

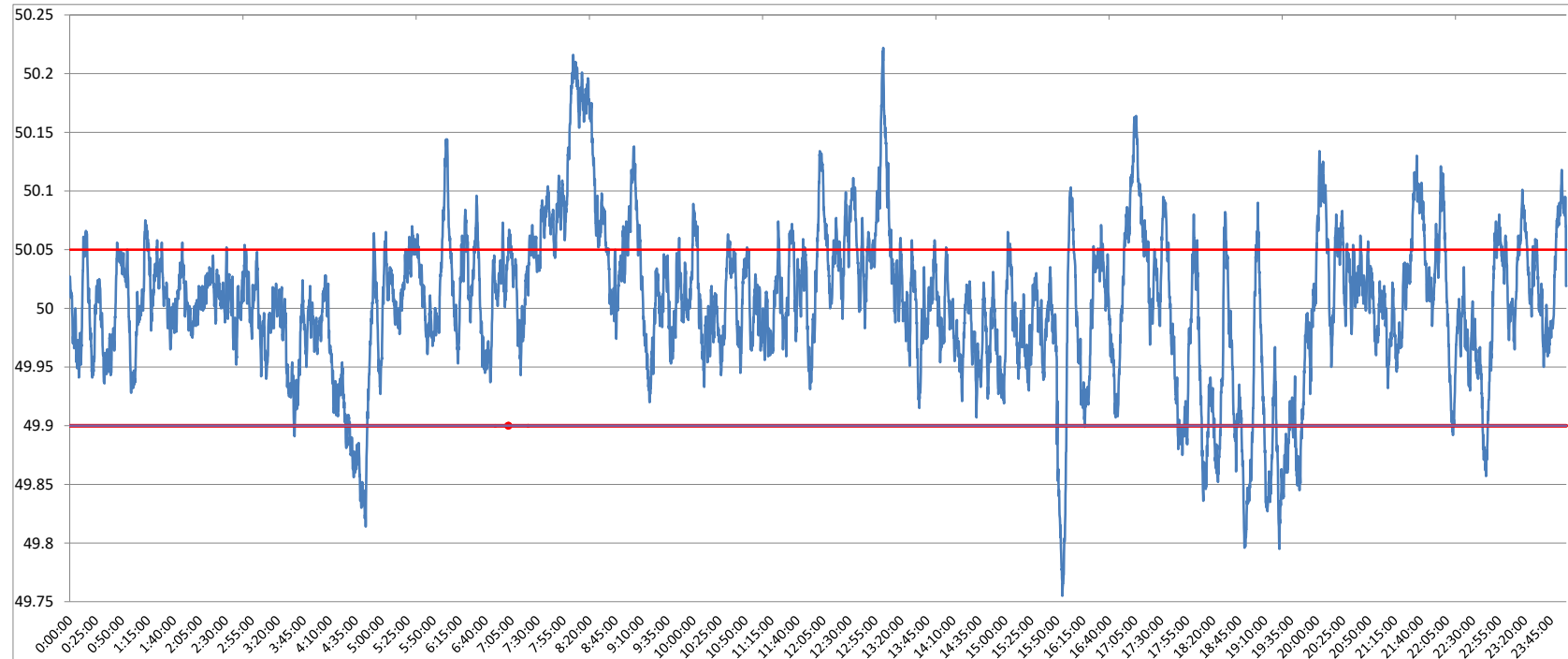


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

24-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	6.66	24.56	0.28	6.38	37.67	50.53	4.78	73.24	99.64	43.31	15.58	54.09	32.13	20.10	0.36

Average Frequency	50.00	Frequency Variation Index :	0.041	Standard Deviation :	0.064
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Instantaneous Frequency	
Max	50.22 13:02:40
Min	49.76 15:55:00

15 minute average Frequency		
Max	50.183	8:15:00
Min	49.858	4:45:00

No. of excursion above 50.03 Hz	123
No. of excursion below 49.97 Hz	106
No. of excursion above 50.00 Hz	120
No. of excursion below 50.00 Hz	139

Average time freq remains below 49.97 per excursion	0:03:20	Average time frequency remains above 50.03 per excursion	0:03:46
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