

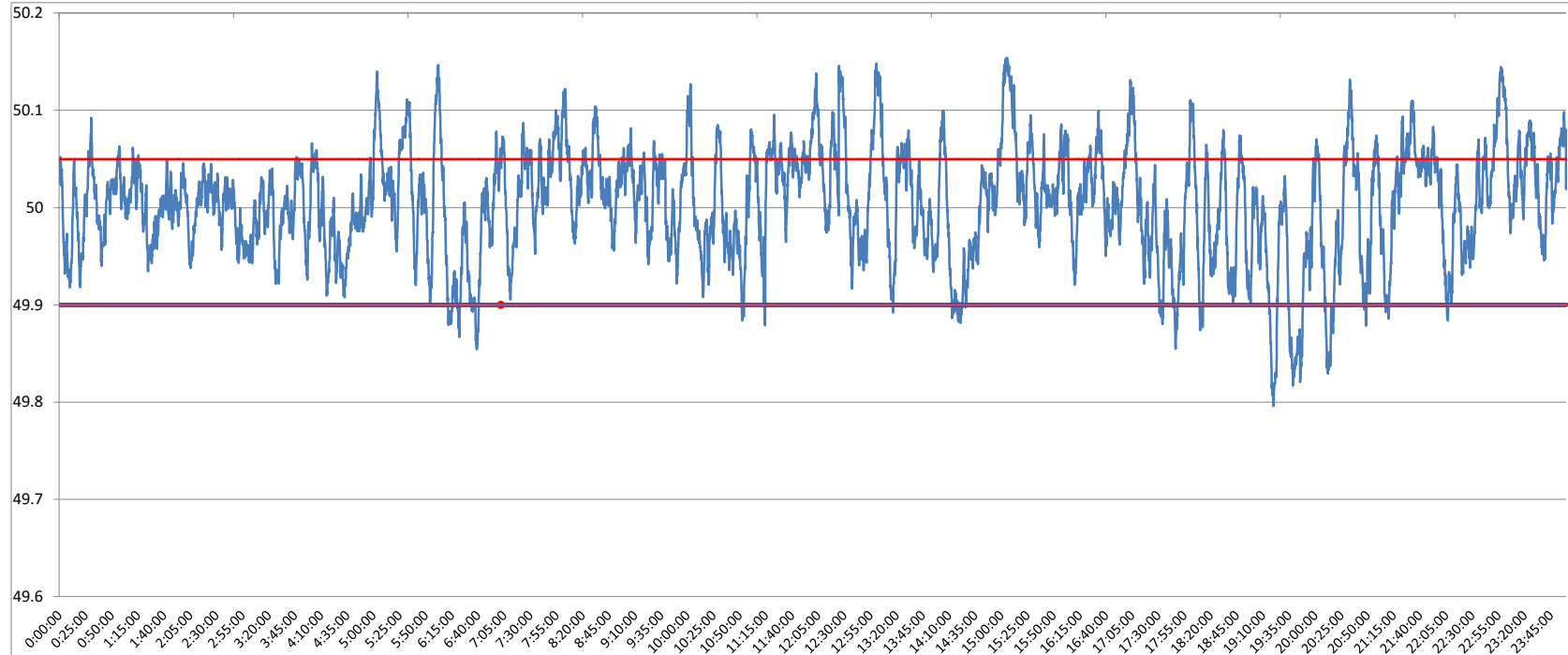


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

04-Aug-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	4.62	27.01	0.02	4.59	39.35	52.08	3.95	75.20	100.00	39.49	16.38	55.97	33.50	20.19	0.00

<b>Average Frequency</b>		<b>50.00</b>	<b>Frequency Variation Index :</b>		<b>0.033</b>	<b>Standard Deviation :</b>		<b>0.057</b>
<b>Instantaneous Frequency</b>			<b>15 minute average Frequency</b>			<b>No. of excursion above 50.03 Hz</b>		<b>171</b>
<b>Max</b>	<b>50.15</b>	<b>15:05:30</b>	<b>Max</b>	<b>50.115</b>	<b>15:15:00</b>	<b>No. of excursion below 49.97 Hz</b>		<b>119</b>
<b>Min</b>	<b>49.80</b>	<b>19:20:10</b>	<b>Min</b>	<b>49.892</b>	<b>19:45:00</b>	<b>No. of excursion above 50.00 Hz</b>		<b>155</b>
<b>Average time freq remains below 49.97 per excursion</b>		<b>0:03:16</b>	<b>Average time frequency remains above 50.03 per excursion</b>		<b>0:02:49</b>	<b>No. of excursion below 50.00 Hz</b>		<b>155</b>