

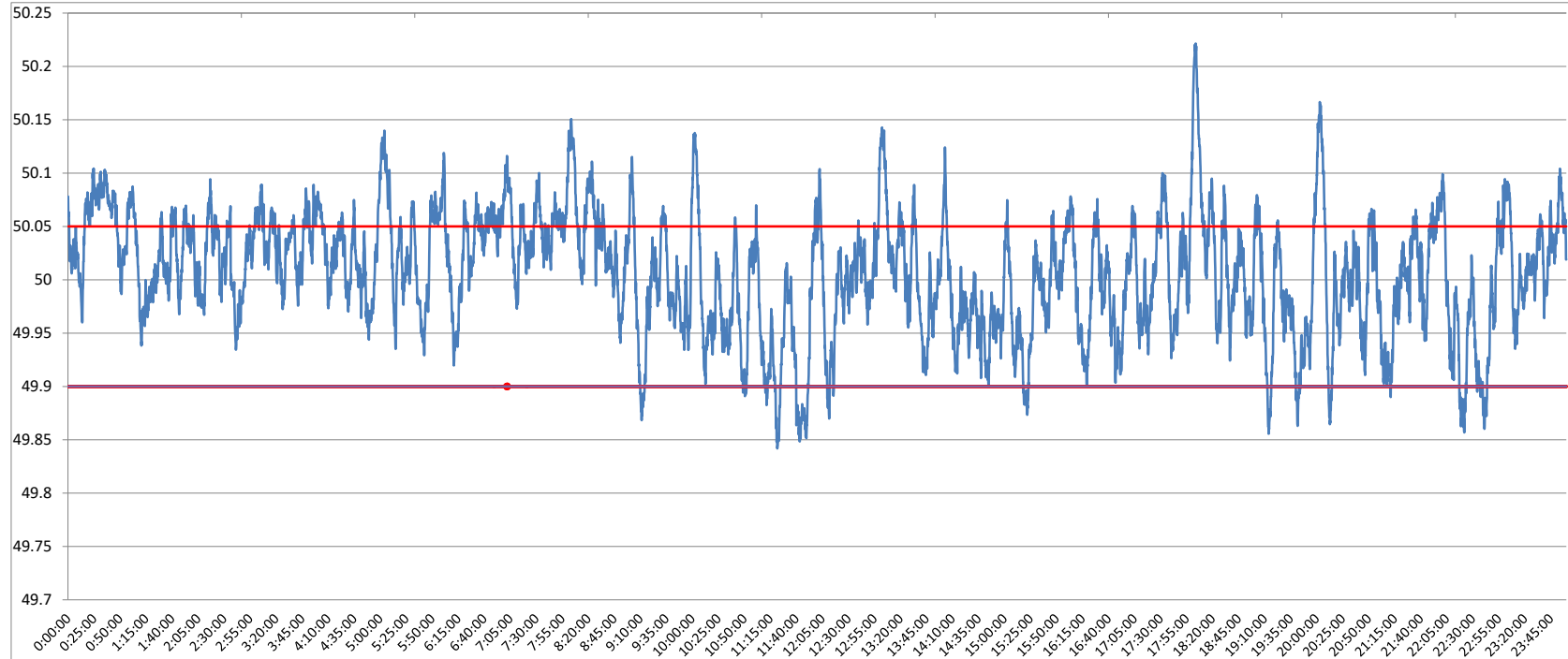


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SLPR4:Frequency

National Grid Frequency Profile for

16-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	3.94	25.45	0.00	3.94	39.54	53.38	2.97	72.59	99.83	38.45	20.45	56.46	36.10	23.47	0.17

<b>Average Frequency</b>	<b>50.01</b>	<b>Frequency Variation Index :</b>	<b>0.032</b>	<b>Standard Deviation :</b>	<b>0.056</b>
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<b>Instantaneous Frequency</b>	
<b>Max</b>	<b>50.22 18:03:40</b>
<b>Min</b>	<b>49.84 11:21:40</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.114</b>	<b>18:15:00</b>
<b>Min</b>	<b>49.911</b>	<b>22:45:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>159</b>
<b>No. of excursion below 49.97 Hz</b>	<b>121</b>
<b>No. of excursion above 50.00 Hz</b>	<b>149</b>
<b>No. of excursion below 50.00 Hz</b>	<b>150</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:02</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:16</b>
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