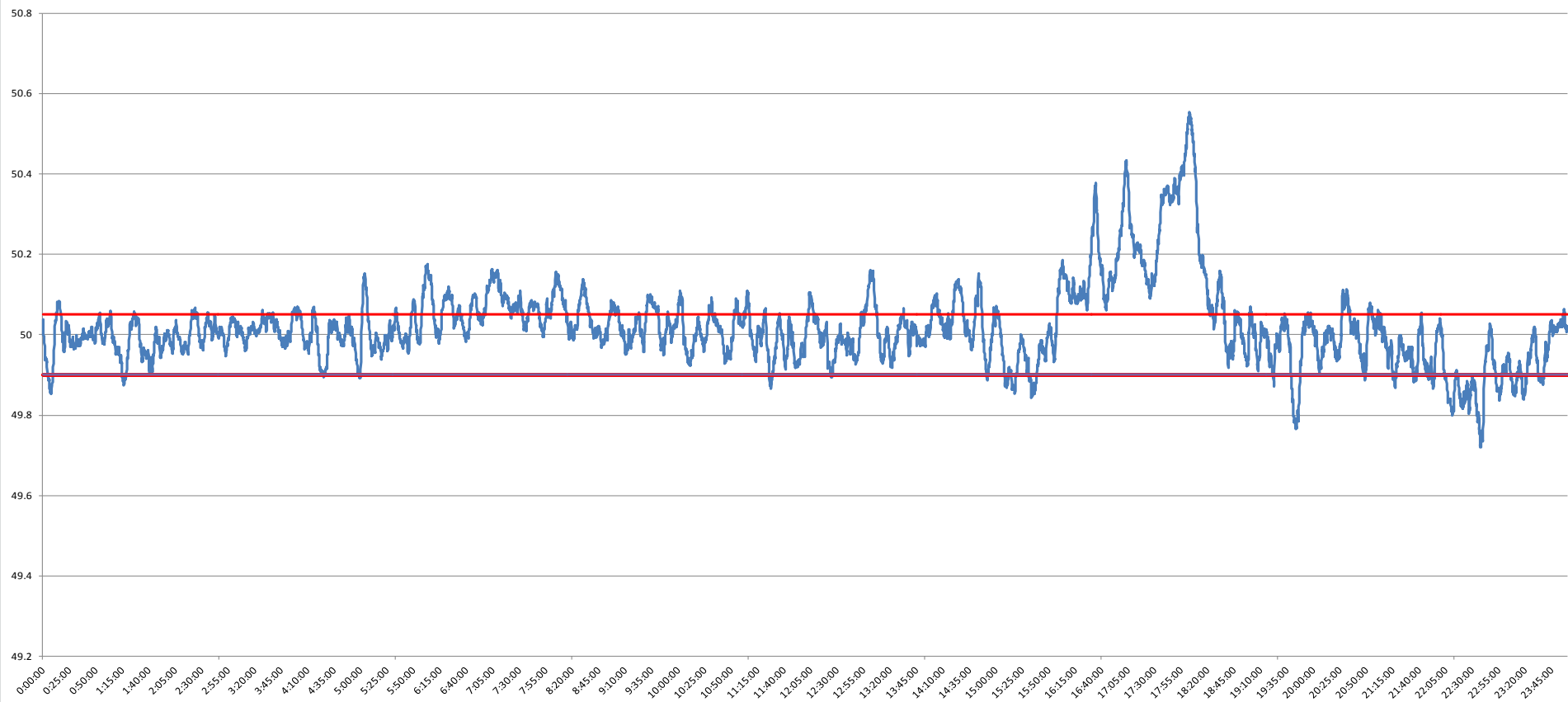




**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for 19-May-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	7.43	26.53	0.71	6.72	36.70	42.55	8.61	65.28	95.29	36.53	14.07	55.76	36.94	27.29	4.71

<b>Average Frequency</b>	<b>50.02</b>	<b>Frequency Variation Index :</b>	<b>0.108</b>	<b>Standard Deviation :</b>	<b>0.102</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>133</b>
<b>MAX</b>	<b>50.55 18:03:20</b>	<b>Max</b>	<b>50.395 18:15:00</b>	<b>No. of excursion below 49.97 Hz</b>		<b>100</b>
<b>Min</b>	<b>49.72 22:38:00</b>	<b>Min</b>	<b>49.839 22:45:00</b>	<b>No. of excursion above 50.00 Hz</b>		<b>152</b>
				<b>No. of excursion below 50.00 Hz</b>		<b>152</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:49</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:04:00</b>
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