

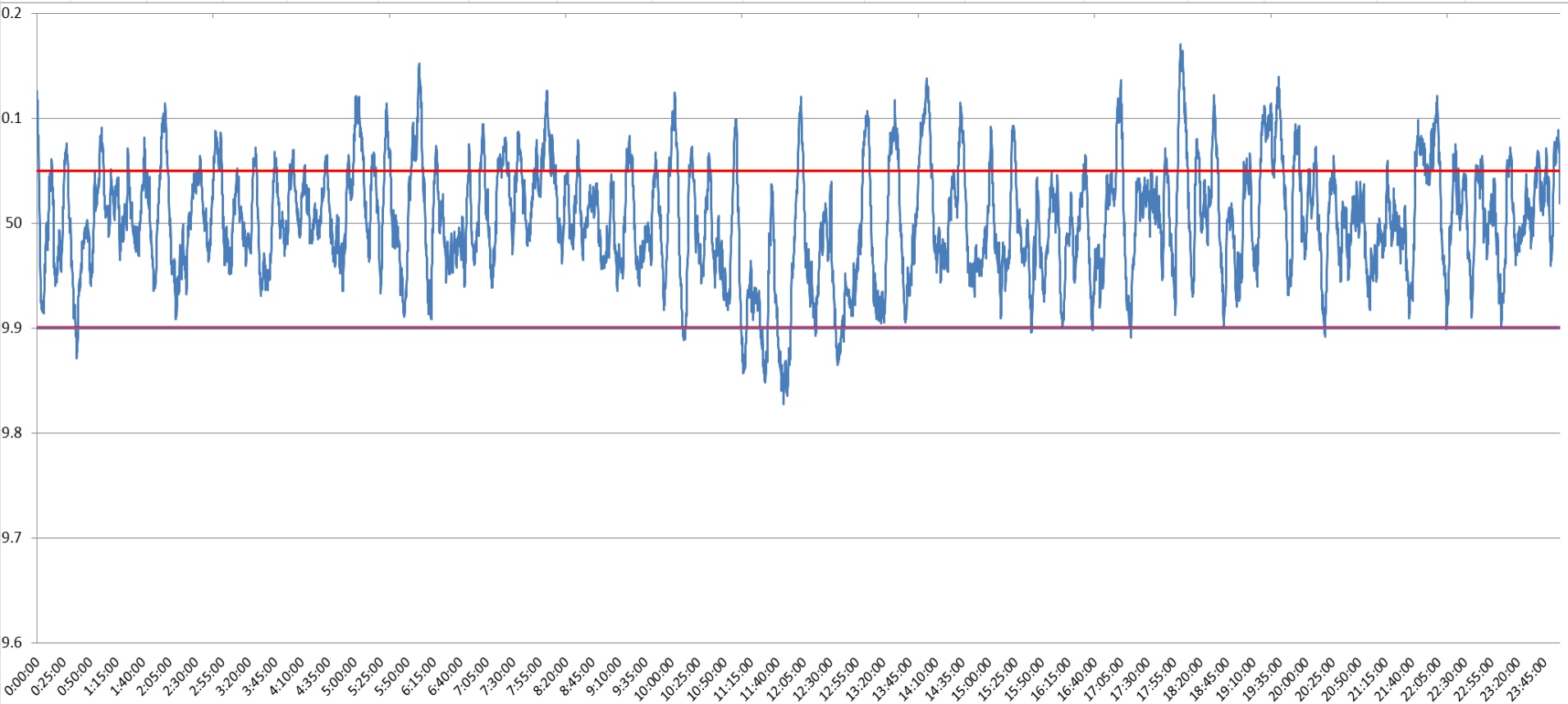


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

14-Sep-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	2.71	28.00	0.00	2.71	47.13	46.81	3.36	77.69	100.00	40.51	16.31	50.03	31.49	19.61	0.00

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.029</b>	<b>Standard Deviation :</b>	<b>0.054</b>
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Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz	
Max	50.17	18:01:10	Max	50.079	19:30:00	No. of excursion above 50.03 Hz	153
Min	49.83	11:46:00	Min	49.905	11:30:00	No. of excursion below 49.97 Hz	149
					No. of excursion above 50.00 Hz	157	
					No. of excursion below 50.00 Hz	154	

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:02:42</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:58</b>
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