

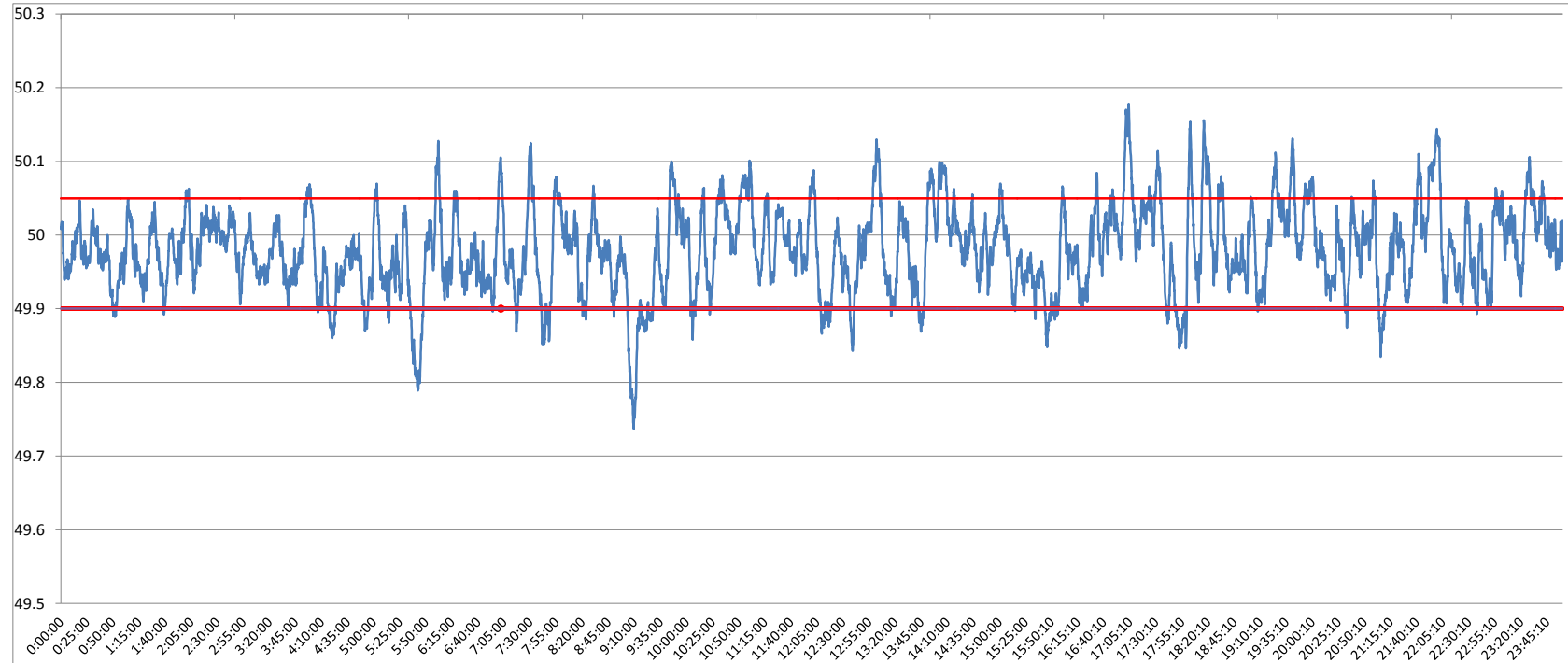


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

JABALPUR:Frequency

National Grid Frequency Profile for

15-Mar-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	7.73	44.20	0.47	7.26	56.31	33.87	2.09	80.60	100.00	37.05	10.02	34.77	18.75	11.67	0.00

<b>Average Frequency</b>	<b>49.98</b>	<b>Frequency Variation Index :</b>	<b>0.039</b>	<b>Standard Deviation :</b>	<b>0.059</b>
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	
Max	50.18 17:04:00	Max	50.067 17:15:00	No. of excursion below 49.97 Hz	148
Min	49.74 9:09:10	Min	49.844 9:15:00	No. of excursion above 50.00 Hz	128
				No. of excursion below 50.00 Hz	124

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:04:18</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:54</b>
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