

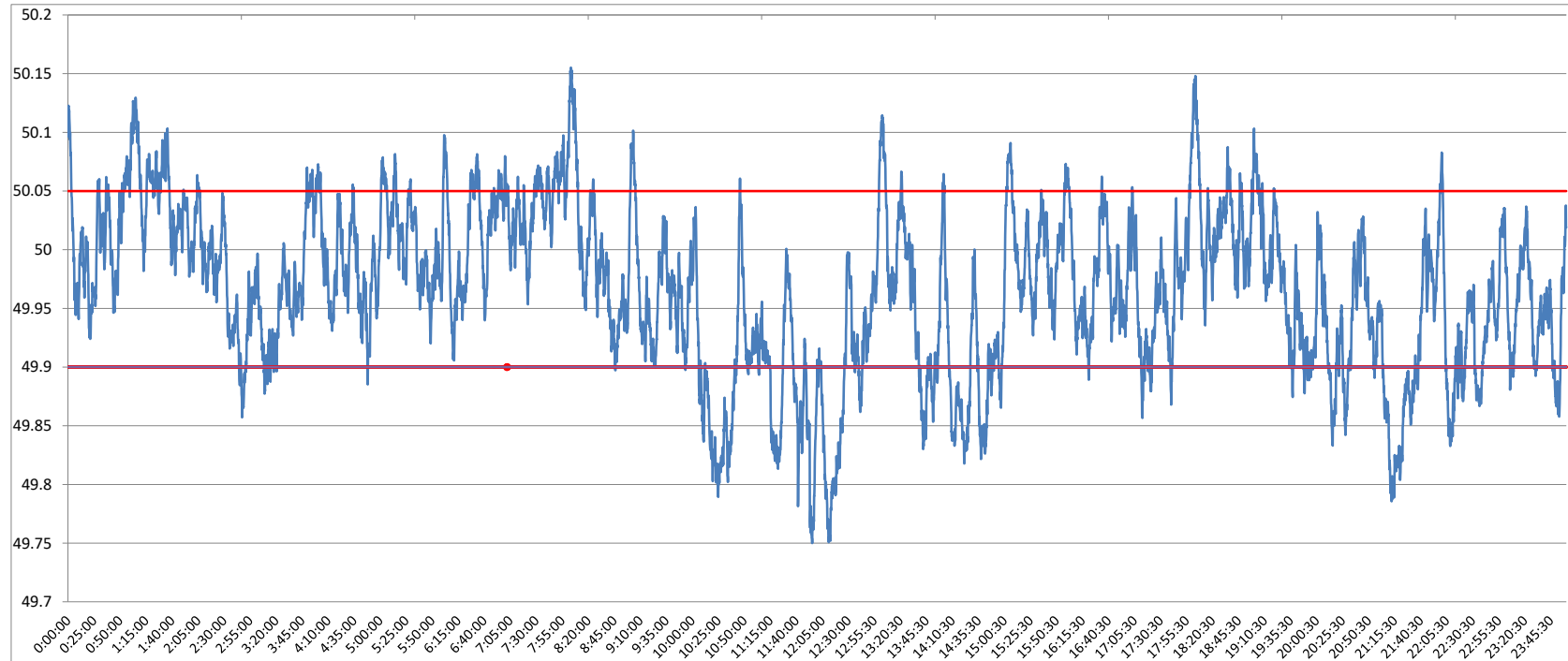


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

01-Jun-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	17.40	50.32	1.18	16.22	50.03	31.13	1.44	71.31	100.00	30.56	9.88	32.52	19.12	11.30	0.00

Average Frequency	49.97	Frequency Variation Index :	0.061	Standard Deviation :	0.070
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Instantaneous Frequency	
Max	50.16 8:03:20
Min	49.75 11:55:10

15 minute average Frequency		
Max	50.077	8:15:00
Min	49.824	10:30:00

No. of excursion above 50.03 Hz	107
No. of excursion below 49.97 Hz	141
No. of excursion above 50.00 Hz	127
No. of excursion below 50.00 Hz	125

Average time freq remains below 49.97 per excursion	0:05:08	Average time frequency remains above 50.03 per excursion	0:02:34
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