

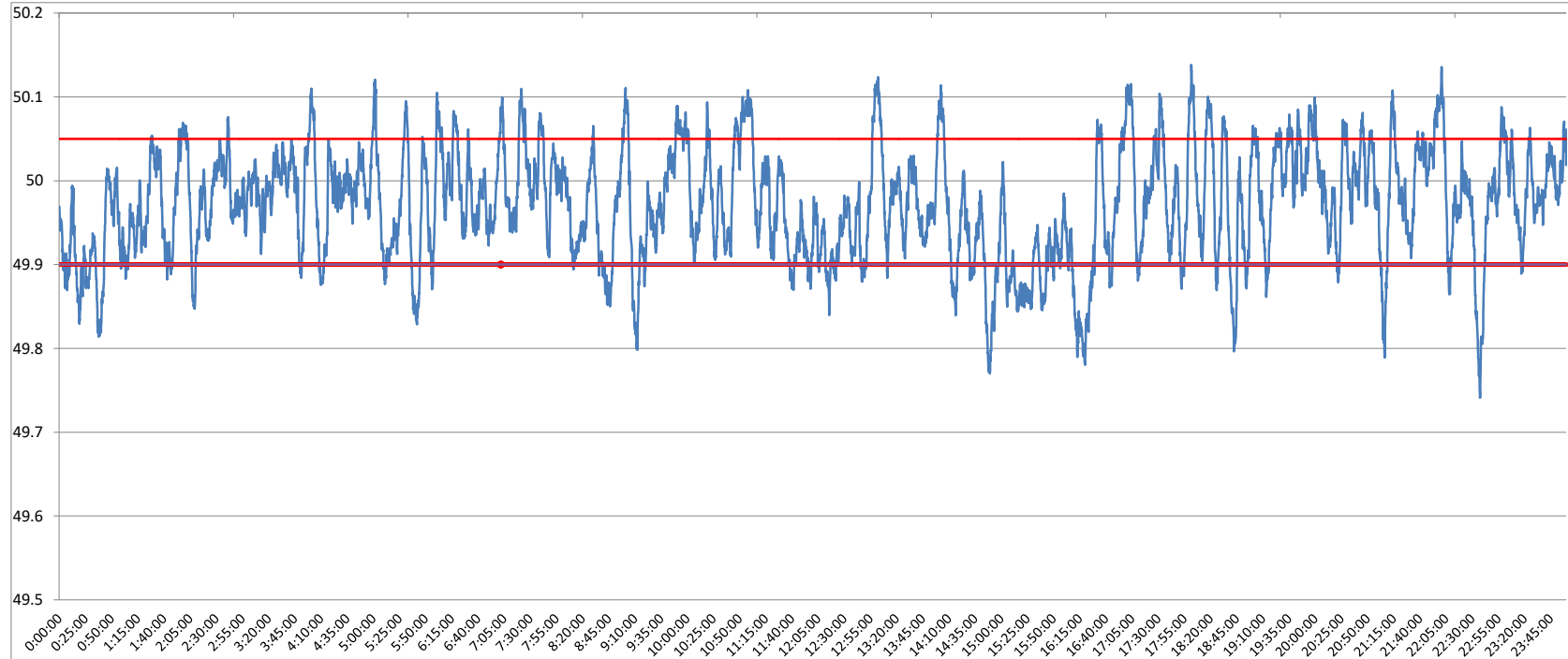


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SLPR4:Frequency

National Grid Frequency Profile for

16-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	14.70	47.97	0.69	14.00	51.15	32.82	1.33	72.58	100.00	32.34	11.42	34.12	19.69	12.72	0.00

<b>Average Frequency</b>	<b>49.97</b>	<b>Frequency Variation Index :</b>	<b>0.053</b>	<b>Standard Deviation :</b>	<b>0.066</b>
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<b>Instantaneous Frequency</b>	
<b>Max</b>	<b>50.14 18:01:40</b>
<b>Min</b>	<b>49.74 22:37:30</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.071</b>	<b>11:00:00</b>
<b>Min</b>	<b>49.845</b>	<b>16:30:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>96</b>
<b>No. of excursion below 49.97 Hz</b>	<b>139</b>
<b>No. of excursion above 50.00 Hz</b>	<b>145</b>
<b>No. of excursion below 50.00 Hz</b>	<b>146</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:04:58</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:57</b>
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