

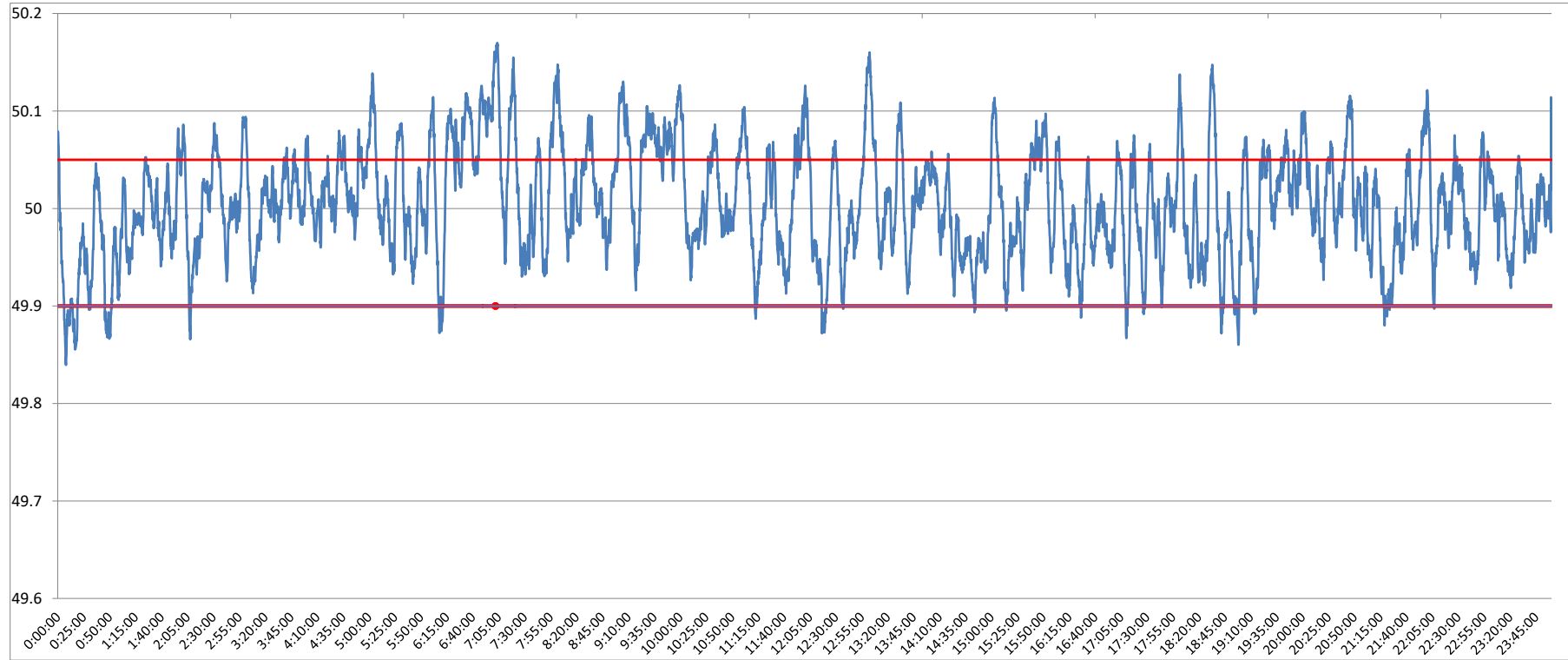


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

01-Apr-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	3.15	27.99	0.00	3.15	44.93	47.05	4.87	74.38	100.00	38.55	17.67	51.86	33.46	22.48	0.00

Average Frequency	50.01	Frequency Variation Index :	0.032	Standard Deviation :	0.056
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency	
Max	50.17 7:03:40
Min	49.84 0:07:50

15 minute average Frequency	
Max	50.099 7:00:00
Min	49.915 1:00:00

No. of excursion above 50.03 Hz	122
No. of excursion below 49.97 Hz	127
No. of excursion above 50.00 Hz	152
No. of excursion below 50.00 Hz	150

Average time freq remains below 49.97 per excursion	0:03:10	Average time frequency remains above 50.03 per excursion	0:03:57
---	---------	--	---------