

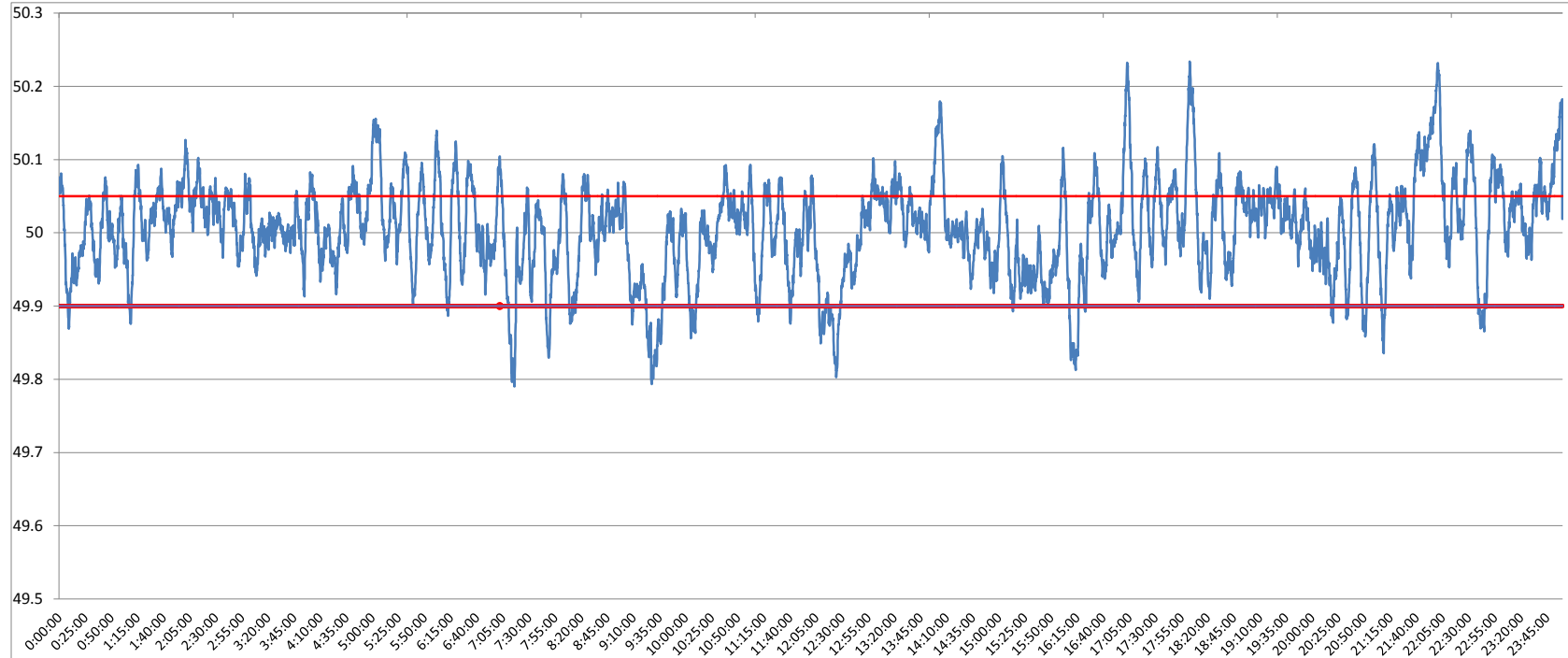


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

13-Jan-17



<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	6.40	26.66	0.07	6.33	37.11	50.86	5.16	69.90	99.53	37.51	18.11	56.45	35.83	23.70	0.47

Average Frequency	50.01	Frequency Variation Index :	0.043	Standard Deviation :	0.066
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Instantaneous Frequency	
Max	50.23 18:02:50
Min	49.79 7:16:00

15 minute average Frequency	
Max	50.136 22:00:00
Min	49.874 12:30:00

No. of excursion above 50.03 Hz	147
No. of excursion below 49.97 Hz	126
No. of excursion above 50.00 Hz	174
No. of excursion below 50.00 Hz	170

Average time freq remains below 49.97 per excursion	0:03:03	Average time frequency remains above 50.03 per excursion	0:03:31
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