

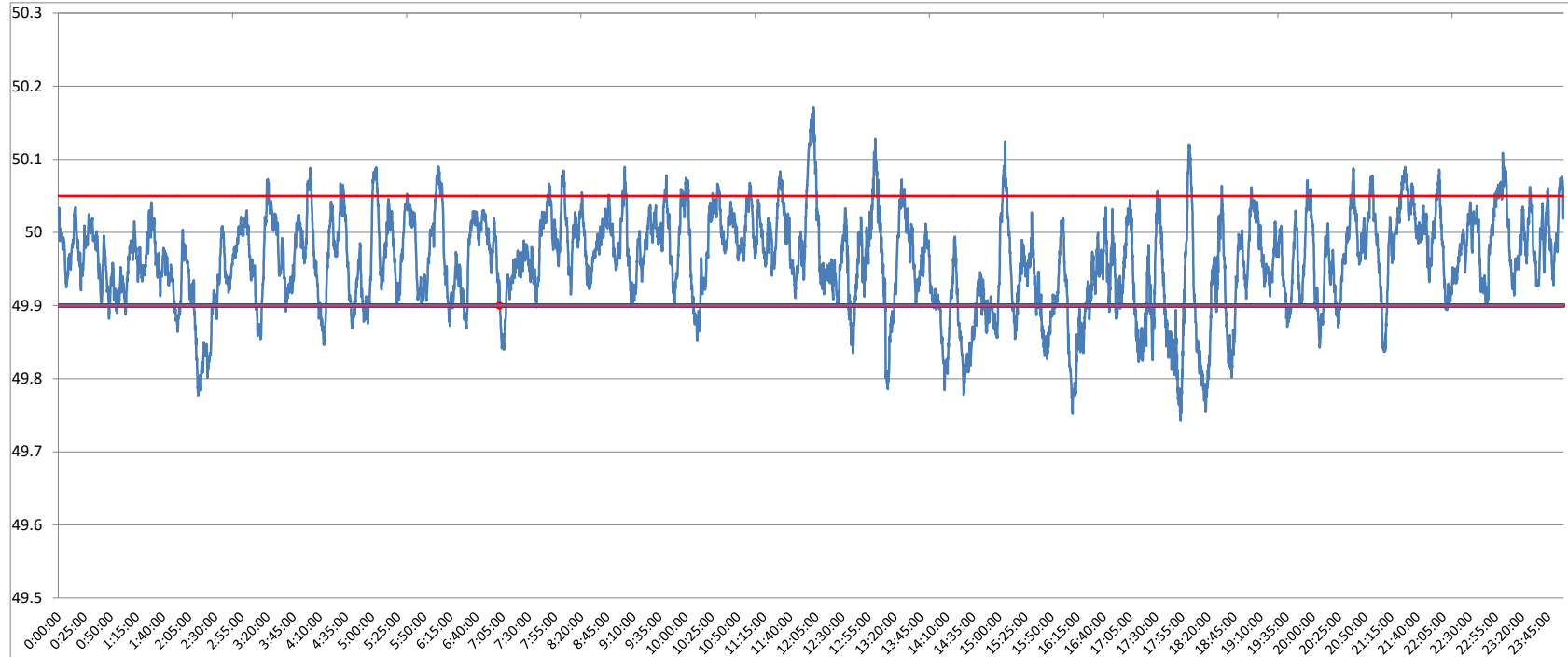


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

BINAGURI:Frequency

National Grid Frequency Profile for

20-Oct-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	16.97	53.04	1.40	15.57	54.06	28.29	0.68	75.73	100.00	33.87	6.63	28.92	13.09	7.30	0.00

Average Frequency	49.96	Frequency Variation Index :	0.058	Standard Deviation :	0.065
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Instantaneous Frequency		
Max	50.17	12:02:30
Min	49.74	17:53:30

15 minute average Frequency			
Max	50.027	21:30:00	
Min	49.842	2:30:00	

No. of excursion above 50.03 Hz	102
No. of excursion below 49.97 Hz	166
No. of excursion above 50.00 Hz	158
No. of excursion below 50.00 Hz	158

Average time freq remains below 49.97 per excursion	0:04:36	Average time frequency remains above 50.03 per excursion	0:01:51
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