

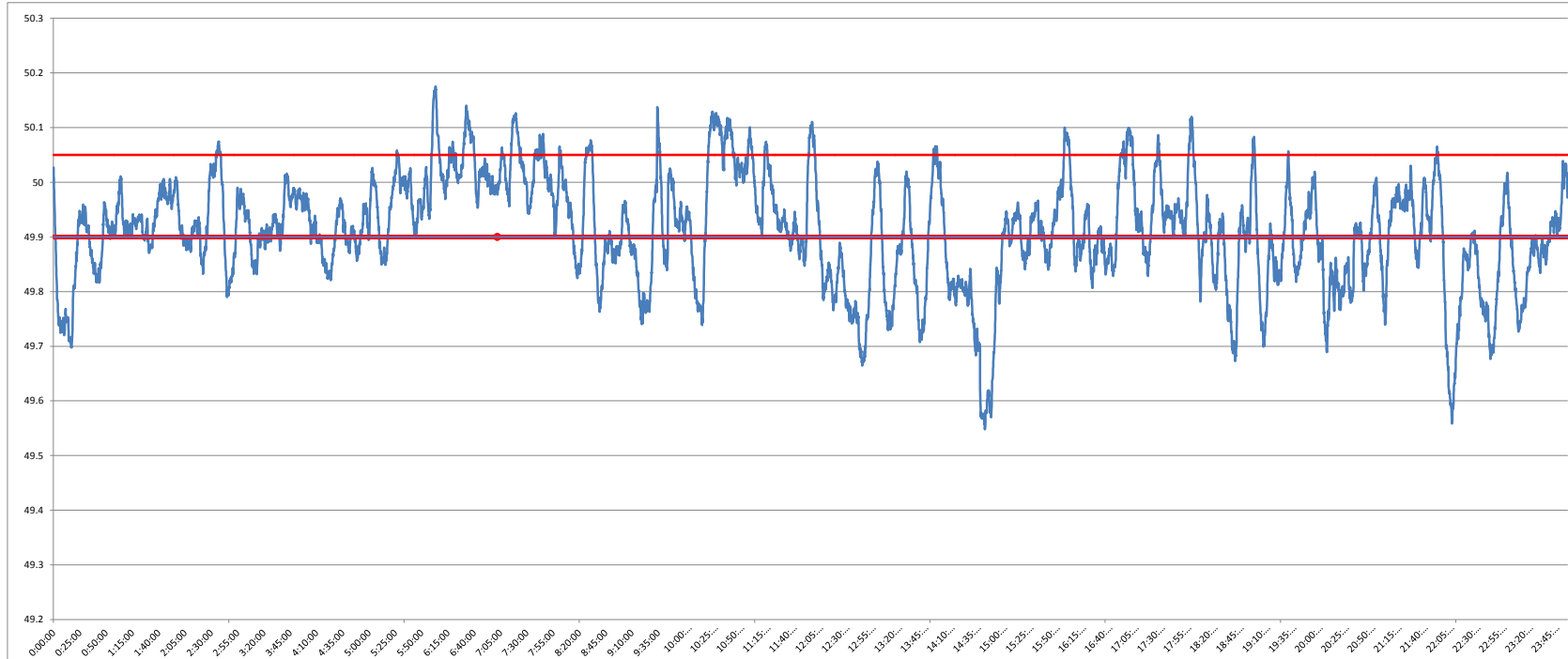


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for

05-May-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	2.70	42.36	71.96	10.90	28.76	38.32	17.35	1.97	49.59	97.30	16.61	6.10	19.27	11.44	8.04	0.00

<b>Average Frequency</b>	<b>49.91</b>	<b>Frequency Variation Index :</b>	<b>0.181</b>	<b>Standard Deviation :</b>	<b>0.101</b>
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<b>Instantaneous Frequency</b>		
<b>MAX</b>	<b>50.18</b>	<b>6:03:20</b>
<b>Min</b>	<b>49.55</b>	<b>14:45:40</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.092</b>	<b>10:45:00</b>
<b>Min</b>	<b>49.673</b>	<b>15:00:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>56</b>
<b>No. of excursion below 49.97 Hz</b>	<b>70</b>
<b>No. of excursion above 50.00 Hz</b>	<b>75</b>
<b>No. of excursion below 50.00 Hz</b>	<b>74</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:14:48</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:56</b>
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