

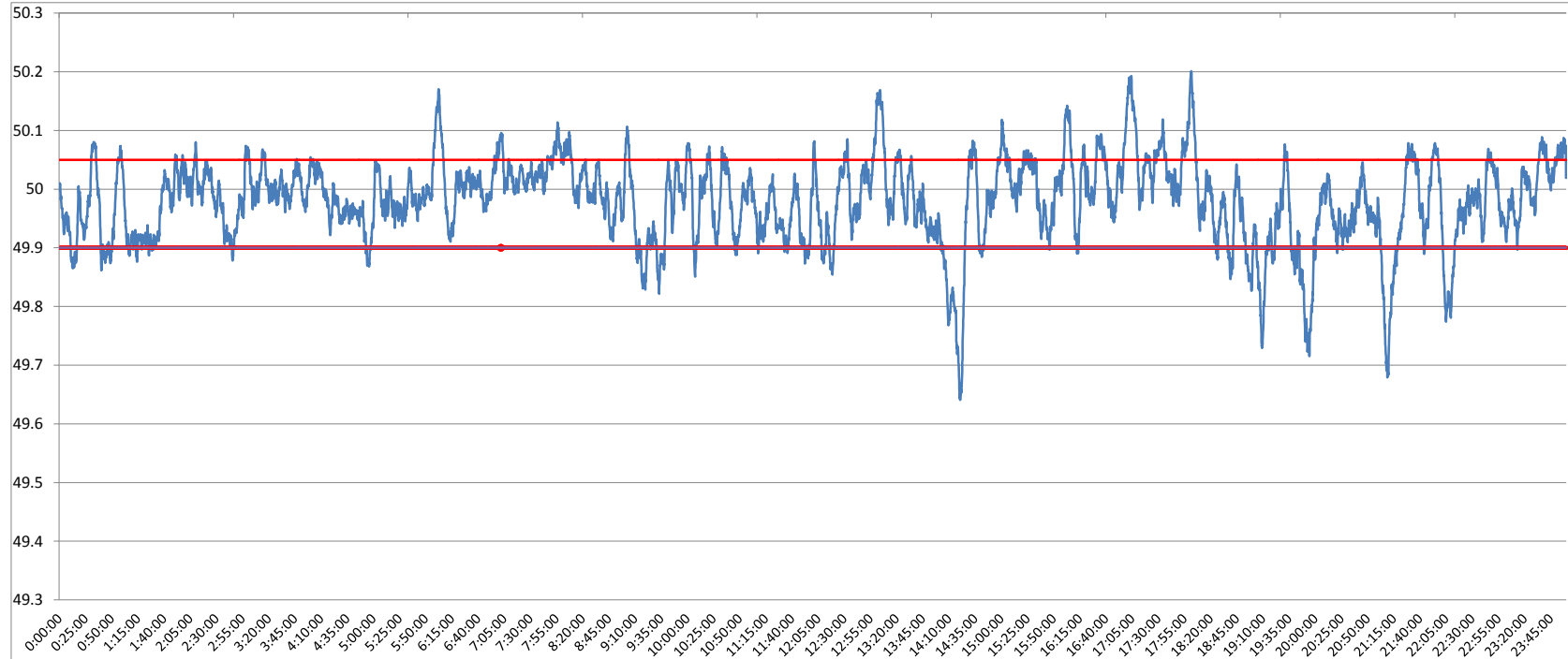


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

17-Aug-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	0.36	11.48	40.43	1.89	9.24	48.04	37.82	2.63	74.81	99.62	36.02	11.11	40.43	23.55	13.70	0.02

<b>Average Frequency</b>	<b>49.98</b>	<b>Frequency Variation Index :</b>	<b>0.056</b>	<b>Standard Deviation :</b>	<b>0.072</b>
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<b>Instantaneous Frequency</b>		
<b>Max</b>	<b>50.2</b>	<b>18:01:30</b>
<b>Min</b>	<b>49.64</b>	<b>14:20:40</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.096</b>	<b>17:15:00</b>
<b>Min</b>	<b>49.806</b>	<b>20:00:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>112</b>
<b>No. of excursion below 49.97 Hz</b>	<b>130</b>
<b>No. of excursion above 50.00 Hz</b>	<b>155</b>
<b>No. of excursion below 50.00 Hz</b>	<b>156</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:04:29</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:02</b>
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