

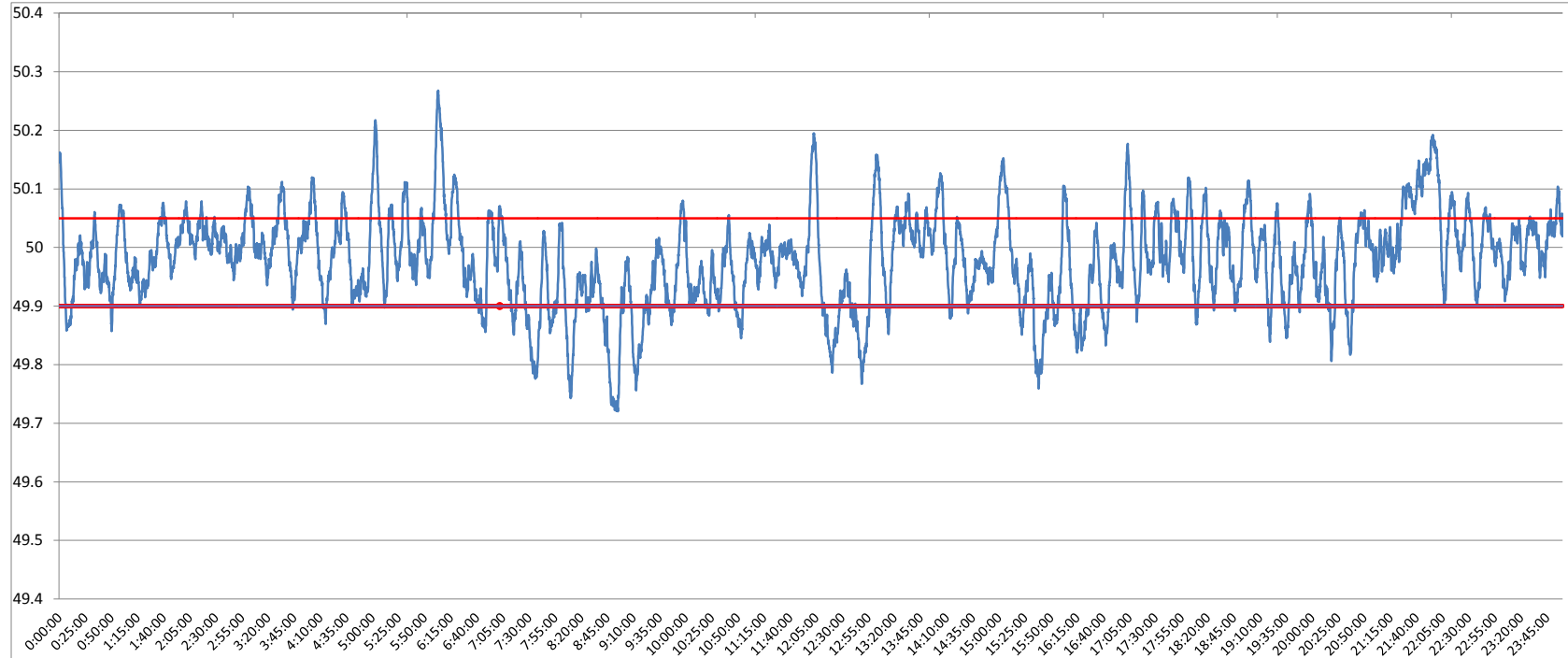


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

24-Dec-15



<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	14.83	43.85	2.08	12.74	44.99	34.48	5.25	68.66	99.55	31.11	10.86	40.16	25.03	16.52	0.45

<b>Average Frequency</b>	<b>49.98</b>	<b>Frequency Variation Index :</b>	<b>0.067</b>	<b>Standard Deviation :</b>	<b>0.079</b>
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Instantaneous Frequency		
Max	50.27	6:02:50
Min	49.72	8:55:00

15 minute average Frequency		
Max	50.149	22:00:00
Min	49.784	9:00:00

No. of excursion above 50.03 Hz	113
No. of excursion below 49.97 Hz	132
No. of excursion above 50.00 Hz	141
No. of excursion below 50.00 Hz	139

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:04:47</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:11</b>
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