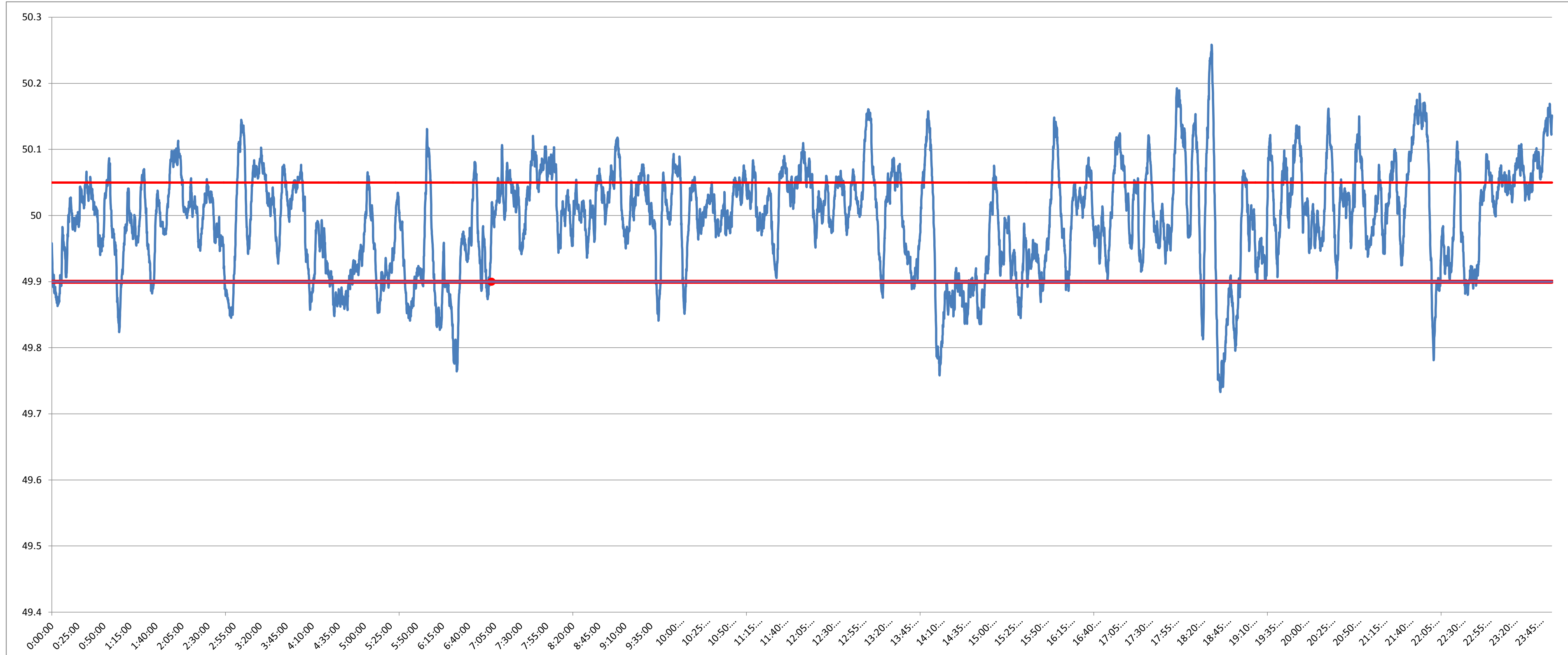




POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for 09-Mar-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	13.29	34.69	1.13	12.15	34.38	45.51	6.59	61.62	99.76	29.59	18.29	52.31	35.72	25.09	0.24

Average Frequency	50.00	Frequency Variation Index :	0.061	Standard Deviation :	0.078
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		
MAX	50.26	18:33:10
Min	49.73	18:41:30

15 minute average Frequency			
Max	50.147	22:00:00	
Min	49.849	19:00:00	

No. of excursion above 50.03 Hz	123
No. of excursion below 49.97 Hz	99
No. of excursion above 50.00 Hz	123
No. of excursion below 50.00 Hz	122

Average time freq remains below 49.97 per excursion	0:05:03	Average time frequency remains above 50.03 per excursion	0:04:11
--	----------------	---	----------------