

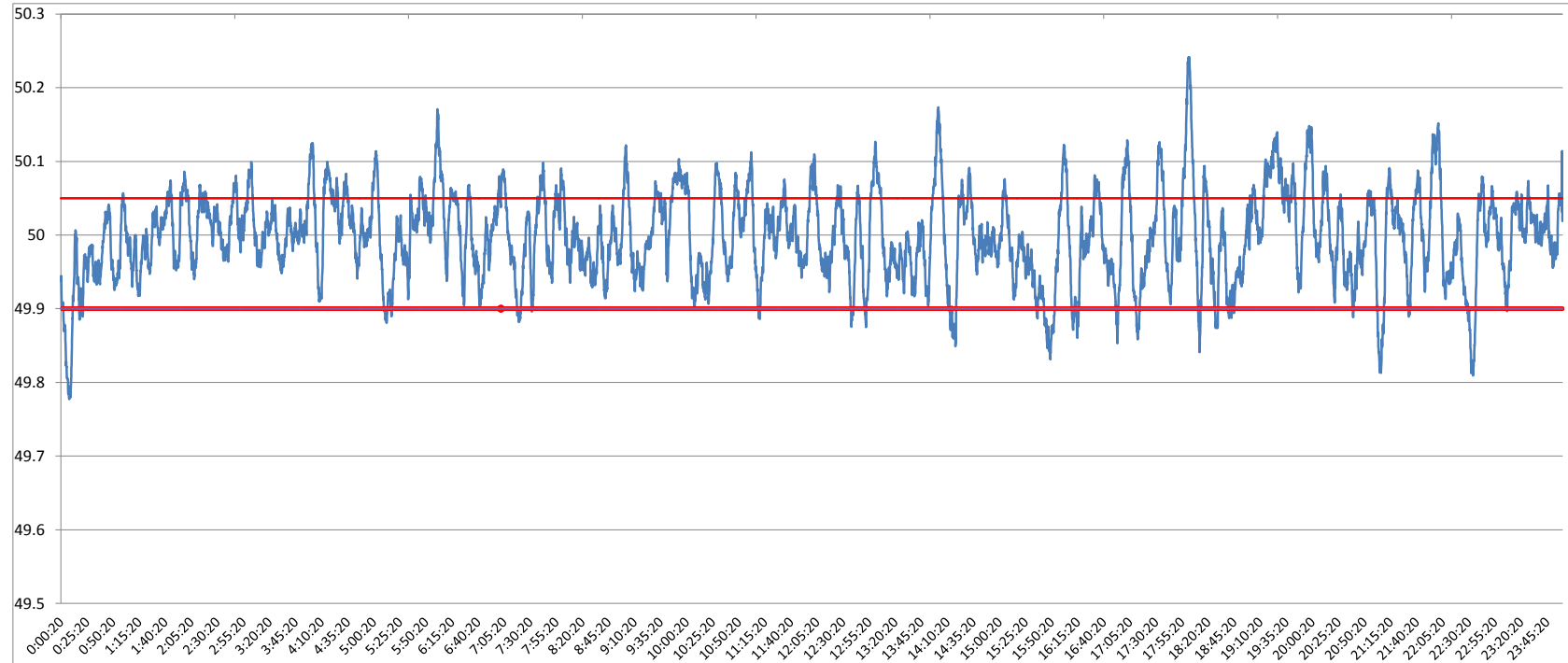


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

18-Feb-17



<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	5.43	32.27	0.21	5.22	46.11	44.58	3.66	74.94	99.78	37.33	15.81	48.39	30.41	19.63	0.22

<b>Average Frequency</b>	<b>50.00</b>	<b>Frequency Variation Index :</b>	<b>0.037</b>	<b>Standard Deviation :</b>	<b>0.061</b>
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz		No. of excursion below 49.97 Hz	
Max	50.24 18:02:10	Max	50.100 19:30:00	134		149	
Min	49.78 0:08:10	Min	49.872 0:15:00	149		149	

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:07</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:03:16</b>
--	----------------	---	----------------