

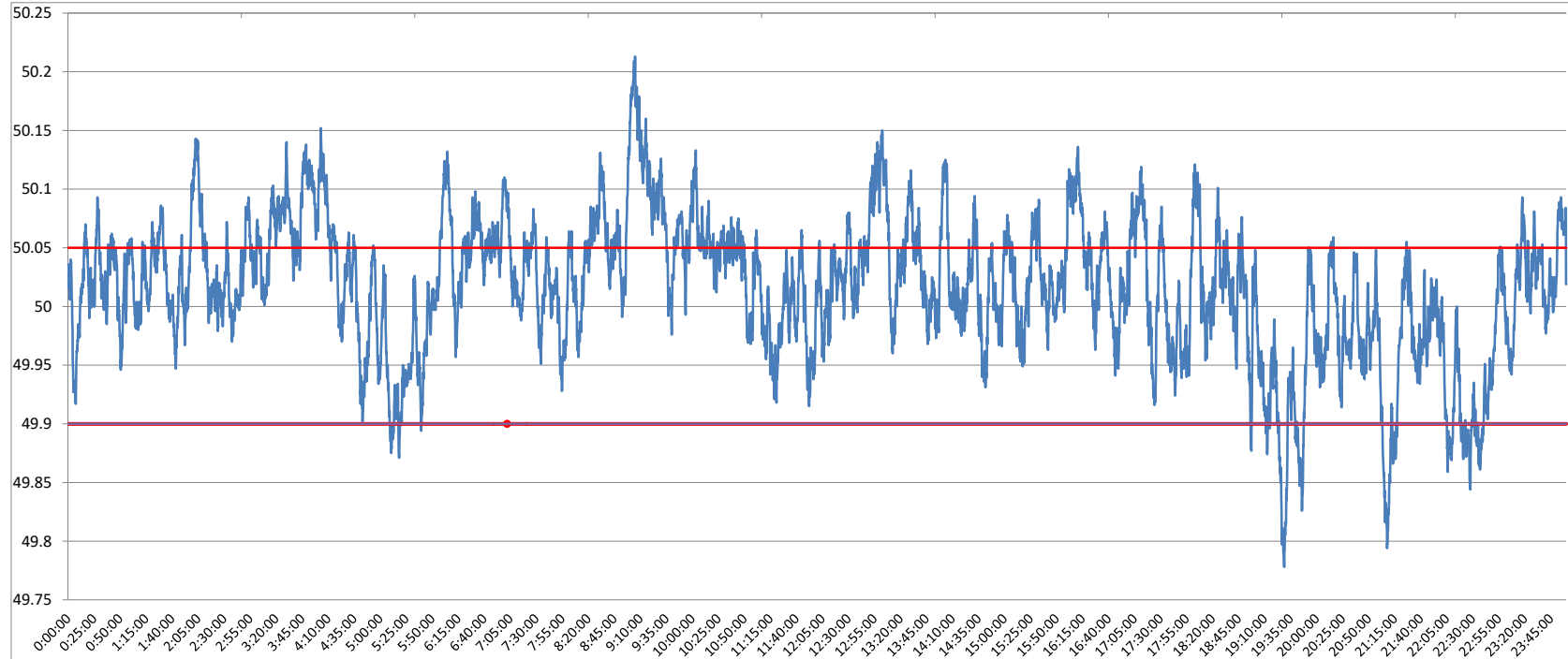


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

02-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	4.42	19.73	0.16	4.26	29.77	58.99	6.74	67.97	99.92	37.77	21.76	64.29	42.50	27.60	0.08

Average Frequency	50.02	Frequency Variation Index :	0.038	Standard Deviation :	0.059
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Instantaneous Frequency	
Max	50.21 9:05:00
Min	49.78 19:28:50

15 minute average Frequency		
Max	50.159	9:15:00
Min	49.872	21:15:00

No. of excursion above 50.03 Hz	139
No. of excursion below 49.97 Hz	80
No. of excursion above 50.00 Hz	126
No. of excursion below 50.00 Hz	116

Average time freq remains below 49.97 per excursion	0:03:33	Average time frequency remains above 50.03 per excursion	0:04:24
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