



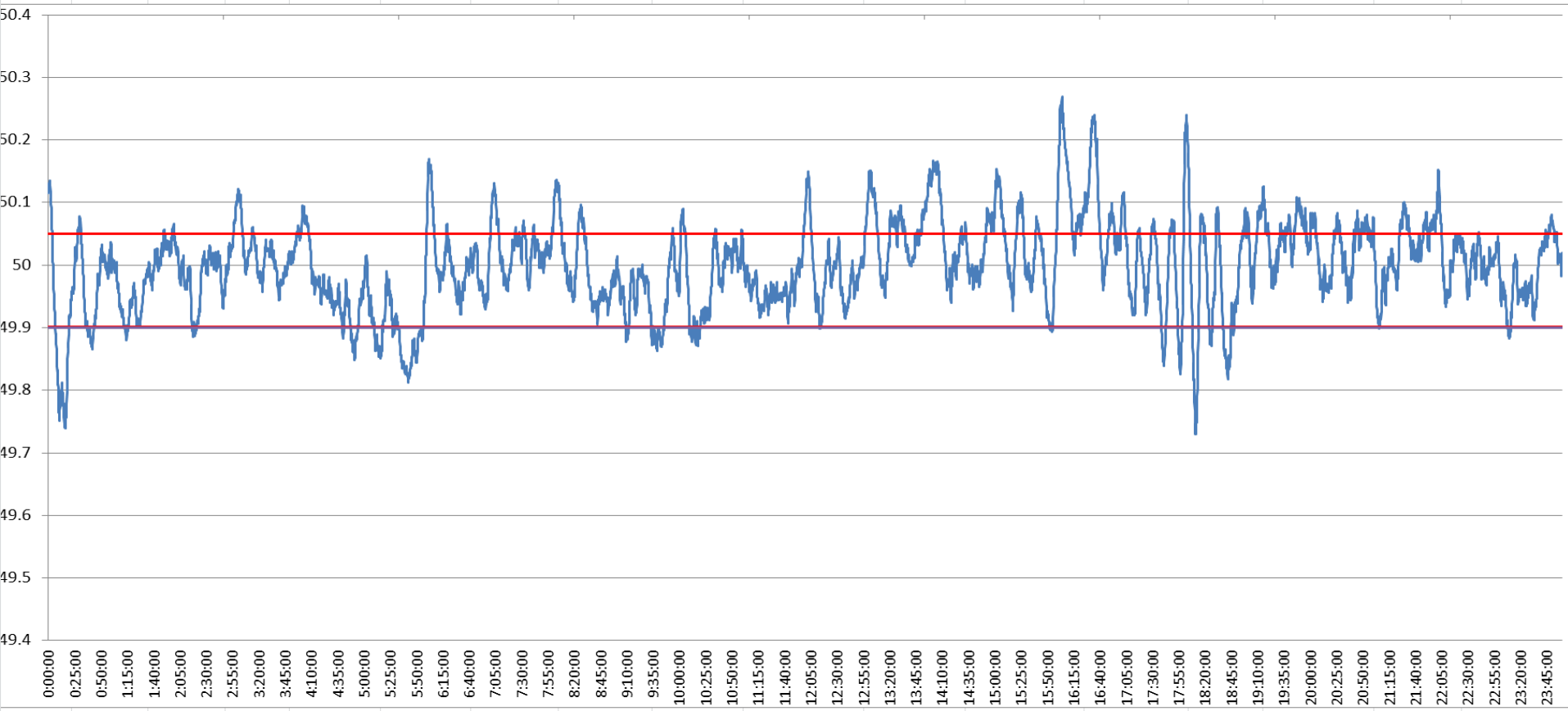
# POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

02-Oct-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	8.23	33.14	0.76	7.47	42.51	43.01	5.43	69.77	99.18	34.97	15.83	49.18	31.90	22.00	0.82

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.051</b>	<b>Standard Deviation :</b>	<b>0.071</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>118</b>
<b>Max</b>	<b>50.27 16:04:10</b>	<b>Max</b>	<b>50.163 16:15:00</b>	<b>No. of excursion below 49.97 Hz</b>		<b>141</b>	
<b>Min</b>	<b>49.73 18:11:10</b>	<b>Min</b>	<b>49.856 5:45:00</b>	<b>No. of excursion above 50.00 Hz</b>		<b>126</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>0:03:23</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:54</b>
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