

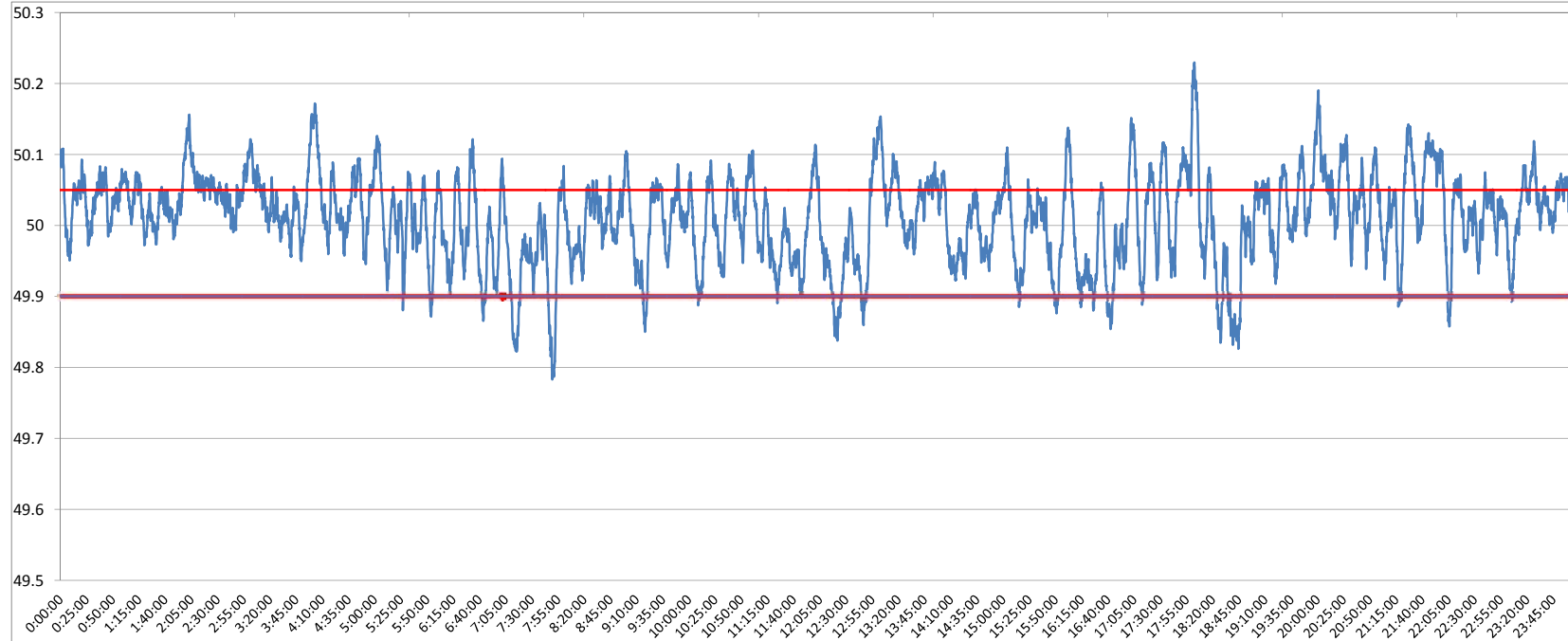


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

27-Jan-16



<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	5.38	25.71	0.14	5.24	34.75	53.95	5.75	67.28	99.83	33.03	21.56	59.77	41.26	27.34	0.17

<b>Average Frequency</b>		<b>50.01</b>	<b>Frequency Variation Index :</b>		<b>0.041</b>	<b>Standard Deviation :</b>		<b>0.063</b>				
<b>Instantaneous Frequency</b>				<b>15 minute average Frequency</b>				<b>No. of excursion above 50.03 Hz</b>		<b>154</b>		
<b>Max</b>	<b>50.23</b>	<b>18:02:30</b>		<b>Max</b>	<b>50.099</b>	<b>22:00:00</b>		<b>No. of excursion below 49.97 Hz</b>		<b>103</b>		
<b>Min</b>	<b>49.78</b>	<b>7:49:50</b>		<b>Min</b>	<b>49.887</b>	<b>18:45:00</b>		<b>No. of excursion above 50.00 Hz</b>		<b>141</b>		
<b>Average time freq remains below 49.97 per excursion</b>				<b>0:03:36</b>	<b>Average time frequency remains above 50.03 per excursion</b>				<b>0:03:51</b>	<b>No. of excursion below 50.00 Hz</b>		<b>139</b>