

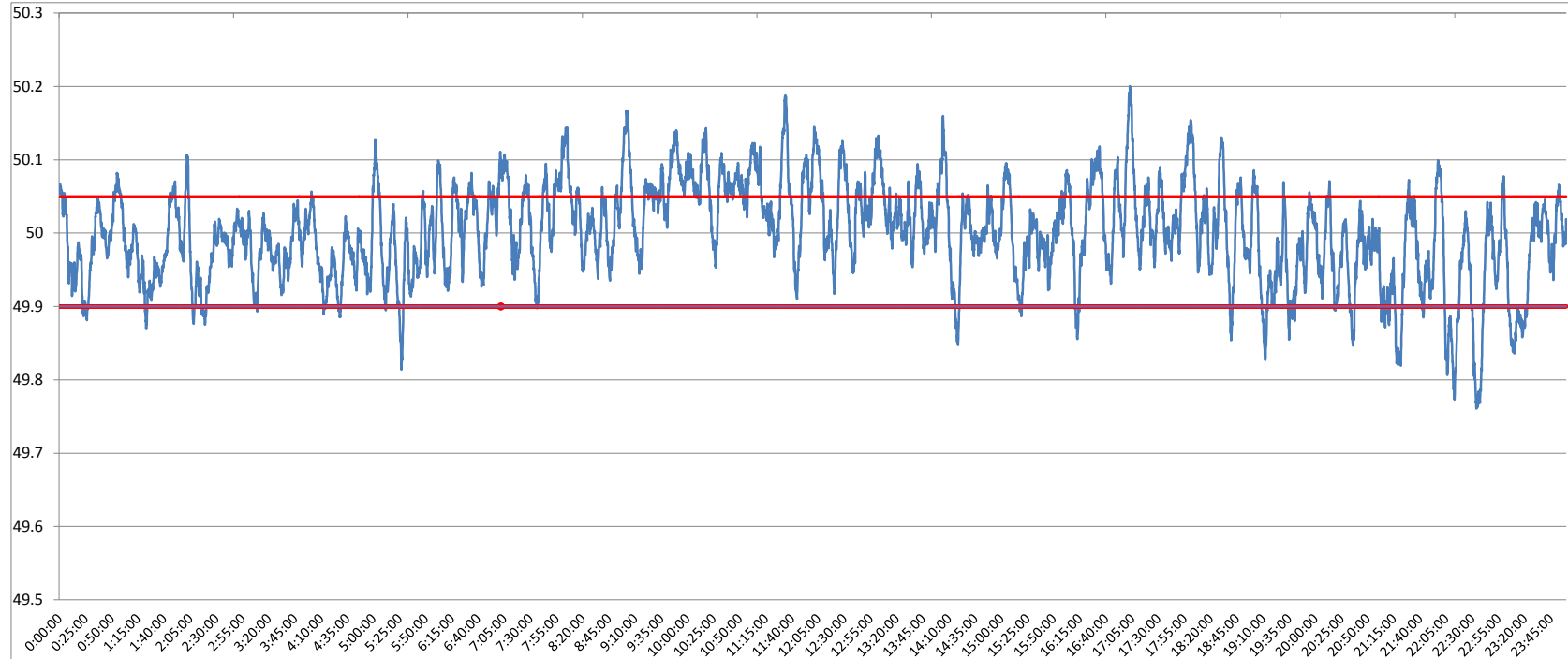


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

12-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	7.31	31.32	0.51	6.81	41.69	45.28	5.71	69.42	99.99	35.66	17.60	50.91	33.02	23.26	0.01

Average Frequency	50.00	Frequency Variation Index :	0.044	Standard Deviation :	0.066
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Instantaneous Frequency		
Max	50.2	17:03:00
Min	49.76	22:34:00

15 minute average Frequency		
Max	50.094	10:00:00
Min	49.857	22:45:00

No. of excursion above 50.03 Hz	129
No. of excursion below 49.97 Hz	130
No. of excursion above 50.00 Hz	161
No. of excursion below 50.00 Hz	159

Average time freq remains below 49.97 per excursion	0:03:28	Average time frequency remains above 50.03 per excursion	0:03:41
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