

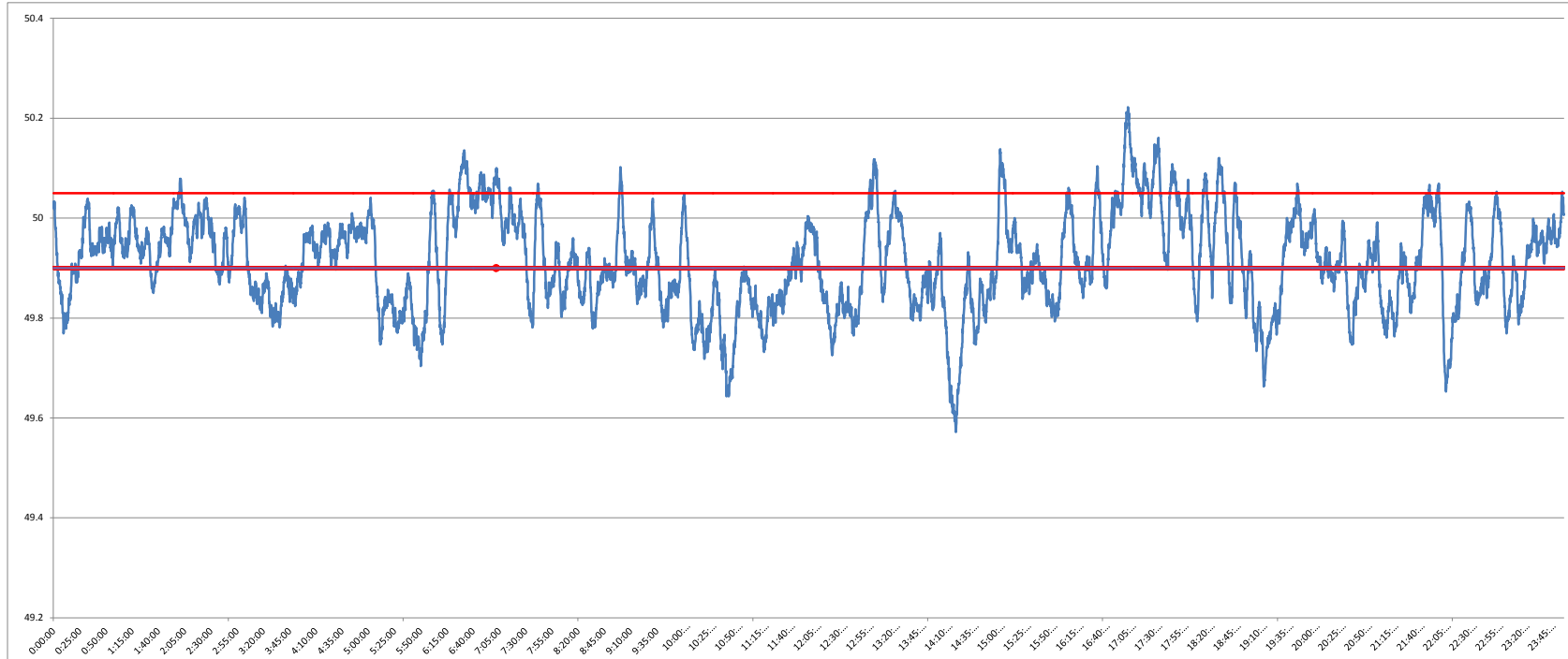


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SRIPERUMBUDUR:Frequency

National Grid Frequency Profile for

06-Apr-15



<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	1.54	46.49	69.93	9.34	35.61	33.38	17.99	1.99	46.11	98.31	18.34	5.53	19.27	11.72	7.40	0.15

<b>Average Frequency</b>	<b>49.91</b>	<b>Frequency Variation Index :</b>	<b>0.169</b>	<b>Standard Deviation :</b>	<b>0.096</b>
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<b>Instantaneous Frequency</b>		
<b>MAX</b>	<b>50.22</b>	<b>17:04:10</b>
<b>Min</b>	<b>49.57</b>	<b>14:20:00</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.131</b>	<b>17:15:00</b>
<b>Min</b>	<b>49.689</b>	<b>14:30:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>83</b>
<b>No. of excursion below 49.97 Hz</b>	<b>72</b>
<b>No. of excursion above 50.00 Hz</b>	<b>48</b>
<b>No. of excursion below 50.00 Hz</b>	<b>38</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:13:59</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:02</b>
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