

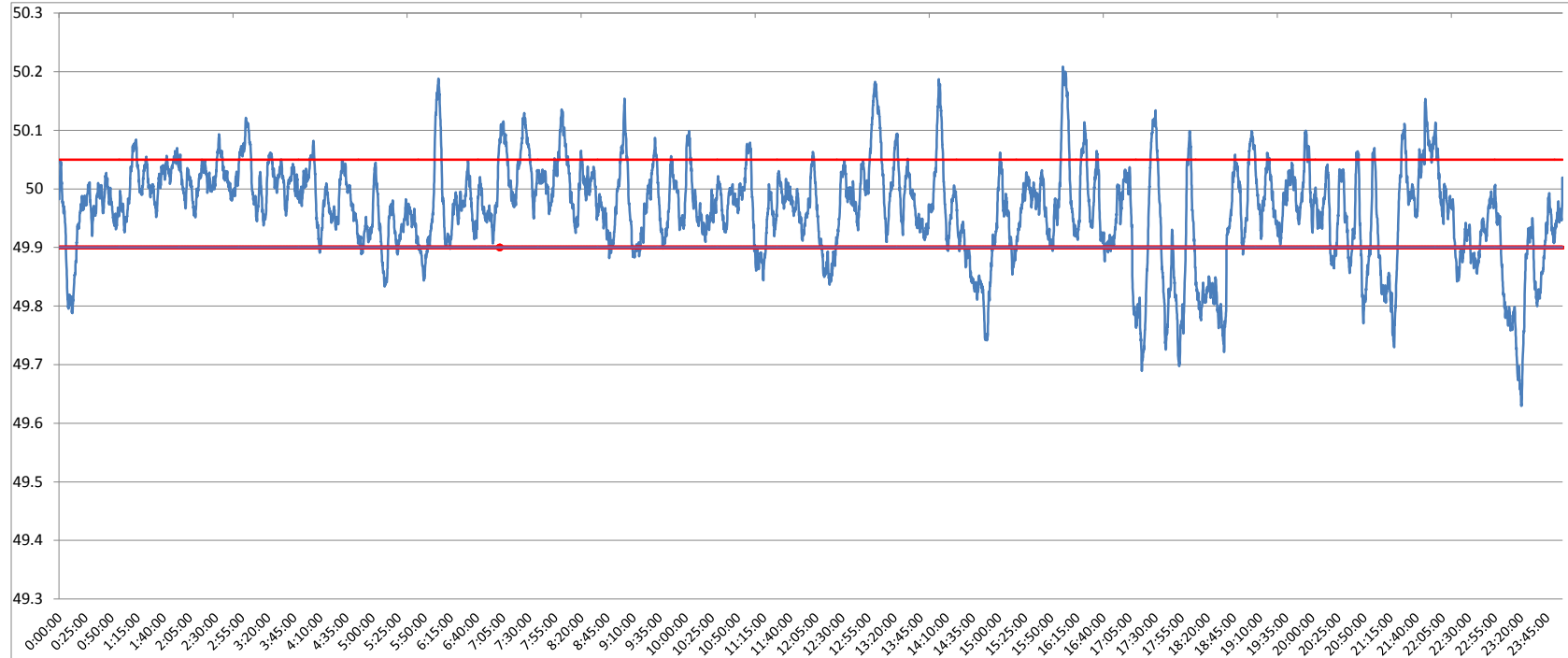


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

12-Oct-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	0.39	17.72	48.54	3.92	13.40	48.31	30.64	3.29	70.38	99.56	32.64	8.59	33.92	18.82	11.90	0.05

<b>Average Frequency</b>	<b>49.96</b>	<b>Frequency Variation Index :</b>	<b>0.080</b>	<b>Standard Deviation :</b>	<b>0.082</b>
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Instantaneous Frequency		
Max	50.21	16:01:10
Min	49.63	23:20:20

15 minute average Frequency		
Max	50.081	22:00:00
Min	49.783	23:30:00

No. of excursion above 50.03 Hz	94
No. of excursion below 49.97 Hz	130
No. of excursion above 50.00 Hz	130
No. of excursion below 50.00 Hz	128

Average time freq remains below 49.97 per excursion	0:05:23	Average time frequency remains above 50.03 per excursion	0:02:53
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