

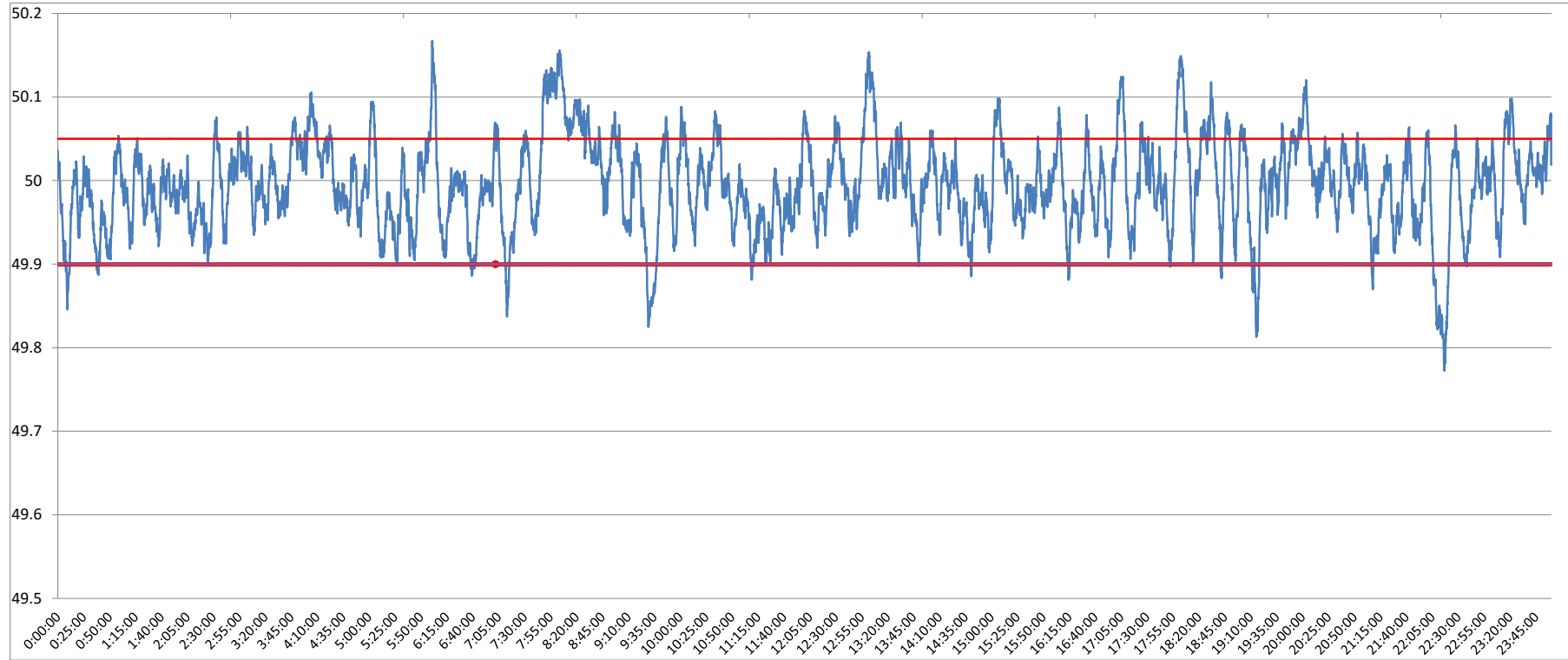


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

17-Aug-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	3.59	31.46	0.12	3.47	50.88	42.45	3.08	81.48	100.00	44.00	11.90	45.44	24.54	14.93	0.00

Average Frequency	49.99	Frequency Variation Index :	0.030	Standard Deviation :	0.055
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Instantaneous Frequency	
Max	50.17 6:01:00
Min	49.77 22:16:50

15 minute average Frequency	
Max	50.101 8:15:00
Min	49.905 22:15:00

No. of excursion above 50.03 Hz	132
No. of excursion below 49.97 Hz	152
No. of excursion above 50.00 Hz	170
No. of excursion below 50.00 Hz	173

Average time freq remains below 49.97 per excursion	0:02:59	Average time frequency remains above 50.03 per excursion	0:02:41
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