

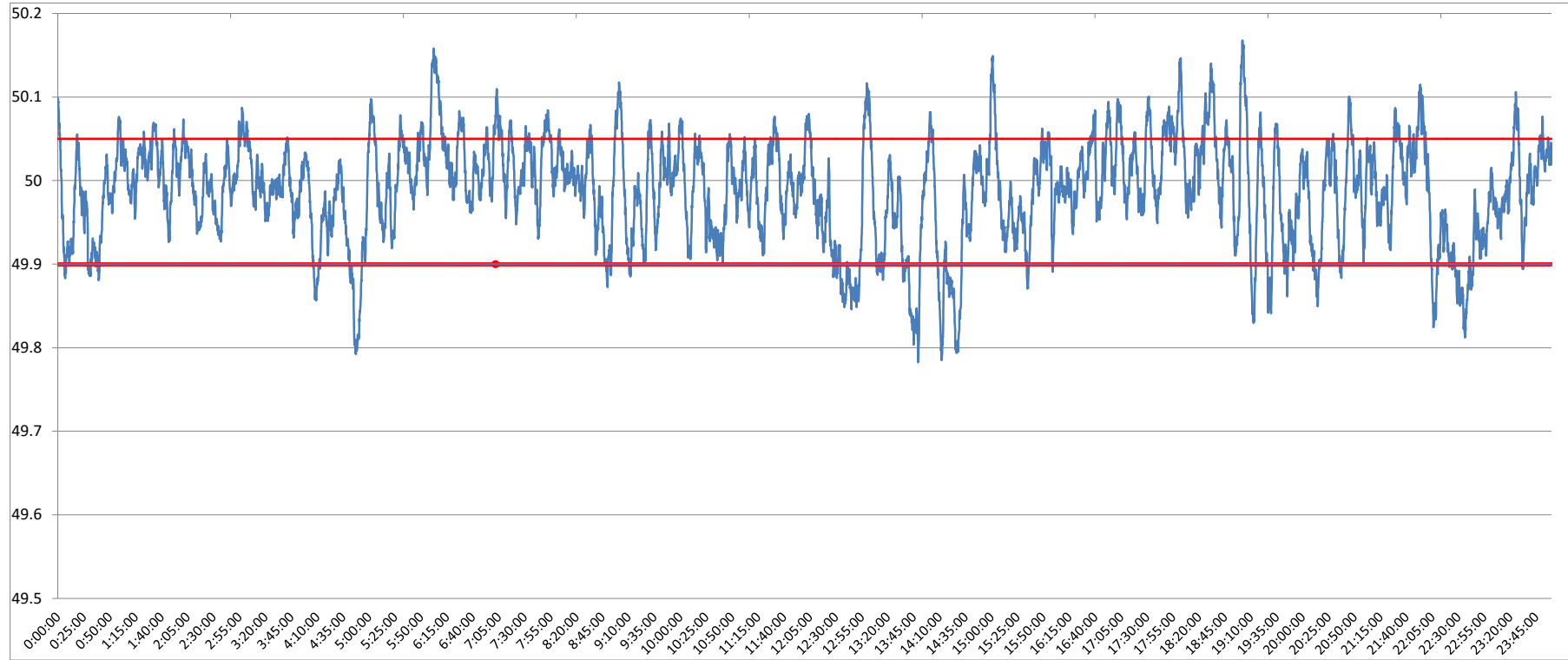


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

13-May-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	9.56	34.34	0.25	9.31	45.30	43.00	2.14	76.44	100.00	39.75	11.94	45.06	25.91	14.00	0.00

Average Frequency	49.99	Frequency Variation Index :	0.040	Standard Deviation :	0.062
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Instantaneous Frequency	
Max	50.17 19:02:00
Min	49.78 13:49:30

15 minute average Frequency	
Max	50.095 6:15:00
Min	49.857 14:30:00

No. of excursion above 50.03 Hz	147
No. of excursion below 49.97 Hz	116
No. of excursion above 50.00 Hz	171
No. of excursion below 50.00 Hz	168

Average time freq remains below 49.97 per excursion	0:04:16	Average time frequency remains above 50.03 per excursion	0:02:32
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