

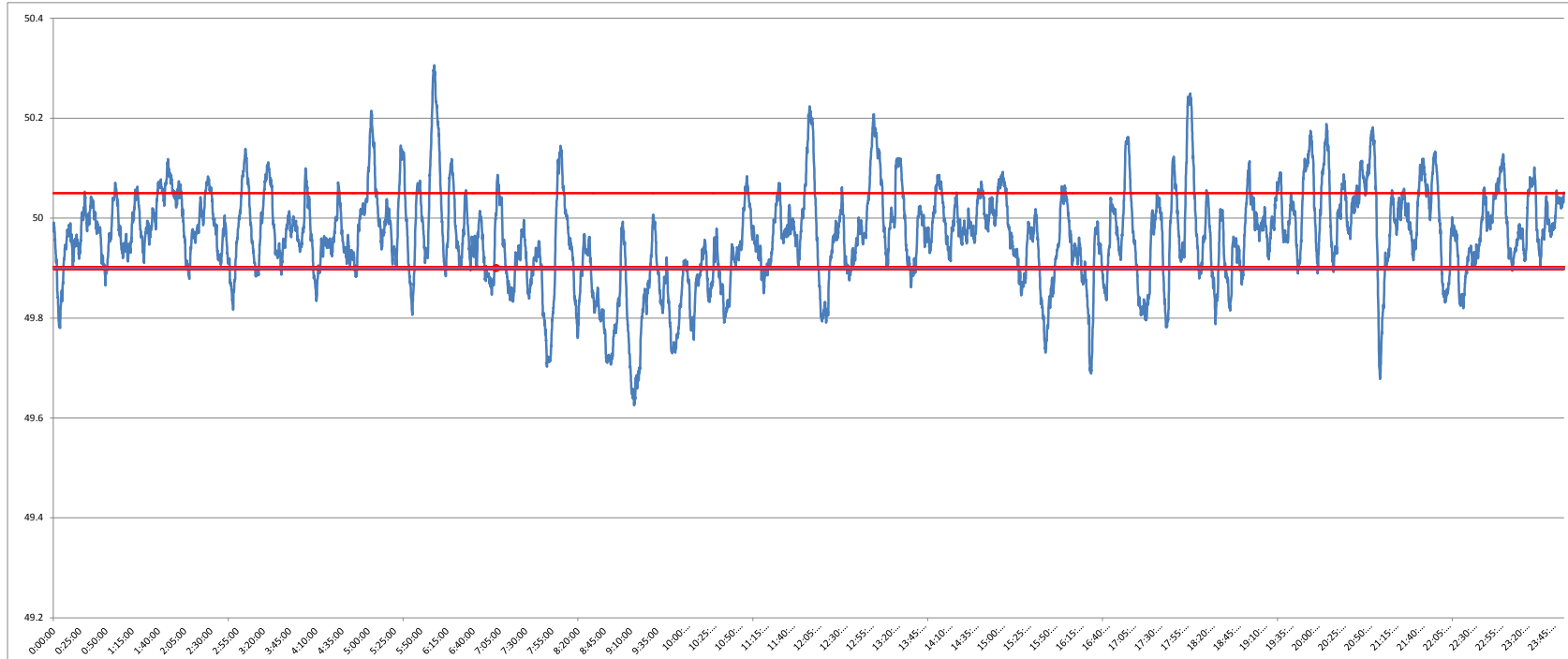


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

17-Jan-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	0.80	21.76	52.13	4.12	16.84	44.71	26.72	5.89	61.26	98.29	24.53	10.22	33.53	23.34	16.98	0.91

<b>Average Frequency</b>		<b>49.96</b>	<b>Frequency Variation Index :</b>		<b>0.105</b>	<b>Standard Deviation :</b>		<b>0.096</b>
<b>Instantaneous Frequency</b>			<b>15 minute average Frequency</b>			<b>No. of excursion above 50.03 Hz</b>		<b>85</b>
<b>MAX</b>	<b>50.31</b>	<b>6:03:00</b>	<b>Max</b>	<b>50.110</b>	<b>21:00:00</b>	<b>No. of excursion below 49.97 Hz</b>		<b>131</b>
<b>Min</b>	<b>49.63</b>	<b>9:13:30</b>	<b>Min</b>	<b>49.759</b>	<b>9:00:00</b>	<b>No. of excursion above 50.00 Hz</b>		<b>116</b>
<b>Average time freq remains below 49.97 per excursion</b>			<b>0:05:44</b>	<b>Average time frequency remains above 50.03 per excursion</b>				<b>0:03:57</b>
						<b>No. of excursion above 50.05 Hz</b>		<b>116</b>