

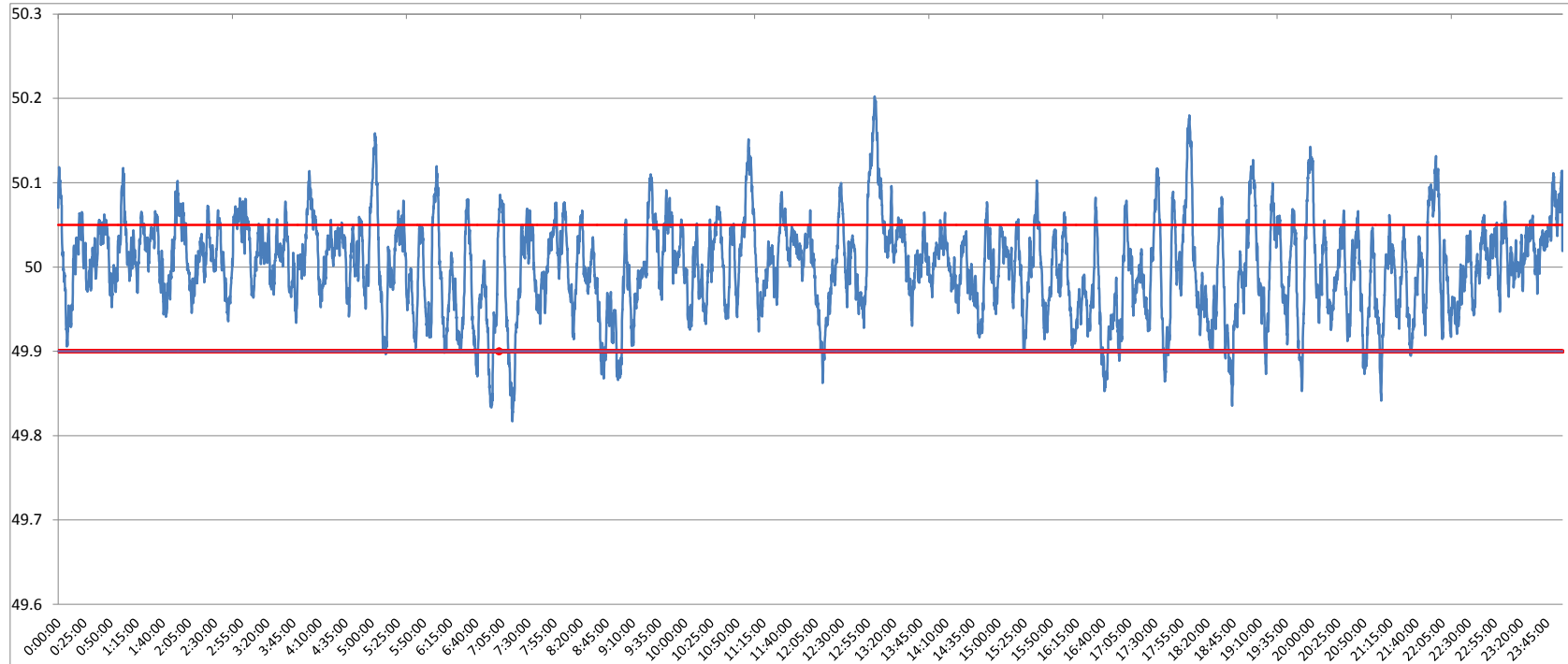


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

30-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	3.63	27.84	0.00	3.63	44.02	48.96	3.38	80.14	99.99	42.11	12.88	52.27	30.06	16.23	0.01

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.030</b>	<b>Standard Deviation :</b>	<b>0.055</b>
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	
Max	50.2 13:01:30	Max	50.094 13:15:00	No. of excursion below 49.97 Hz	146
Min	49.82 7:14:40	Min	49.920 9:00:00	No. of excursion above 50.00 Hz	176
				No. of excursion below 50.00 Hz	173

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:02:45</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:18</b>
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