

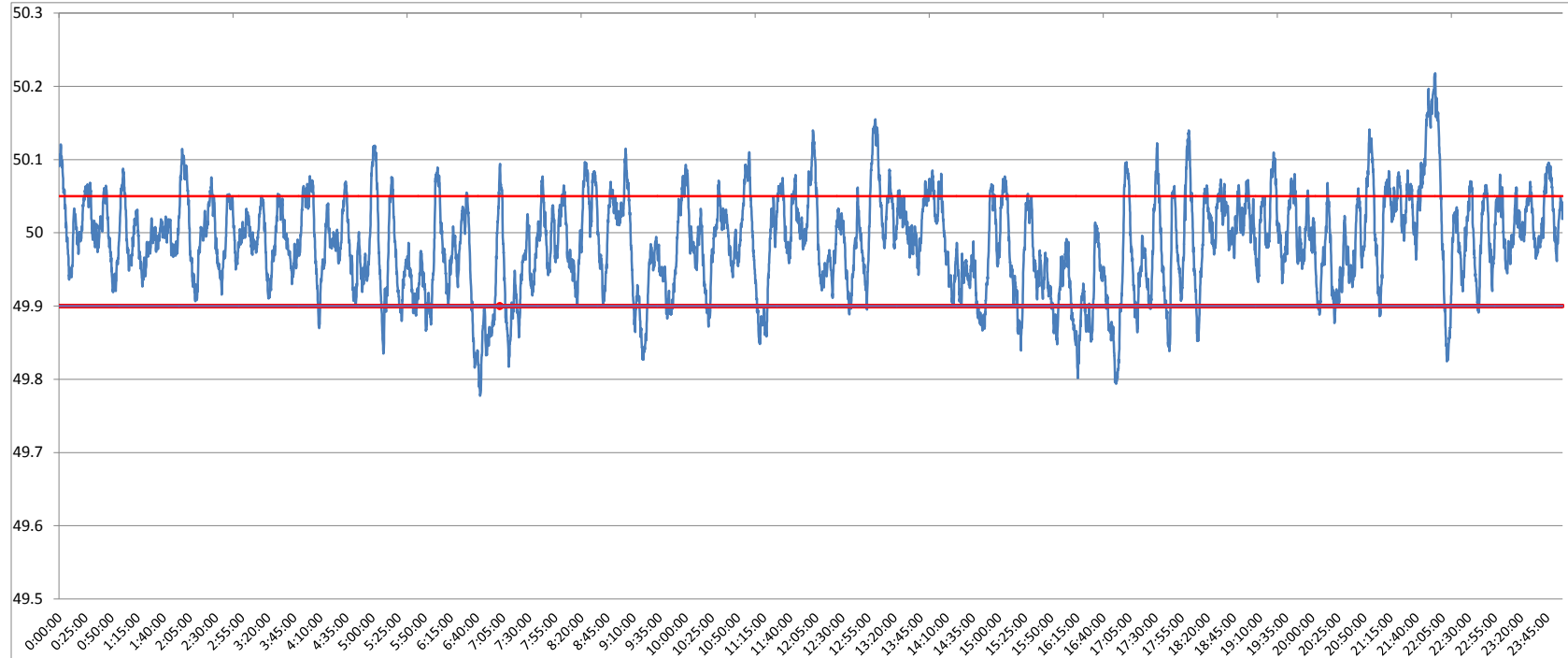


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

18-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	10.38	38.70	0.27	10.12	46.82	40.03	2.69	73.02	99.92	34.29	13.87	42.65	27.00	16.60	0.08

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.044</b>	<b>Standard Deviation :</b>	<b>0.065</b>
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Instantaneous Frequency	
Max	50.22 21:58:00
Min	49.78 6:43:10

15 minute average Frequency		
Max	50.152	22:00:00
Min	49.867	17:00:00

No. of excursion above 50.03 Hz	122
No. of excursion below 49.97 Hz	139
No. of excursion above 50.00 Hz	153
No. of excursion below 50.00 Hz	153

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:04:01</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:11</b>
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