

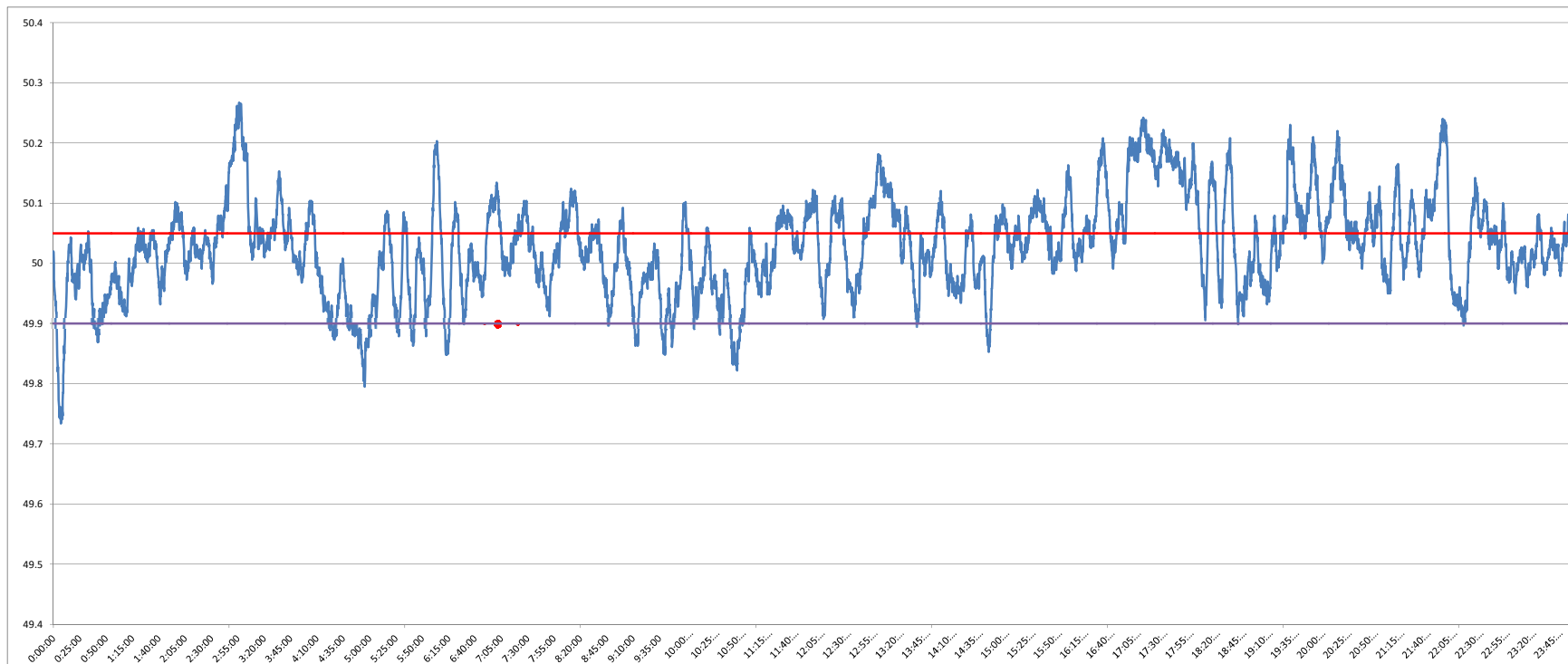


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

THRISSUR:Frequency

National Grid Frequency Profile for

30-Mar-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	0.00	5.29	21.74	0.32	4.97	29.11	48.65	14.93	55.88	97.97	29.68	22.64	63.85	48.59	38.83	2.03

<b>Average Frequency</b>	<b>50.03</b>	<b>Frequency Variation Index :</b>	<b>0.073</b>	<b>Standard Deviation :</b>	<b>0.080</b>
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<b>Instantaneous Frequency</b>	
<b>MAX</b>	<b>50.27 2:56:20</b>
<b>Min</b>	<b>49.73 0:07:00</b>

<b>15 minute average Frequency</b>	
<b>Max</b>	<b>50.199 3:00:00</b>
<b>Min</b>	<b>49.865 5:00:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>167</b>
<b>No. of excursion below 49.97 Hz</b>	<b>64</b>
<b>No. of excursion above 50.00 Hz</b>	<b>79</b>
<b>No. of excursion below 50.00 Hz</b>	<b>80</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:04:53</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:04:11</b>
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