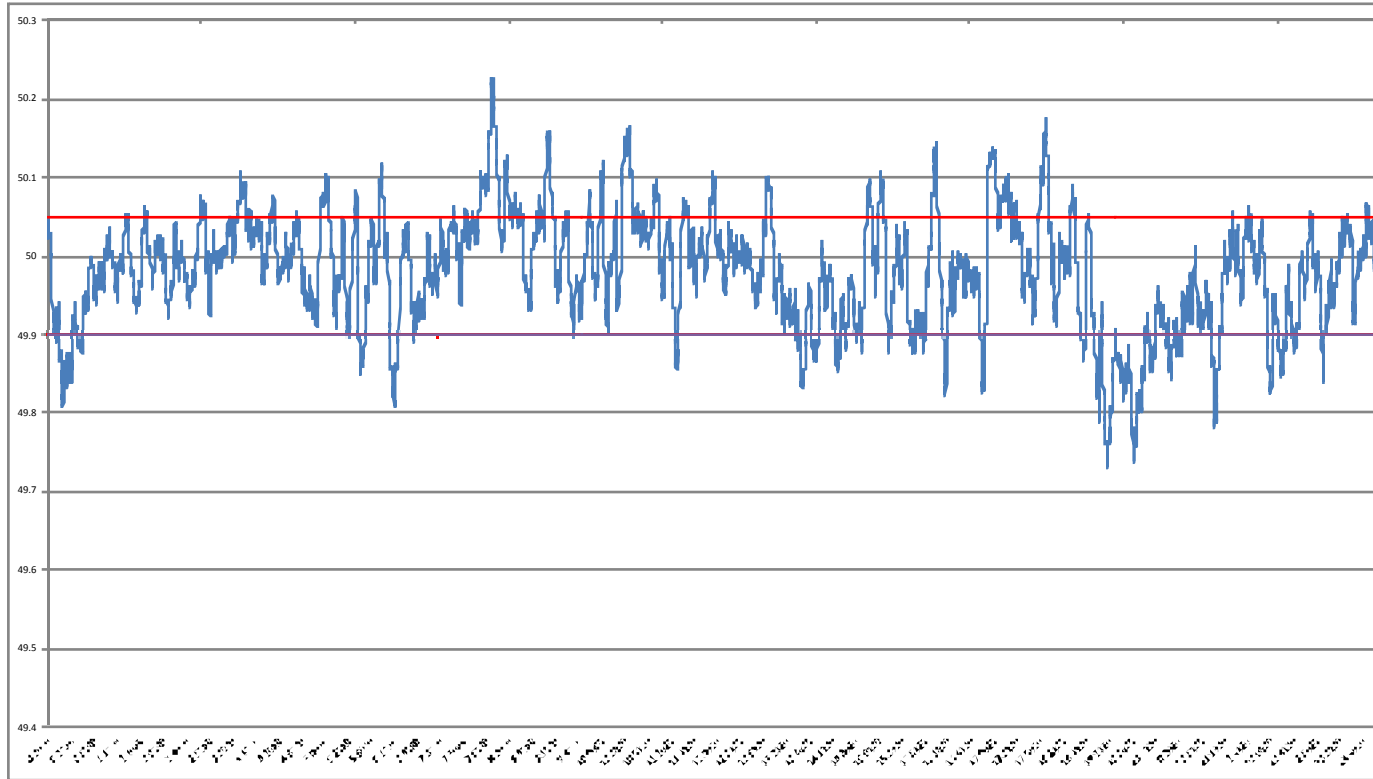




POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DISPATCH CENTRE NEW DELHI

NPC-WINDHYACHAL Frequency

National Grid Frequency Profile for 20-Aug15



<49.2	<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2
0	0.00	13.69	41.17	1.10	12.59	45.23	36.98	3.92	71.35	99.83	33.74	10.91	41.00	25.09	14.95	0.17

Average Frequency	49.98	Frequency Variation Index :	0.056	Standard Deviation :	0.072
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Instantaneous Frequency	
Max	50.227 8:02:00
Min	49.73 19:11:00

15 minute average Frequency	
Max	50.116 8:15:00
Min	49.806 19:45:00

No. of excursion above 50.03 Hz	119
No. of excursion below 49.97 Hz	123
No. of excursion above 50.00 Hz	139
No. of excursion below 50.00 Hz	135

Average time freq remains below 49.97 per excursion	0.0449	Average time frequency remains above 50.03 per excursion	0.0302
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