

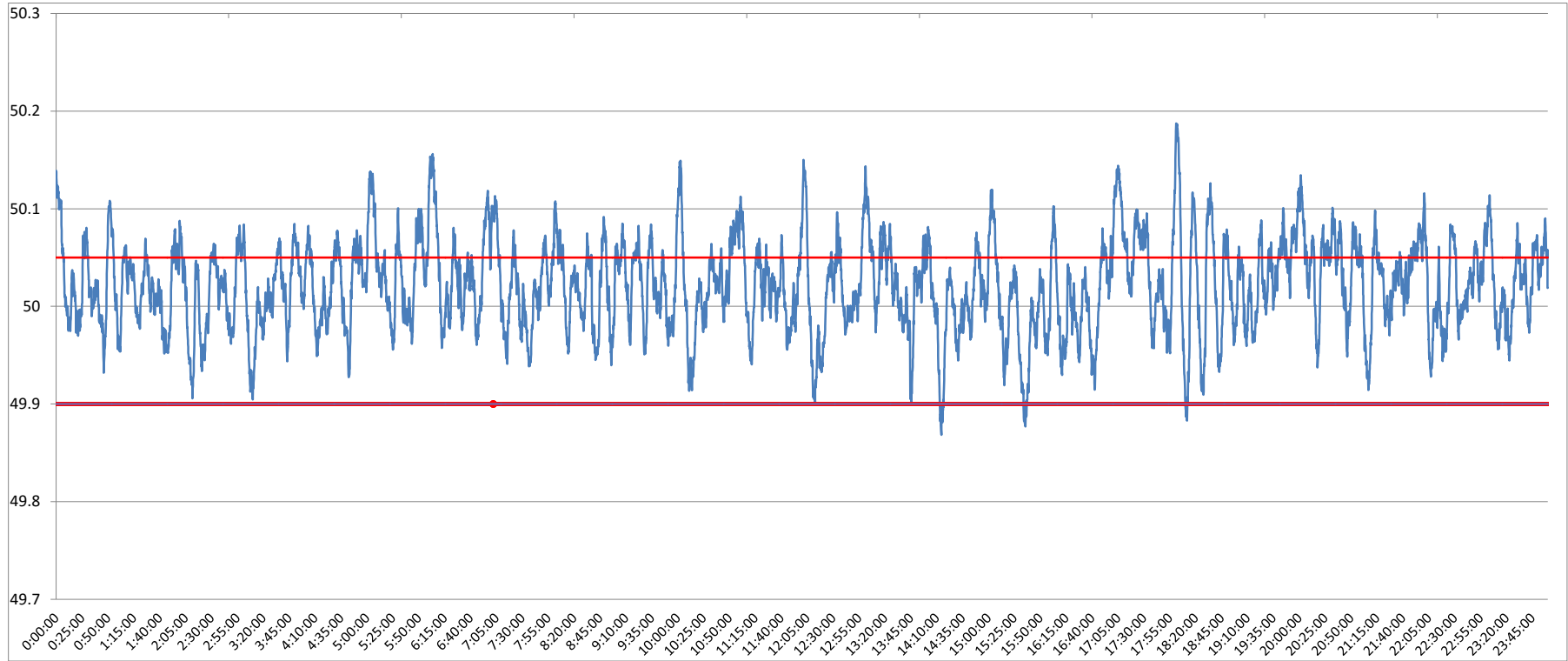


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

10-Sep-16



<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	0.58	13.44	0.00	0.58	32.49	62.27	4.66	71.78	100.00	43.89	23.11	66.75	42.67	27.64	0.00

Average Frequency	50.02	Frequency Variation Index :	0.026	Standard Deviation :	0.047
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Instantaneous Frequency		
Max	50.19	18:01:10
Min	49.87	14:14:30

15 minute average Frequency		
Max	50.095	17:15:00
Min	49.940	15:45:00

No. of excursion above 50.03 Hz	167
No. of excursion below 49.97 Hz	104
No. of excursion above 50.00 Hz	161
No. of excursion below 50.00 Hz	161

Average time freq remains below 49.97 per excursion	0:01:52	Average time frequency remains above 50.03 per excursion	0:03:41
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