

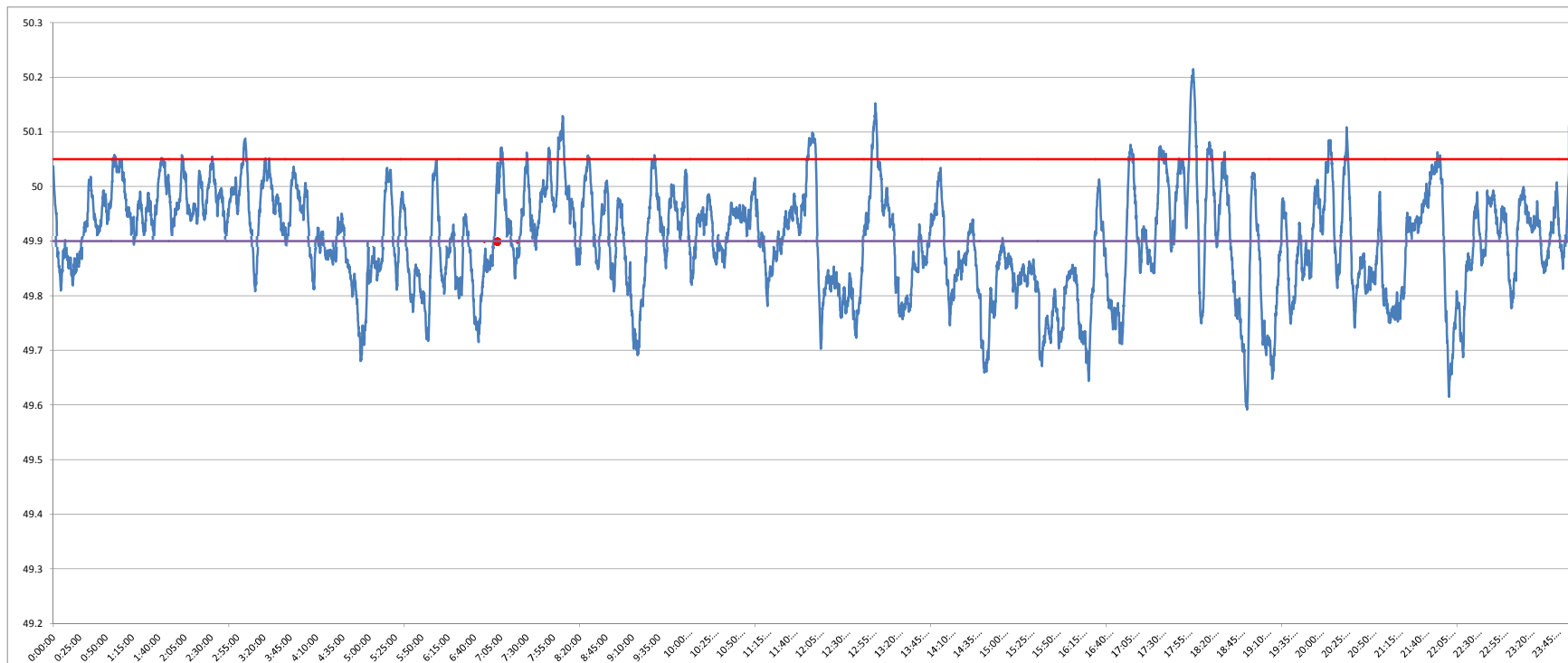


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

21-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	1.98	46.79	75.41	13.44	31.38	38.26	14.17	0.69	48.98	97.94	16.22	3.47	14.87	8.38	4.22	0.08

Average Frequency	49.90	Frequency Variation Index :	0.188	Standard Deviation :	0.095
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		
MAX	50.22	18:02:50
Min	49.59	18:53:50

15 minute average Frequency		
Max	50.021	22:00:00
Min	49.744	22:15:00

No. of excursion above 50.03 Hz	50
No. of excursion below 49.97 Hz	91
No. of excursion above 50.00 Hz	56
No. of excursion below 50.00 Hz	56

Average time freq remains below 49.97 per excursion	0:11:56	Average time frequency remains above 50.03 per excursion	0:02:25
--	----------------	---	----------------