

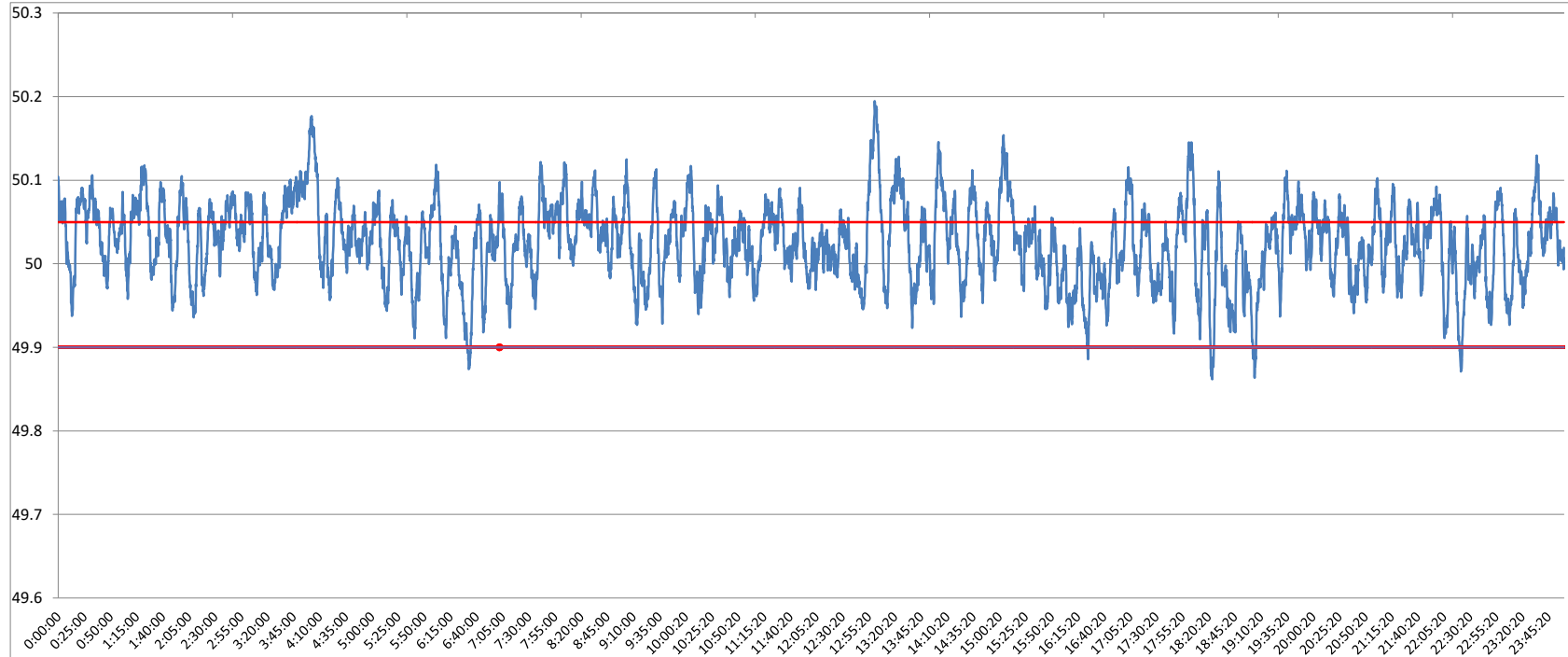


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

22-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	0.88	13.59	0.00	0.88	28.87	65.46	4.79	67.34	100.00	39.03	27.12	70.20	47.38	31.78	0.00

Average Frequency	50.02	Frequency Variation Index :	0.030	Standard Deviation :	0.048
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Instantaneous Frequency		
Max	50.19	13:01:00
Min	49.86	18:23:50

15 minute average Frequency		
Max	50.095	4:00:00
Min	49.955	19:15:00

No. of excursion above 50.03 Hz	197
No. of excursion below 49.97 Hz	114
No. of excursion above 50.00 Hz	148
No. of excursion below 50.00 Hz	148

Average time freq remains below 49.97 per excursion	0:01:43	Average time frequency remains above 50.03 per excursion	0:03:28
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