

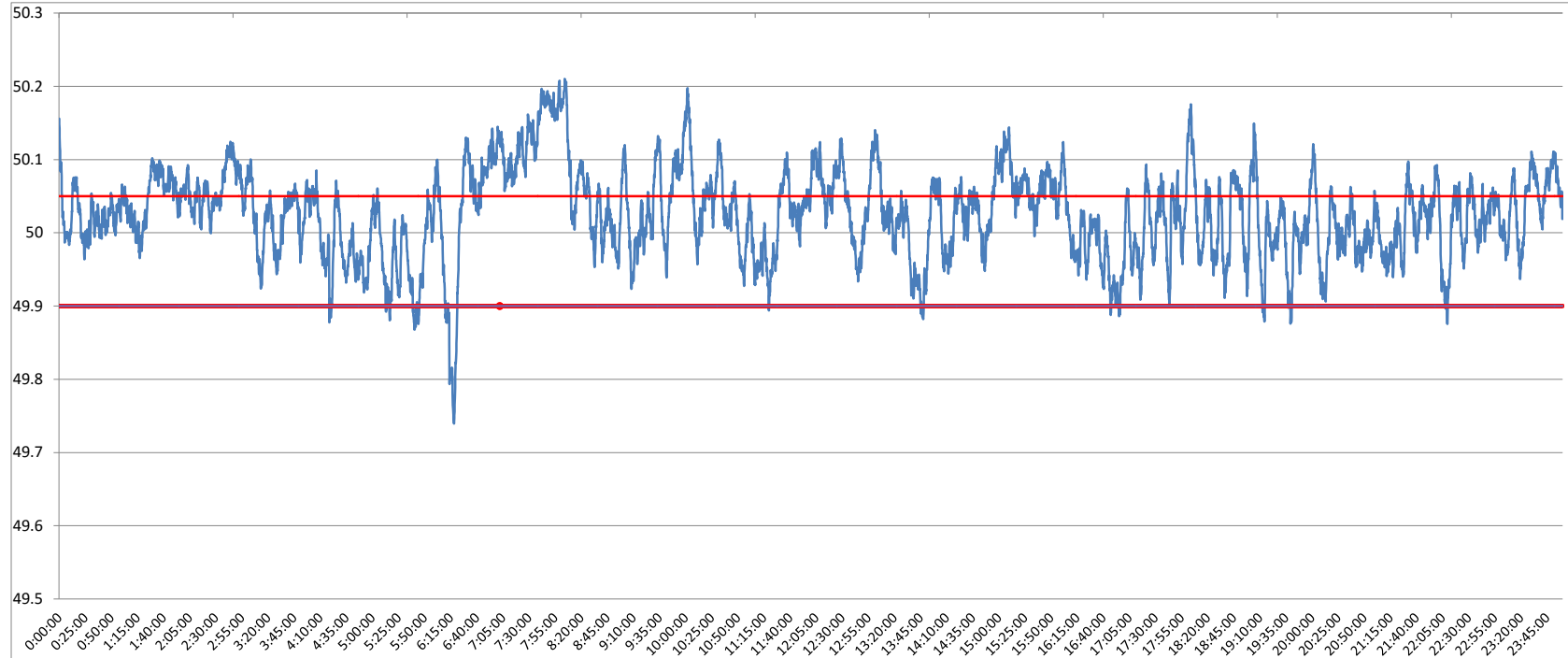


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

18-Jul-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	2.19	18.31	0.21	1.98	30.49	57.77	9.39	63.16	99.83	33.32	25.21	67.27	48.37	34.65	0.17

Average Frequency	50.03	Frequency Variation Index :	0.044	Standard Deviation :	0.061
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Instantaneous Frequency		
Max	50.21	8:04:10
Min	49.74	6:18:10

15 minute average Frequency		
Max	50.176	8:00:00
Min	49.922	17:00:00

No. of excursion above 50.03 Hz	170
No. of excursion below 49.97 Hz	113
No. of excursion above 50.00 Hz	131
No. of excursion below 50.00 Hz	131

Average time freq remains below 49.97 per excursion	0:02:20	Average time frequency remains above 50.03 per excursion	0:04:06
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