

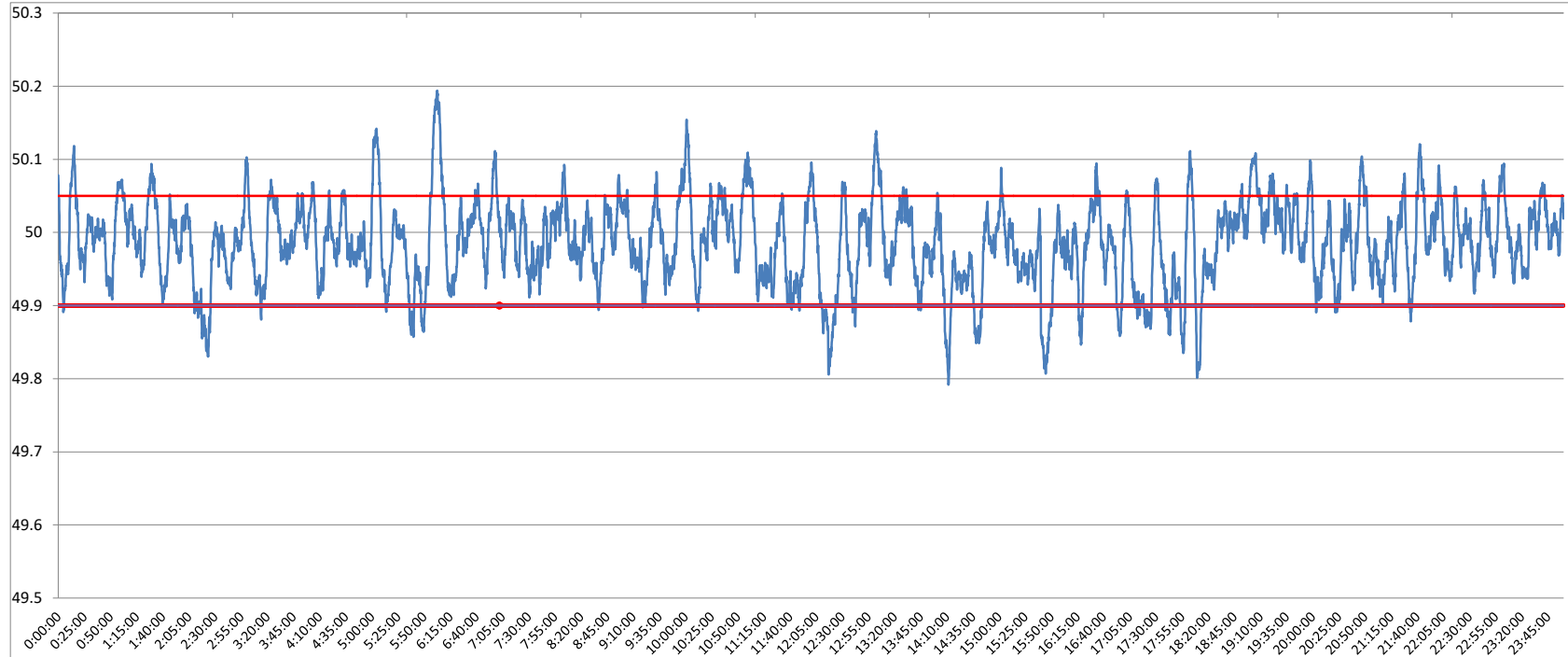


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SLPR7:Frequency

National Grid Frequency Profile for

19-Oct-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	7.11	38.41	0.02	7.08	51.91	39.02	1.97	80.53	100.00	40.43	10.43	40.93	21.16	12.36	0.00

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.036</b>	<b>Standard Deviation :</b>	<b>0.058</b>
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<b>Instantaneous Frequency</b>		
<b>Max</b>	<b>50.19</b>	<b>6:02:20</b>
<b>Min</b>	<b>49.79</b>	<b>14:11:30</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.066</b>	<b>6:15:00</b>
<b>Min</b>	<b>49.899</b>	<b>2:30:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>130</b>
<b>No. of excursion below 49.97 Hz</b>	<b>152</b>
<b>No. of excursion above 50.00 Hz</b>	<b>165</b>
<b>No. of excursion below 50.00 Hz</b>	<b>163</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:38</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:21</b>
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