

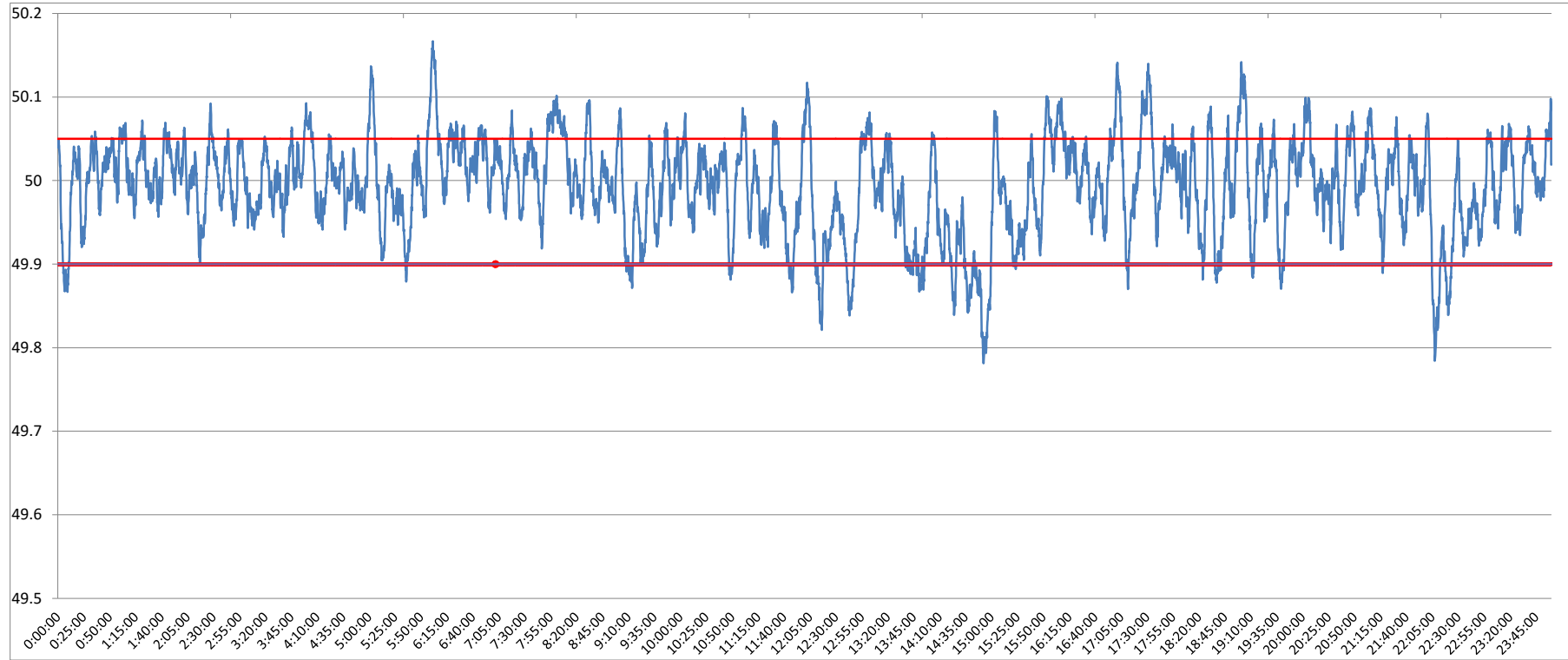


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

12-May-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	7.20	31.72	0.20	7.00	44.58	46.50	1.71	77.82	100.00	41.31	13.32	48.15	26.97	14.98	0.00

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.034</b>	<b>Standard Deviation :</b>	<b>0.057</b>
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency	
Max	50.17 6:01:30
Min	49.78 14:52:30

15 minute average Frequency	
Max	50.061 6:15:00
Min	49.846 15:00:00

No. of excursion above 50.03 Hz	158
No. of excursion below 49.97 Hz	149
No. of excursion above 50.00 Hz	166
No. of excursion below 50.00 Hz	163

Average time freq remains below 49.97 per excursion	0:03:04	Average time frequency remains above 50.03 per excursion	0:02:27
---	---------	--	---------