

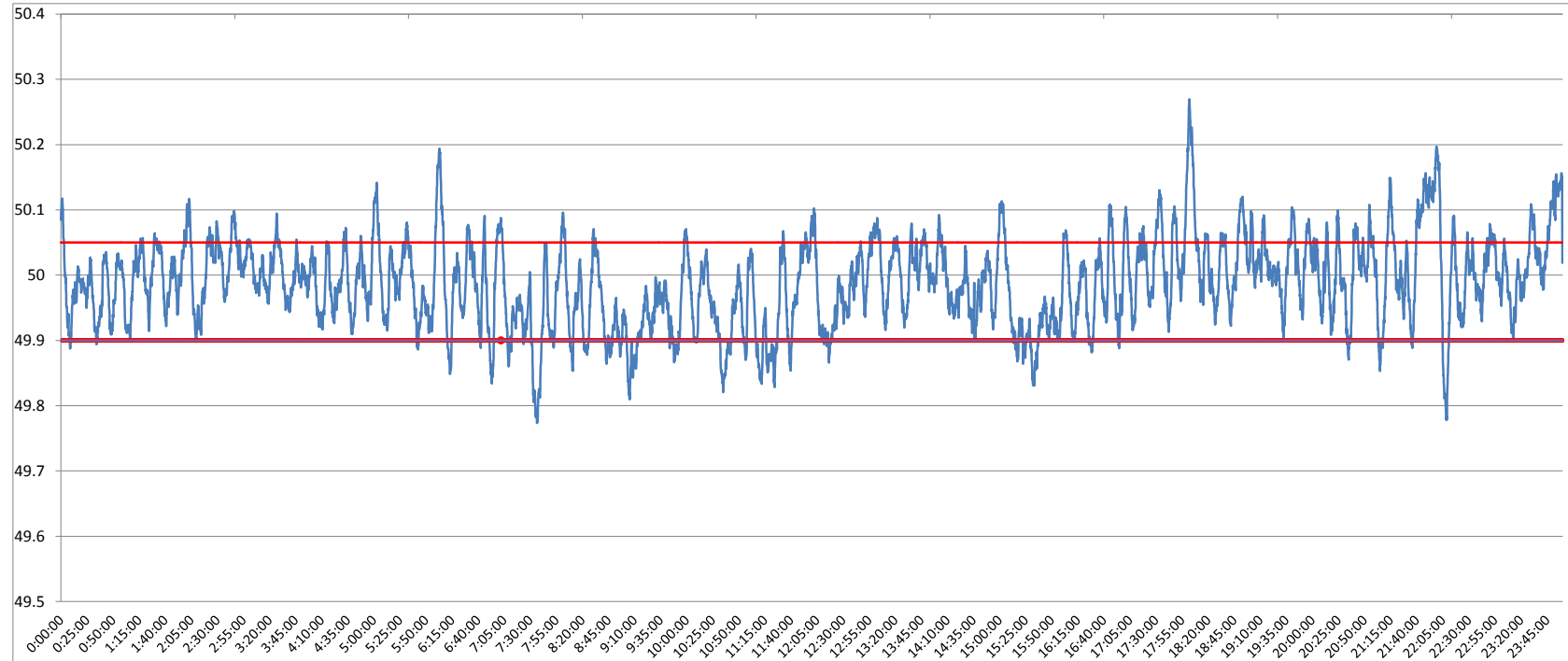


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

27-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	9.19	39.85	0.27	8.92	47.49	38.89	4.17	73.94	99.73	33.97	12.50	43.22	26.18	16.88	0.27

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.047</b>	<b>Standard Deviation :</b>	<b>0.067</b>
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	
Max	50.27 18:02:10	Max	50.135 22:00:00	No. of excursion below 49.97 Hz	129
Min	49.77 7:36:30	Min	49.874 7:45:00	No. of excursion above 50.00 Hz	135
				No. of excursion below 50.00 Hz	133

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:04:15</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:55</b>
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