

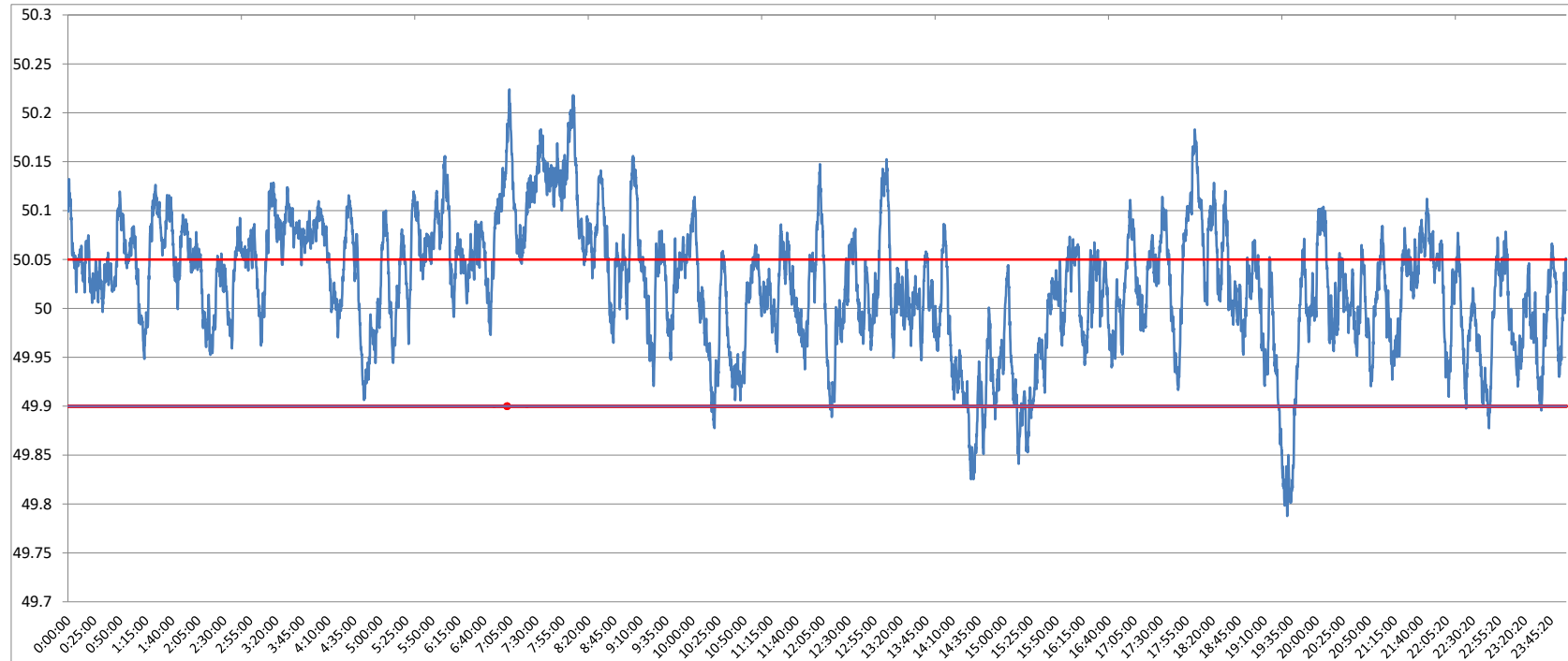


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

27-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	3.19	19.29	0.05	3.15	30.15	56.01	10.39	60.51	99.75	30.68	25.75	66.62	50.02	36.30	0.25

Average Frequency	50.02	Frequency Variation Index :	0.048	Standard Deviation :	0.065
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<b>Instantaneous Frequency</b>	
Max	50.22 7:04:10
Min	49.79 19:31:40

<b>15 minute average Frequency</b>		
Max	50.147	7:45:00
Min	49.878	19:45:00

No. of excursion above 50.03 Hz	133
No. of excursion below 49.97 Hz	86
No. of excursion above 50.00 Hz	138
No. of excursion below 50.00 Hz	138

Average time freq remains below 49.97 per excursion	0:03:14	Average time frequency remains above 50.03 per excursion	0:05:25
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