

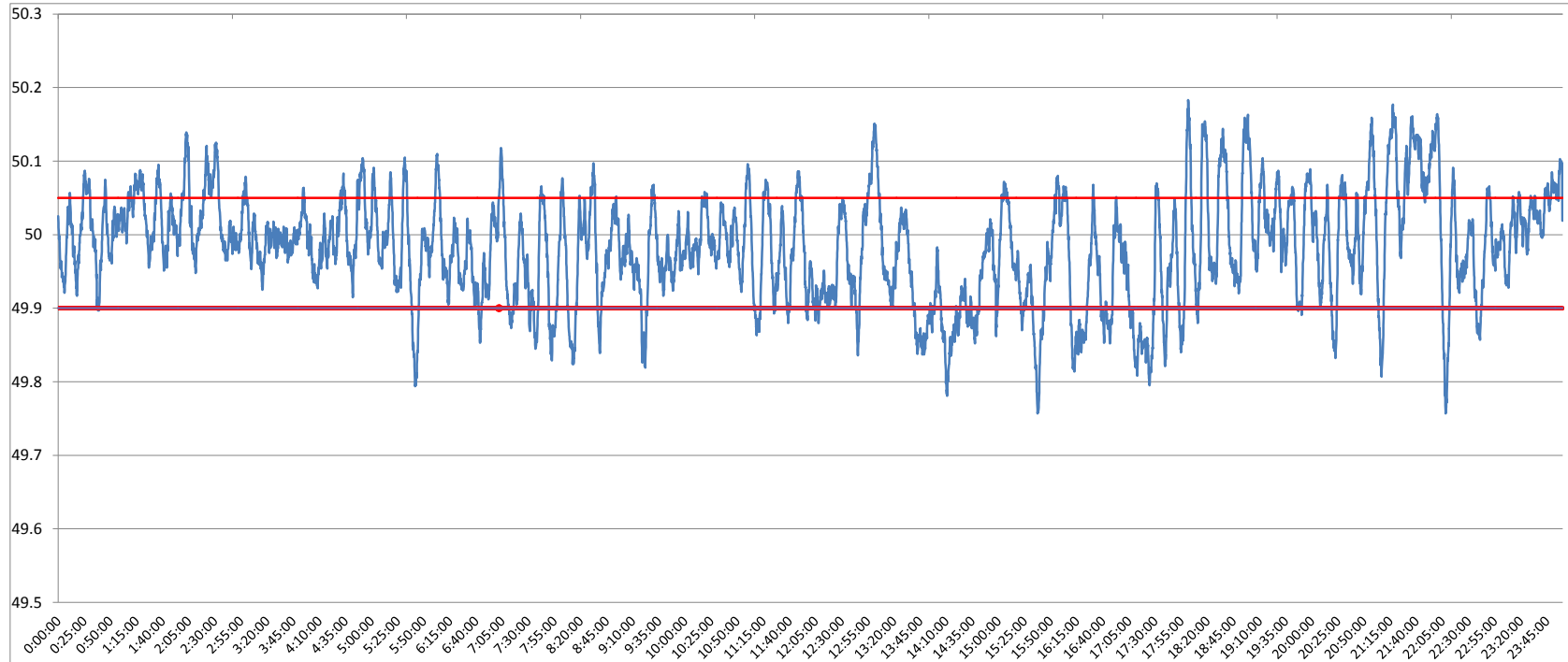


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SARUSUJAI:Frequency

National Grid Frequency Profile for

23-Nov-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	14.20	40.89	0.52	13.68	44.17	36.50	5.13	67.86	100.00	33.59	13.44	40.56	25.52	17.94	0.00

<b>Average Frequency</b>	<b>49.98</b>	<b>Frequency Variation Index :</b>	<b>0.056</b>	<b>Standard Deviation :</b>	<b>0.073</b>
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	
Max	50.18 18:01:30	Max	50.120 21:45:00	No. of excursion below 49.97 Hz	118
Min	49.76 15:37:20	Min	49.853 17:30:00	No. of excursion above 50.00 Hz	103
				No. of excursion below 50.00 Hz	102

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:04:59</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:57</b>
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