

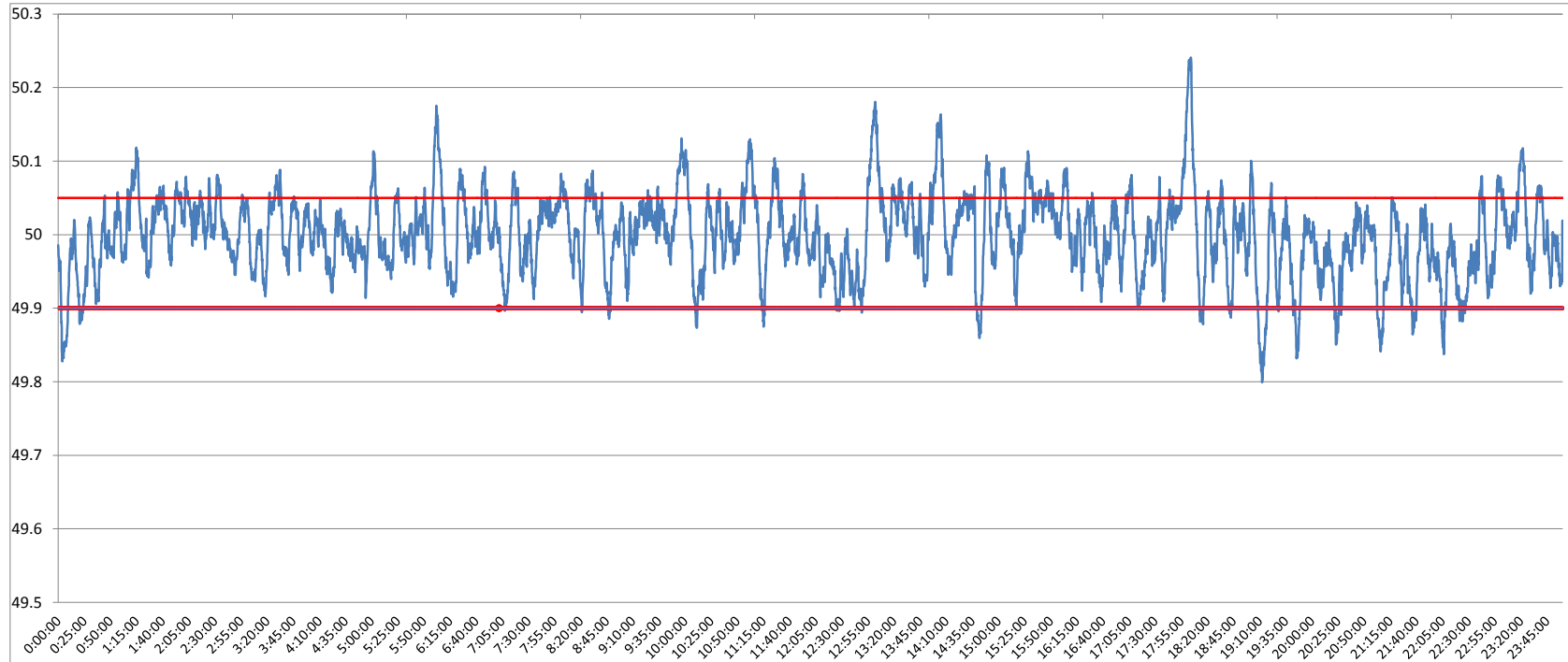


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

07-Aug-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	4.43	28.50	0.01	4.42	44.80	47.73	2.78	79.66	99.75	42.64	12.95	50.67	28.87	15.90	0.25

<b>Average Frequency</b>		<b>50.00</b>	<b>Frequency Variation Index :</b>		<b>0.032</b>	<b>Standard Deviation :</b>		<b>0.056</b>
<b>Instantaneous Frequency</b>			<b>15 minute average Frequency</b>			<b>No. of excursion above 50.03 Hz</b>		<b>170</b>
<b>Max</b>	<b>50.24</b>	<b>18:04:10</b>	<b>Max</b>	<b>50.070</b>	<b>18:15:00</b>	<b>No. of excursion below 49.97 Hz</b>		<b>148</b>
<b>Min</b>	<b>49.80</b>	<b>19:12:20</b>	<b>Min</b>	<b>49.914</b>	<b>21:15:00</b>	<b>No. of excursion above 50.00 Hz</b>		<b>193</b>
<b>Average time freq remains below 49.97 per excursion</b>		<b>0:02:46</b>	<b>Average time frequency remains above 50.03 per excursion</b>		<b>0:02:27</b>	<b>No. of excursion below 50.00 Hz</b>		<b>192</b>