

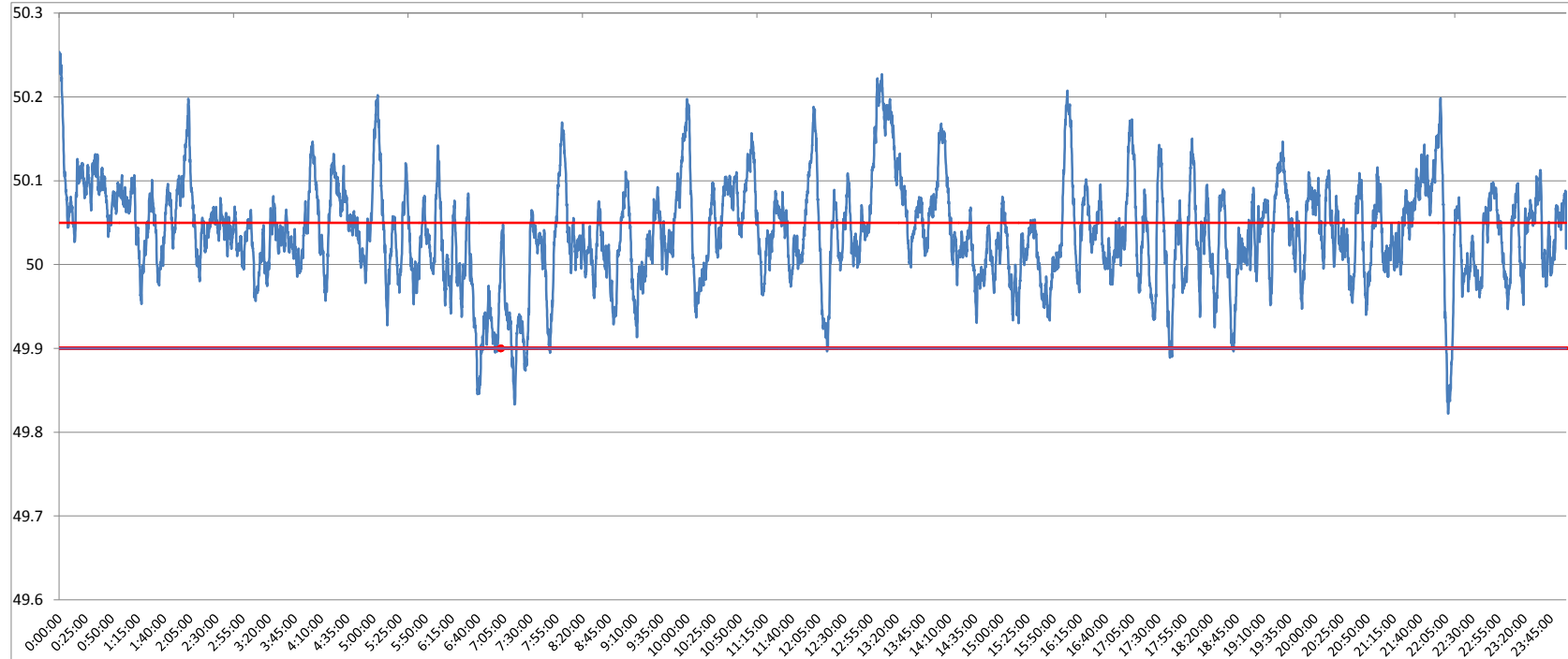


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

01-Feb-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	1.46	10.68	0.00	1.46	22.64	63.06	12.29	57.75	99.44	33.80	28.04	75.86	55.52	40.79	0.56

<b>Average Frequency</b>	<b>50.04</b>	<b>Frequency Variation Index :</b>	<b>0.050</b>	<b>Standard Deviation :</b>	<b>0.060</b>
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		
Max	50.25	0:00:00
Min	49.82	22:07:00

15 minute average Frequency		
Max	50.190	13:15:00
Min	49.914	7:30:00

No. of excursion above 50.03 Hz	160
No. of excursion below 49.97 Hz	59
No. of excursion above 50.00 Hz	132
No. of excursion below 50.00 Hz	131

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:02:36</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:05:00</b>
--	----------------	---	----------------