

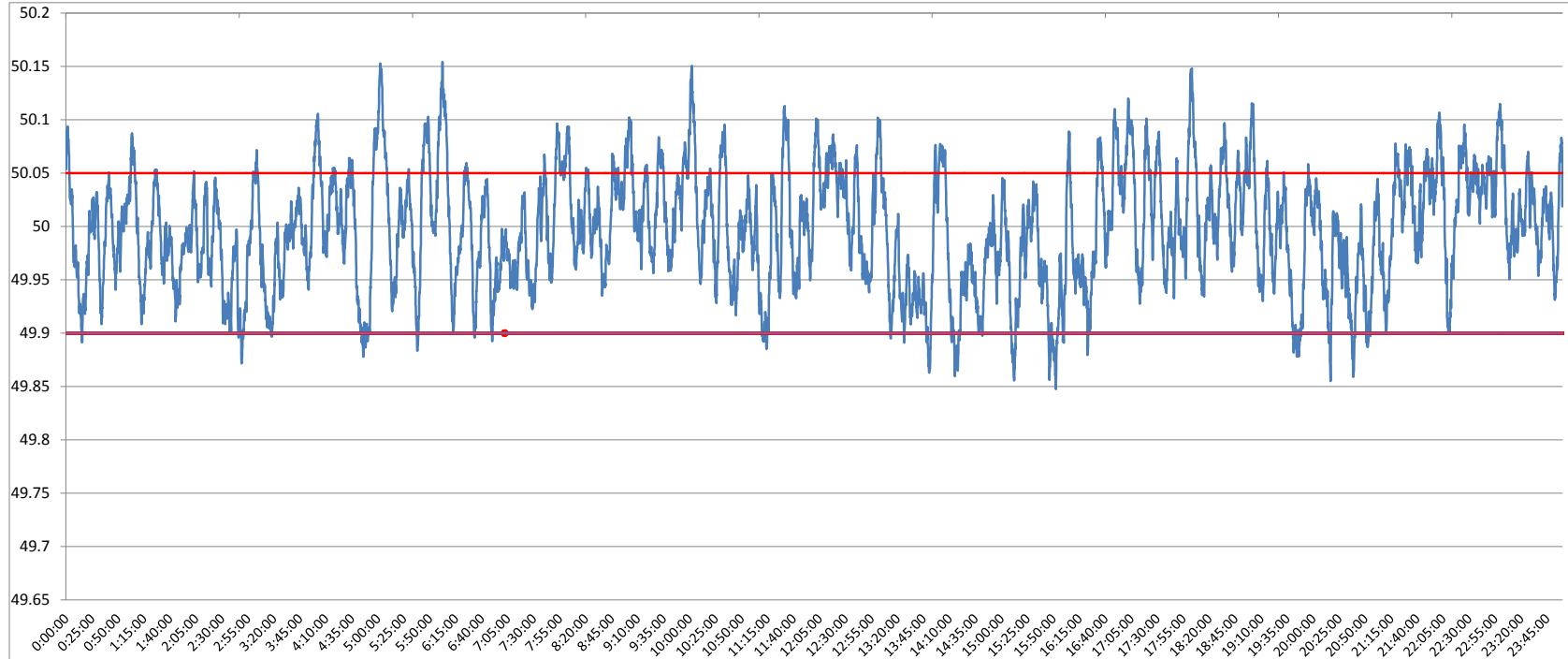


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

21-Jun-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	3.66	32.30	0.00	3.66	48.56	45.84	1.93	78.72	100.00	38.69	15.75	47.72	29.00	17.63	0.00

Average Frequency	50.00	Frequency Variation Index :	0.030	Standard Deviation :	0.054
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Instantaneous Frequency		
Max	50.15	6:02:10
Min	49.85	15:52:20

15 minute average Frequency		
Max	50.055	12:15:00
Min	49.901	16:00:00

No. of excursion above 50.03 Hz	135
No. of excursion below 49.97 Hz	138
No. of excursion above 50.00 Hz	160
No. of excursion below 50.00 Hz	158

Average time freq remains below 49.97 per excursion	0:03:22	Average time frequency remains above 50.03 per excursion	0:03:06
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