

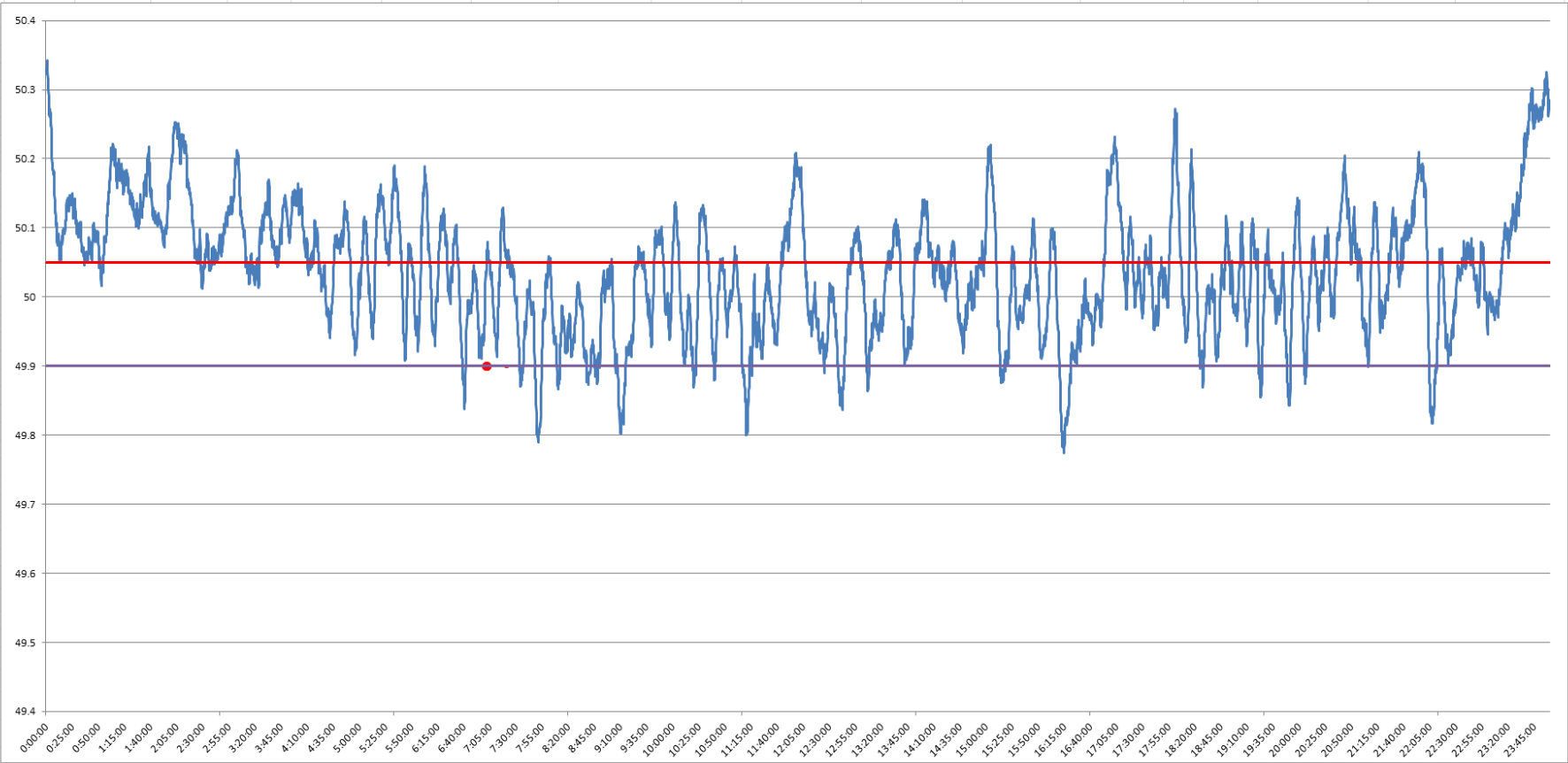


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

14-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	0.00	5.86	23.69	0.25	5.60	29.10	41.90	18.91	49.03	95.76	22.28	21.99	65.00	54.03	45.12	4.24

<b>Average Frequency</b>	<b>50.04</b>	<b>Frequency Variation Index :</b>	<b>0.098</b>	<b>Standard Deviation :</b>	<b>0.092</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>110</b>
<b>MAX</b>	<b>50.34</b>	<b>0:01:20</b>	<b>Max</b>	<b>50.278</b>	<b>0:00:00</b>	<b>No. of excursion below 49.97 Hz</b>		<b>88</b>
<b>Min</b>	<b>49.77</b>	<b>16:15:00</b>	<b>Min</b>	<b>49.885</b>	<b>16:30:00</b>	<b>No. of excursion above 50.00 Hz</b>		<b>101</b>
					<b>No. of excursion below 50.00 Hz</b>		<b>101</b>	

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:53</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:07:04</b>
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