

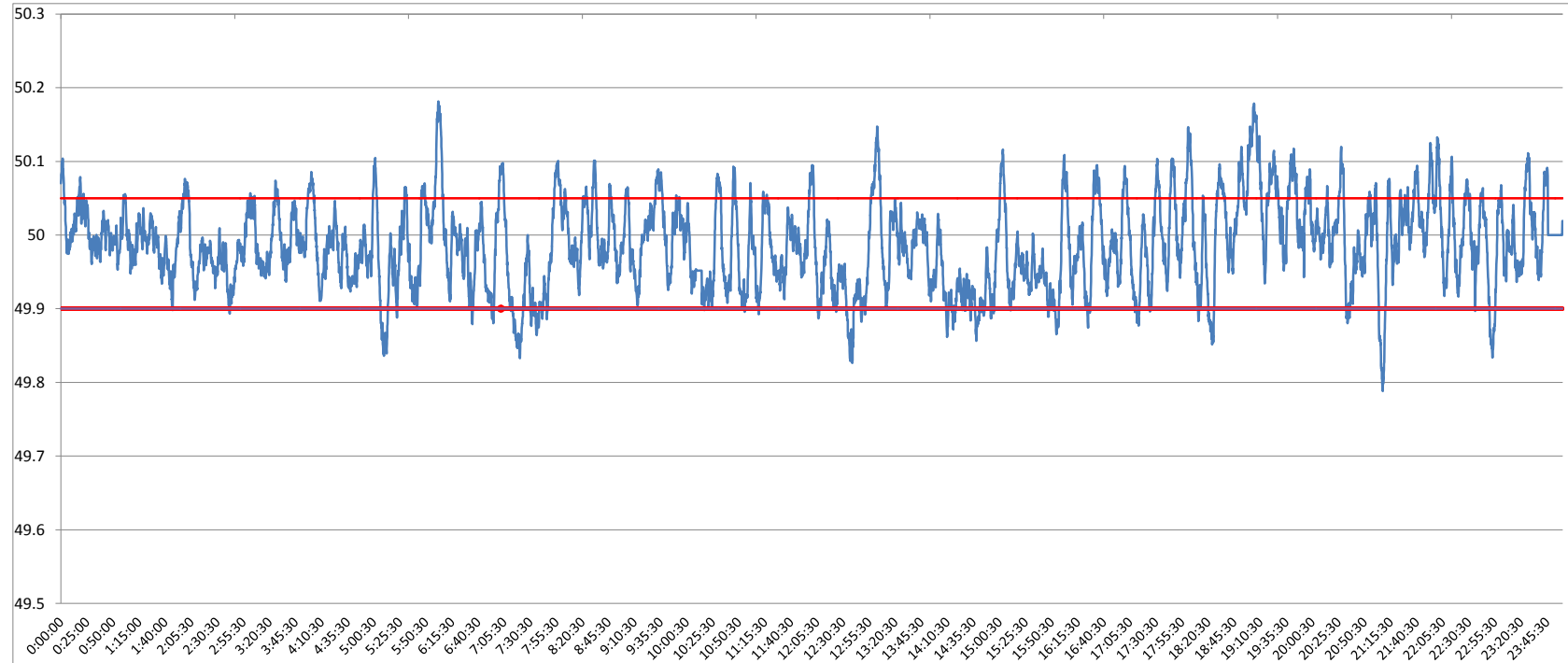


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

TALCHER:Frequency

National Grid Frequency Profile for

25-Jan-17



<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	6.27	40.28	0.06	6.22	53.99	37.14	2.59	78.29	100.00	36.60	12.89	38.74	23.13	15.44	0.00

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.037</b>	<b>Standard Deviation :</b>	<b>0.059</b>
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	
Max	50.18 6:02:20	Max	50.093 19:15:00	No. of excursion below 49.97 Hz	164
Min	49.79 21:07:50	Min	49.894 12:45:00	No. of excursion above 50.00 Hz	172
				No. of excursion below 50.00 Hz	171

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:32</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:54</b>
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