

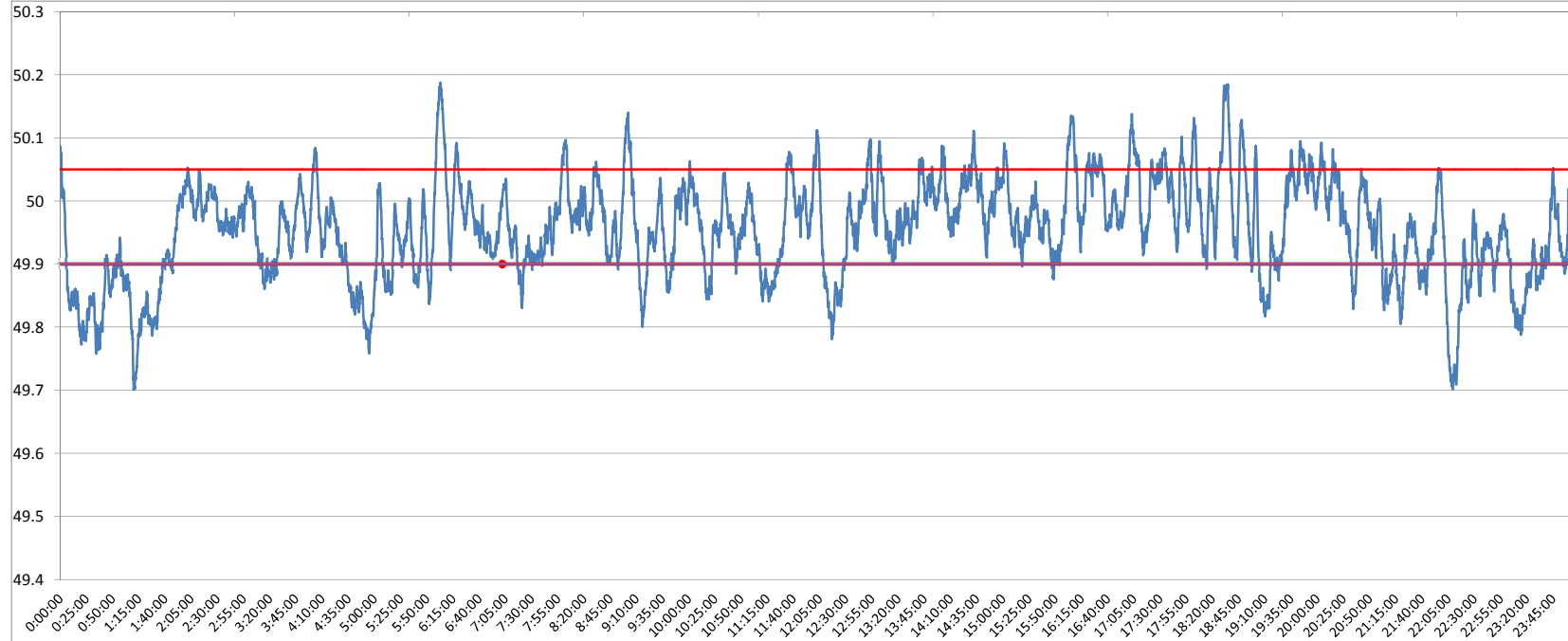


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

29-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	0.00	23.01	56.01	2.79	20.22	47.97	26.79	2.22	66.55	100.00	27.36	8.24	28.98	16.63	10.44	0.00

<b>Average Frequency</b>		<b>49.95</b>	<b>Frequency Variation Index :</b>		<b>0.082</b>	<b>Standard Deviation :</b>		<b>0.078</b>	
<b>Instantaneous Frequency</b>			<b>15 minute average Frequency</b>			<b>No. of excursion above 50.03 Hz</b>		<b>90</b>	
<b>Max</b>	<b>50.19</b>	<b>6:03:00</b>	<b>Max</b>	<b>50.060</b>	<b>6:15:00</b>	<b>No. of excursion below 49.97 Hz</b>		<b>124</b>	
<b>Min</b>	<b>49.70</b>	<b>1:10:20</b>	<b>Min</b>	<b>49.782</b>	<b>22:15:00</b>	<b>No. of excursion above 50.00 Hz</b>		<b>100</b>	
<b>Average time freq remains below 49.97 per excursion</b>			<b>0:06:30</b>	<b>Average time frequency remains above 50.03 per excursion</b>		<b>0:02:40</b>	<b>No. of excursion below 50.00 Hz</b>		<b>100</b>