

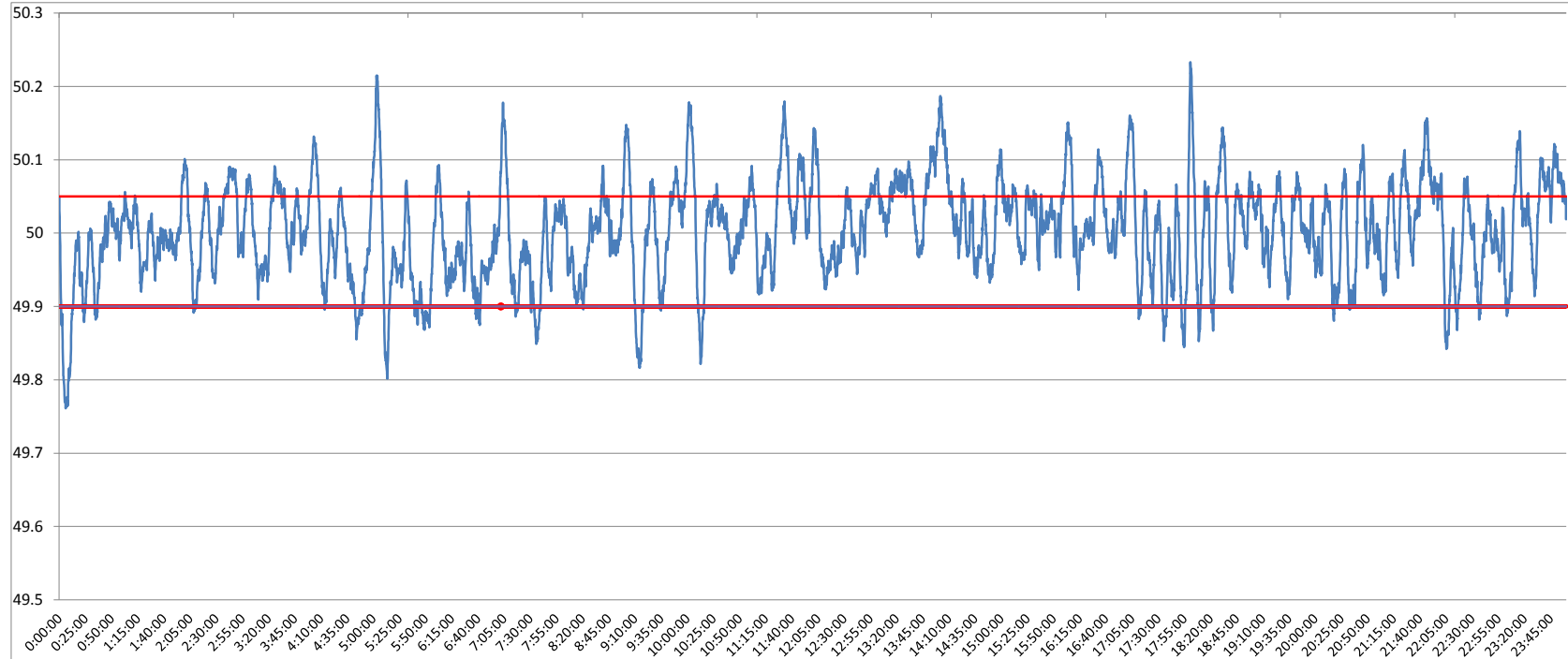


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

01-Nov-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	6.64	30.42	0.34	6.31	41.06	45.87	6.22	69.22	99.79	34.06	17.74	52.25	35.52	24.13	0.21

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.045</b>	<b>Standard Deviation :</b>	<b>0.067</b>
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		
Max	50.23	18:00:50
Min	49.76	0:06:10

15 minute average Frequency			
Max	50.099	14:15:00	
Min	49.852	0:15:00	

No. of excursion above 50.03 Hz	115
No. of excursion below 49.97 Hz	111
No. of excursion above 50.00 Hz	141
No. of excursion below 50.00 Hz	141

Average time freq remains below 49.97 per excursion	0:03:57	Average time frequency remains above 50.03 per excursion	0:04:27
---	---------	--	---------