

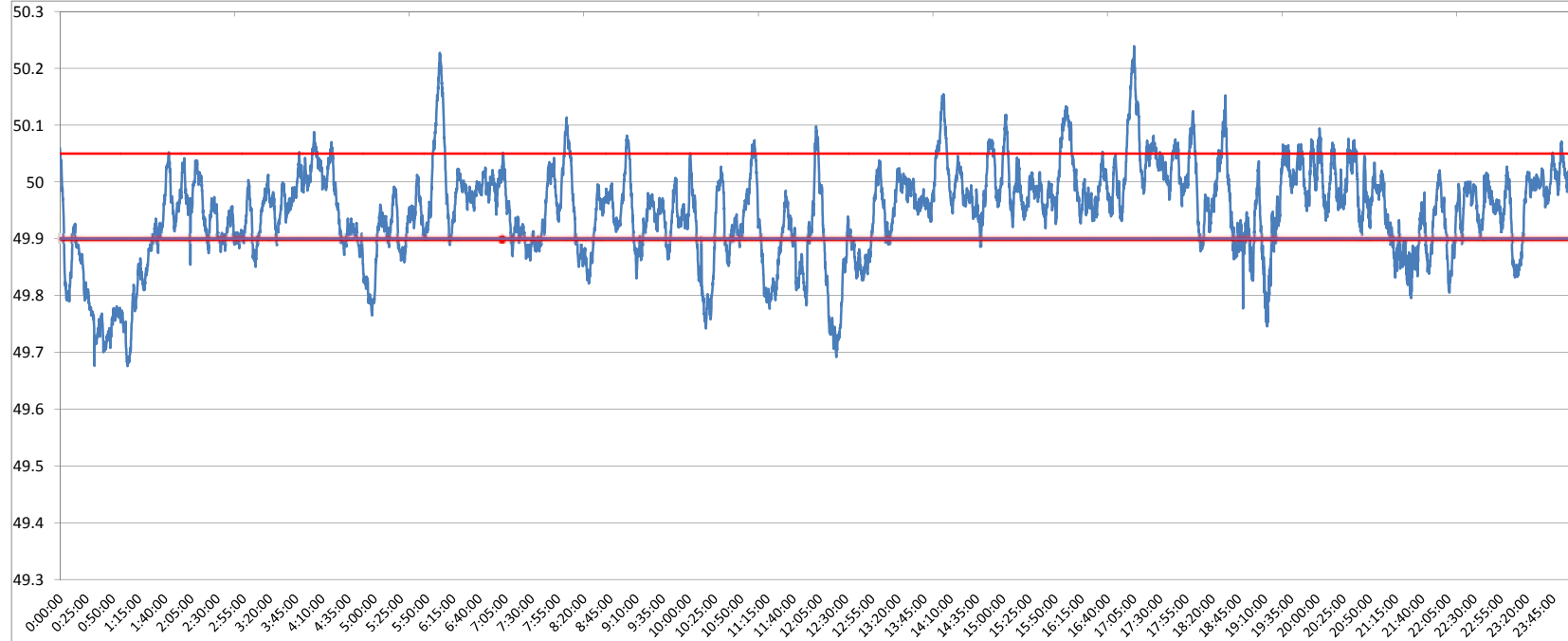


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

06-Sep-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	0.30	24.77	57.80	5.52	18.95	50.80	22.12	2.01	67.13	99.40	29.20	5.84	24.41	13.00	8.10	0.30

<b>Average Frequency</b>		<b>49.95</b>	<b>Frequency Variation Index :</b>		<b>0.096</b>	<b>Standard Deviation :</b>		<b>0.083</b>			
<b>Instantaneous Frequency</b>				<b>15 minute average Frequency</b>				<b>No. of excursion above 50.03 Hz</b>		<b>82</b>	
<b>Max</b>	<b>50.24</b>	<b>17:05:20</b>		<b>Max</b>	<b>50.115</b>	<b>17:15:00</b>		<b>No. of excursion below 49.97 Hz</b>	<b>185</b>		
<b>Min</b>	<b>49.68</b>	<b>1:04:20</b>		<b>Min</b>	<b>49.736</b>	<b>0:45:00</b>		<b>No. of excursion above 50.00 Hz</b>	<b>142</b>		
<b>Average time freq remains below 49.97 per excursion</b>				<b>0:04:30</b>	<b>Average time frequency remains above 50.03 per excursion</b>				<b>0:02:17</b>	<b>No. of excursion below 50.00 Hz</b>	<b>139</b>