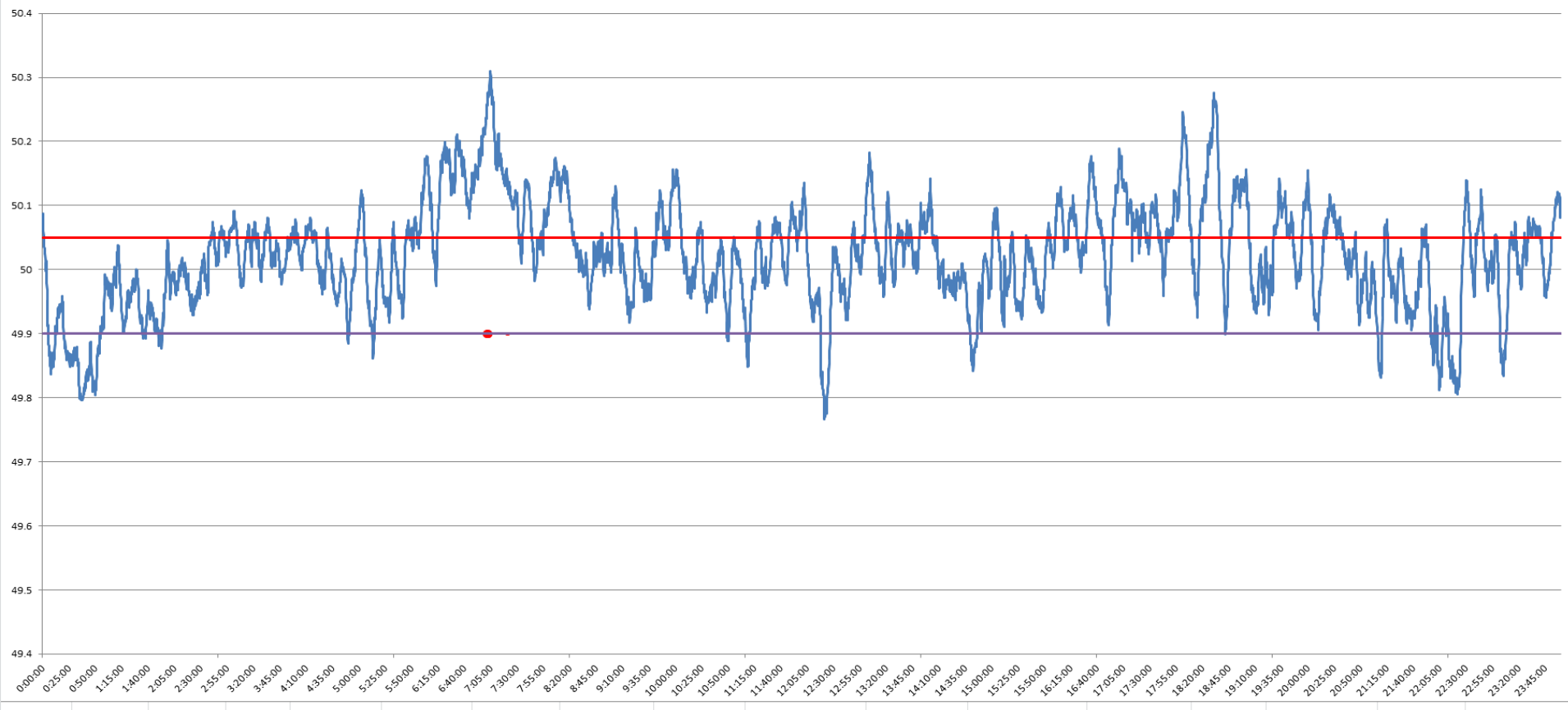




**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for 23-Apr-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	7.07	24.59	0.31	6.76	32.11	44.80	14.32	56.96	98.30	29.06	20.03	60.79	46.34	35.97	1.70

<b>Average Frequency</b>	<b>50.02</b>	<b>Frequency Variation Index :</b>	<b>0.072</b>	<b>Standard Deviation :</b>	<b>0.082</b>
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<b>Instantaneous Frequency</b>		<b>15 minute average Frequency</b>		<b>No. of excursion above 50.03 Hz</b>	<b>109</b>
<b>MAX</b>	<b>50.31 7:04:30</b>	<b>Max</b>	<b>50.228 7:15:00</b>	<b>No. of excursion below 49.97 Hz</b>	<b>98</b>
<b>Min</b>	<b>49.77 12:21:30</b>	<b>Min</b>	<b>49.832 0:45:00</b>	<b>No. of excursion above 50.00 Hz</b>	<b>121</b>
				<b>No. of excursion below 50.00 Hz</b>	<b>119</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:37</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:06:07</b>
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