

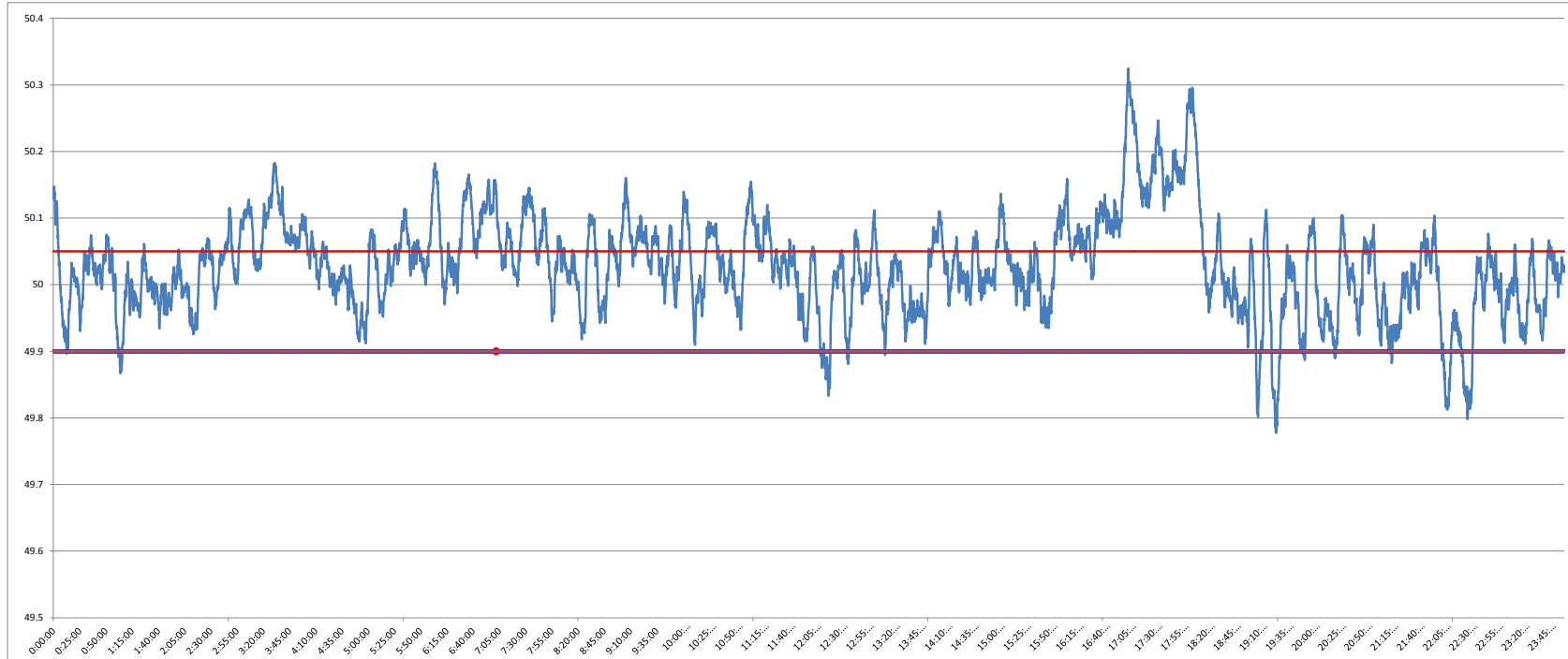


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

17-May-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	3.43	19.63	0.15	3.28	29.18	53.33	12.18	61.55	98.11	32.35	21.08	67.29	48.02	35.02	1.89

<b>Average Frequency</b>	<b>50.03</b>	<b>Frequency Variation Index :</b>	<b>0.061</b>	<b>Standard Deviation :</b>	<b>0.073</b>
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<b>Instantaneous Frequency</b>		
<b>MAX</b>	<b>50.32</b>	<b>17:04:20</b>
<b>Min</b>	<b>49.78</b>	<b>19:25:20</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.243</b>	<b>17:15:00</b>
<b>Min</b>	<b>49.887</b>	<b>22:30:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>141</b>
<b>No. of excursion below 49.97 Hz</b>	<b>98</b>
<b>No. of excursion above 50.00 Hz</b>	<b>131</b>
<b>No. of excursion below 50.00 Hz</b>	<b>127</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:02:53</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:04:54</b>
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