

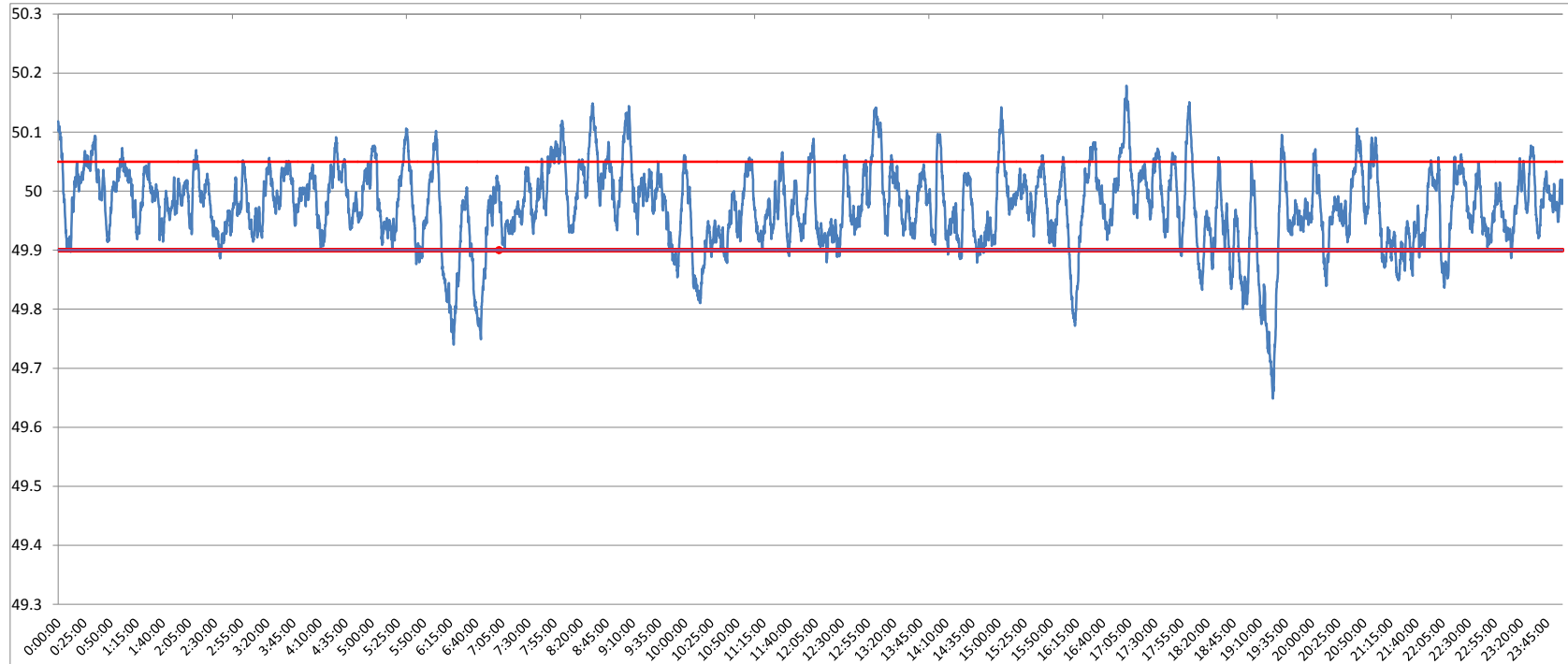


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

22-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	0.20	10.69	45.83	1.62	8.88	52.49	34.48	2.34	78.00	99.80	34.06	9.00	36.76	20.10	11.31	0.00

<b>Average Frequency</b>		<b>49.97</b>	<b>Frequency Variation Index :</b>		<b>0.053</b>	<b>Standard Deviation :</b>		<b>0.068</b>
<b>Instantaneous Frequency</b>			<b>15 minute average Frequency</b>			<b>No. of excursion above 50.03 Hz</b>		<b>123</b>
<b>Max</b>	<b>50.18</b>	<b>17:02:30</b>	<b>Max</b>	<b>50.059</b>	<b>8:45:00</b>	<b>No. of excursion below 49.97 Hz</b>		<b>142</b>
<b>Min</b>	<b>49.65</b>	<b>19:22:40</b>	<b>Min</b>	<b>49.781</b>	<b>19:30:00</b>	<b>No. of excursion above 50.00 Hz</b>		<b>132</b>
						<b>No. of excursion below 50.00 Hz</b>		<b>128</b>
<b>Average time freq remains below 49.97 per excursion</b>		<b>0:04:39</b>	<b>Average time frequency remains above 50.03 per excursion</b>		<b>0:02:21</b>			