

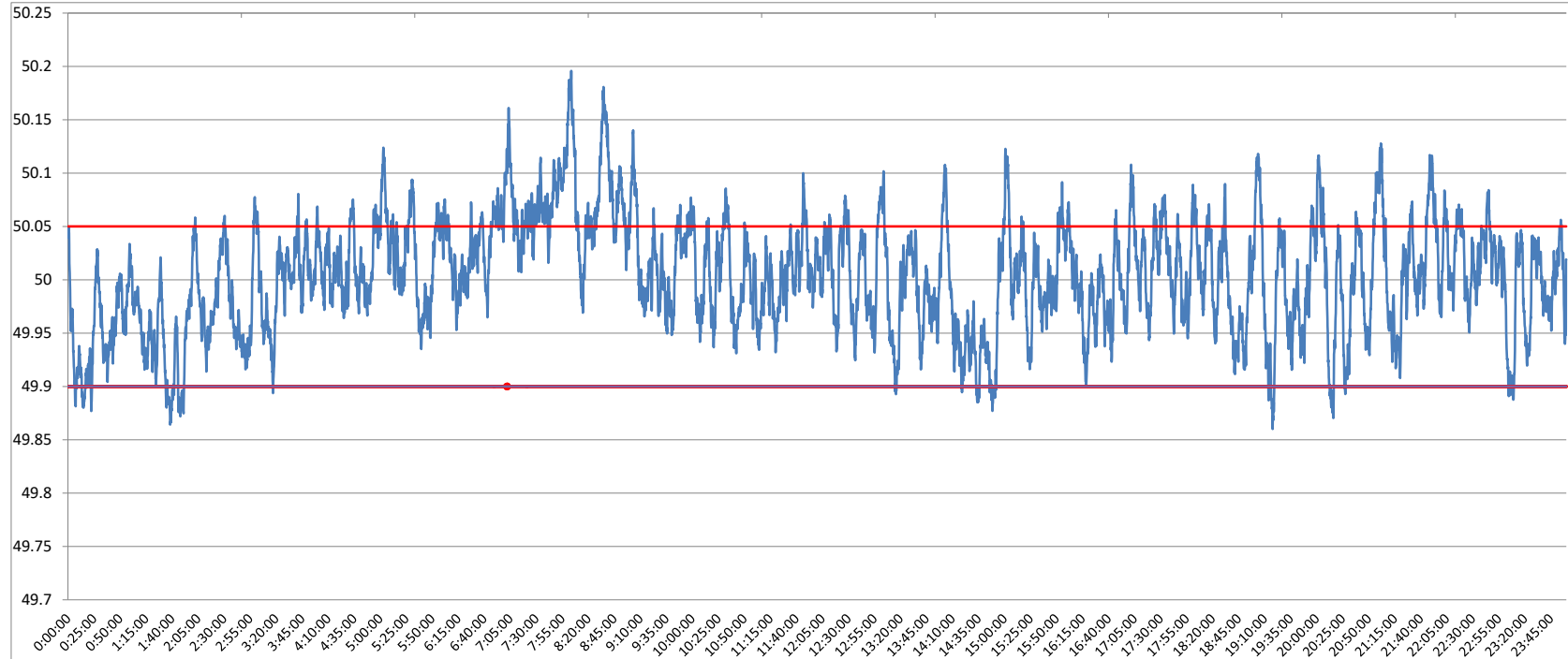


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

30-May-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	2.72	26.41	0.00	2.72	44.39	49.51	3.38	78.21	100.00	41.45	15.80	52.78	32.14	19.07	0.00

Average Frequency	50.00	Frequency Variation Index :	0.028	Standard Deviation :	0.053
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Instantaneous Frequency		
Max	50.2	8:03:40
Min	49.86	19:17:40

15 minute average Frequency		
Max	50.117	8:45:00
Min	49.914	1:45:00

No. of excursion above 50.03 Hz	167
No. of excursion below 49.97 Hz	153
No. of excursion above 50.00 Hz	169
No. of excursion below 50.00 Hz	169

Average time freq remains below 49.97 per excursion	0:02:29	Average time frequency remains above 50.03 per excursion	0:02:46
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