

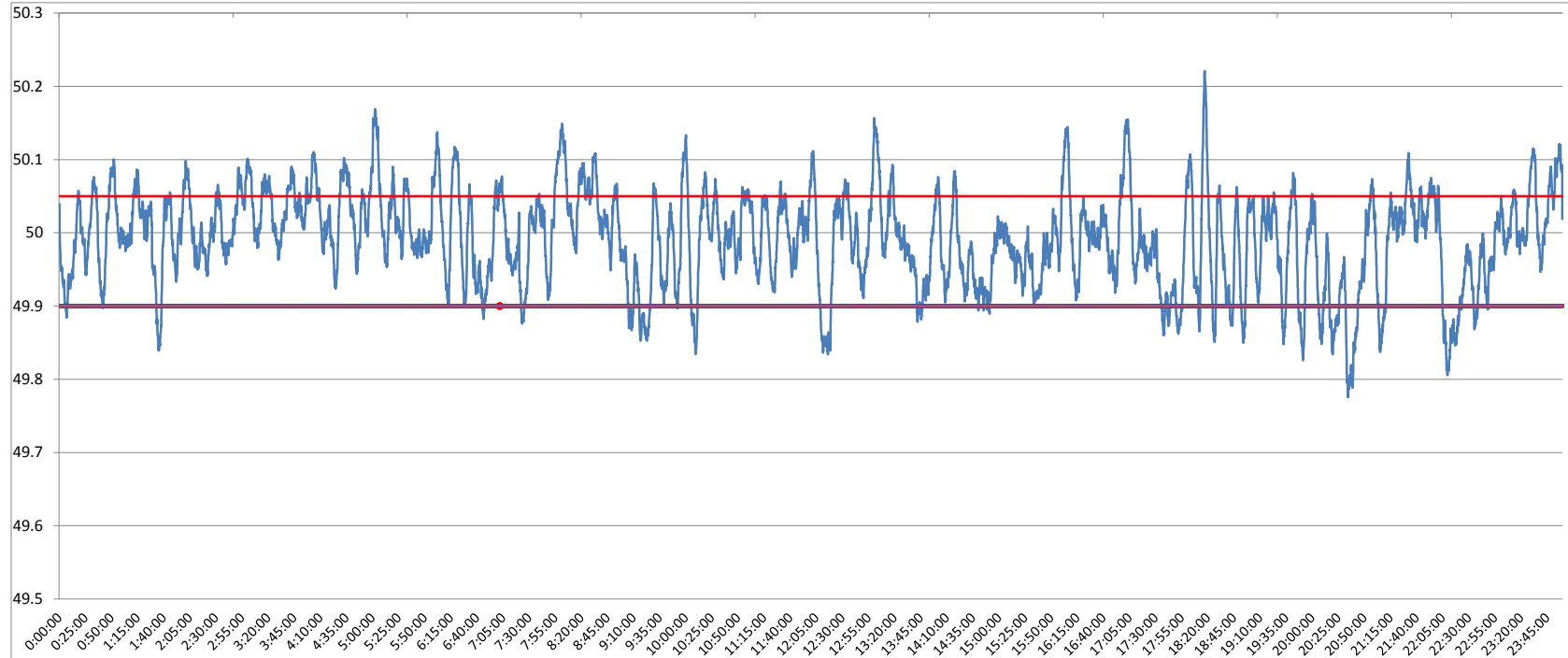


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

02-Mar-16



<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	9.55	34.81	0.30	9.25	43.72	42.81	3.84	71.90	99.92	35.80	14.71	46.69	29.39	18.55	0.08

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.044</b>	<b>Standard Deviation :</b>	<b>0.066</b>
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

<b>Instantaneous Frequency</b>		
<b>Max</b>	<b>50.22</b>	<b>18:17:10</b>
<b>Min</b>	<b>49.78</b>	<b>20:34:30</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.074</b>	<b>0:00:00</b>
<b>Min</b>	<b>49.850</b>	<b>20:45:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>127</b>
<b>No. of excursion below 49.97 Hz</b>	<b>103</b>
<b>No. of excursion above 50.00 Hz</b>	<b>150</b>
<b>No. of excursion below 50.00 Hz</b>	<b>149</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:04:52</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:20</b>
--	----------------	---	----------------