

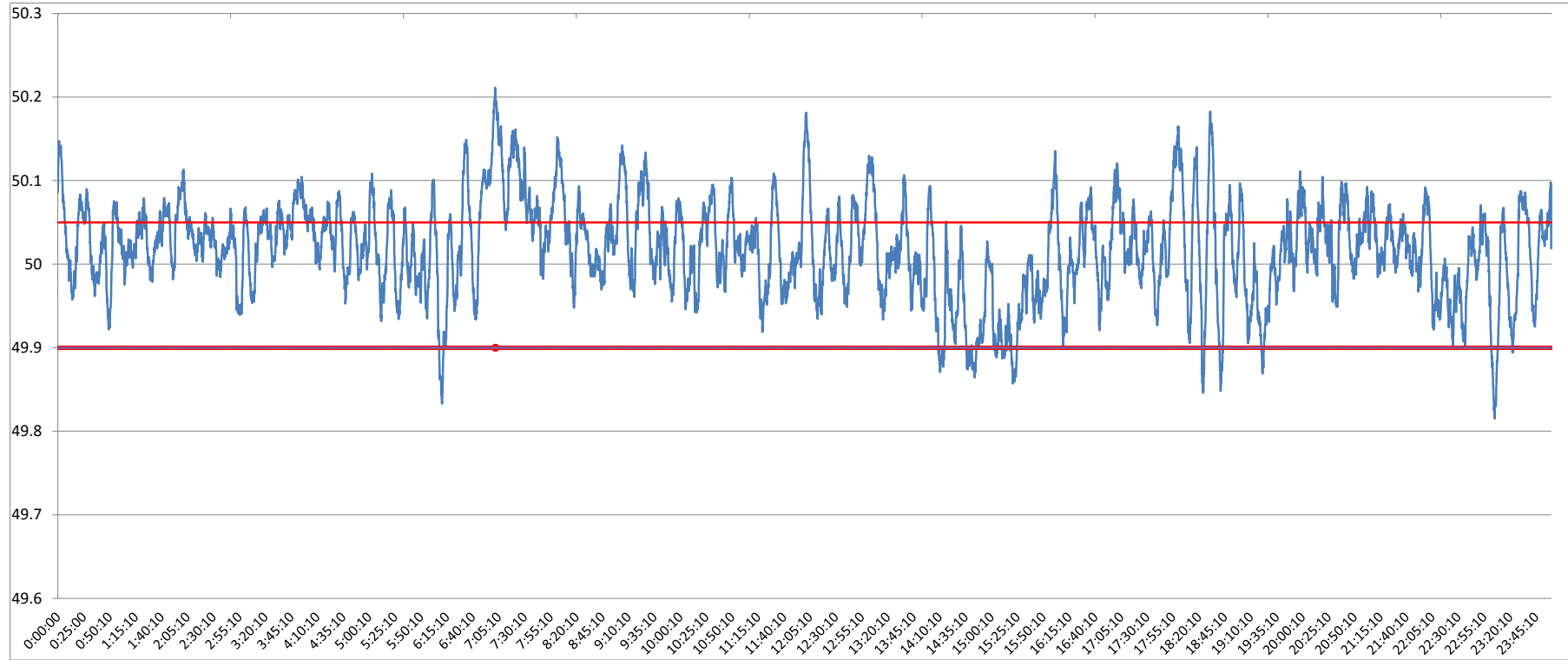


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

18-Apr-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	3.11	19.49	0.00	3.11	32.40	57.94	6.52	68.08	99.97	37.48	22.37	64.39	43.03	28.81	0.03

Average Frequency	50.02	Frequency Variation Index :	0.037	Standard Deviation :	0.058
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Instantaneous Frequency	
Max	50.21 7:01:50
Min	49.82 23:05:30

15 minute average Frequency	
Max	50.128 7:15:00
Min	49.908 15:30:00

No. of excursion above 50.03 Hz	171
No. of excursion below 49.97 Hz	94
No. of excursion above 50.00 Hz	158
No. of excursion below 50.00 Hz	159

Average time freq remains below 49.97 per excursion	0:02:59	Average time frequency remains above 50.03 per excursion	0:03:37
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