

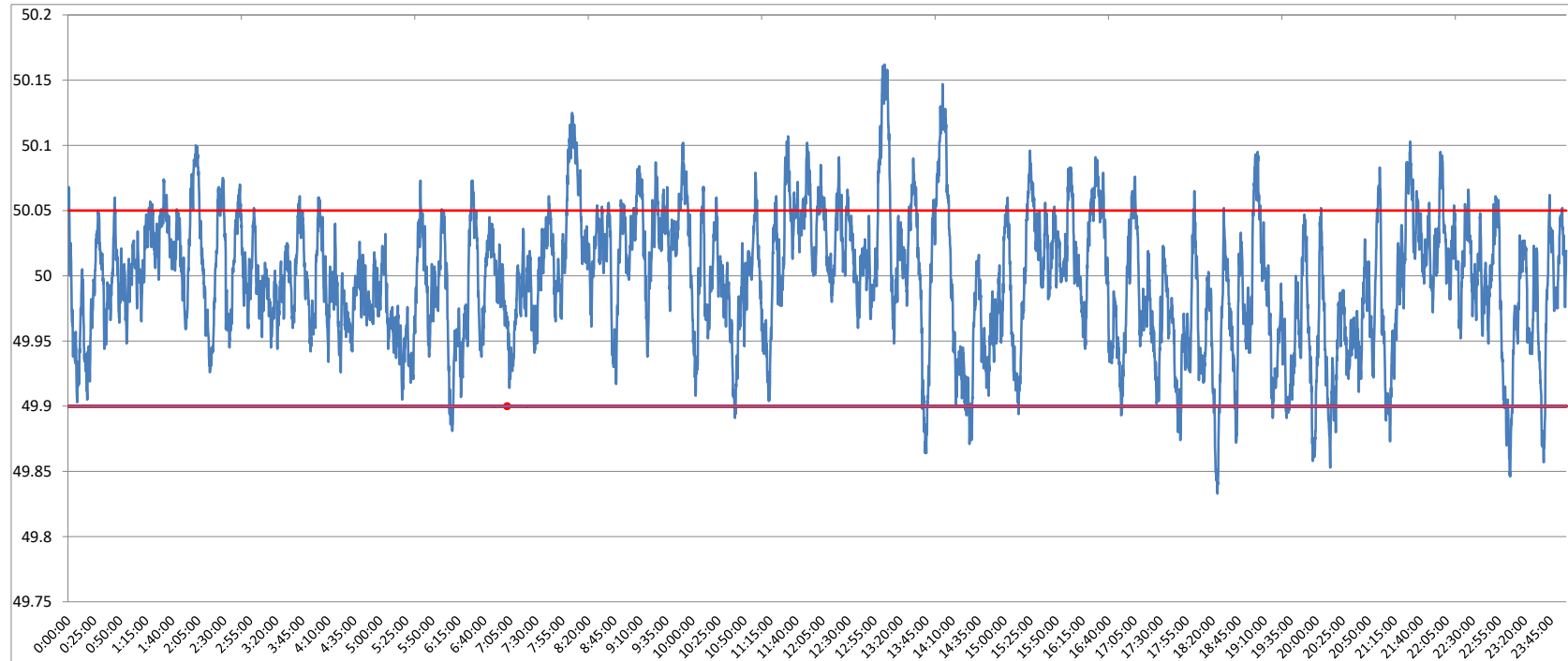


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

01-Jul-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	3.19	29.49	0.00	3.19	46.74	48.51	1.56	83.97	100.00	44.93	11.92	48.37	25.58	12.84	0.00

Average Frequency	50.00	Frequency Variation Index :	0.025	Standard Deviation :	0.050
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Instantaneous Frequency	
Max	50.16 13:04:50
Min	49.83 18:24:40

15 minute average Frequency		
Max	50.084	8:15:00
Min	49.914	14:30:00

No. of excursion above 50.03 Hz	143
No. of excursion below 49.97 Hz	149
No. of excursion above 50.00 Hz	130
No. of excursion below 50.00 Hz	137

Average time freq remains below 49.97 per excursion	0:02:51	Average time frequency remains above 50.03 per excursion	0:02:35
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