

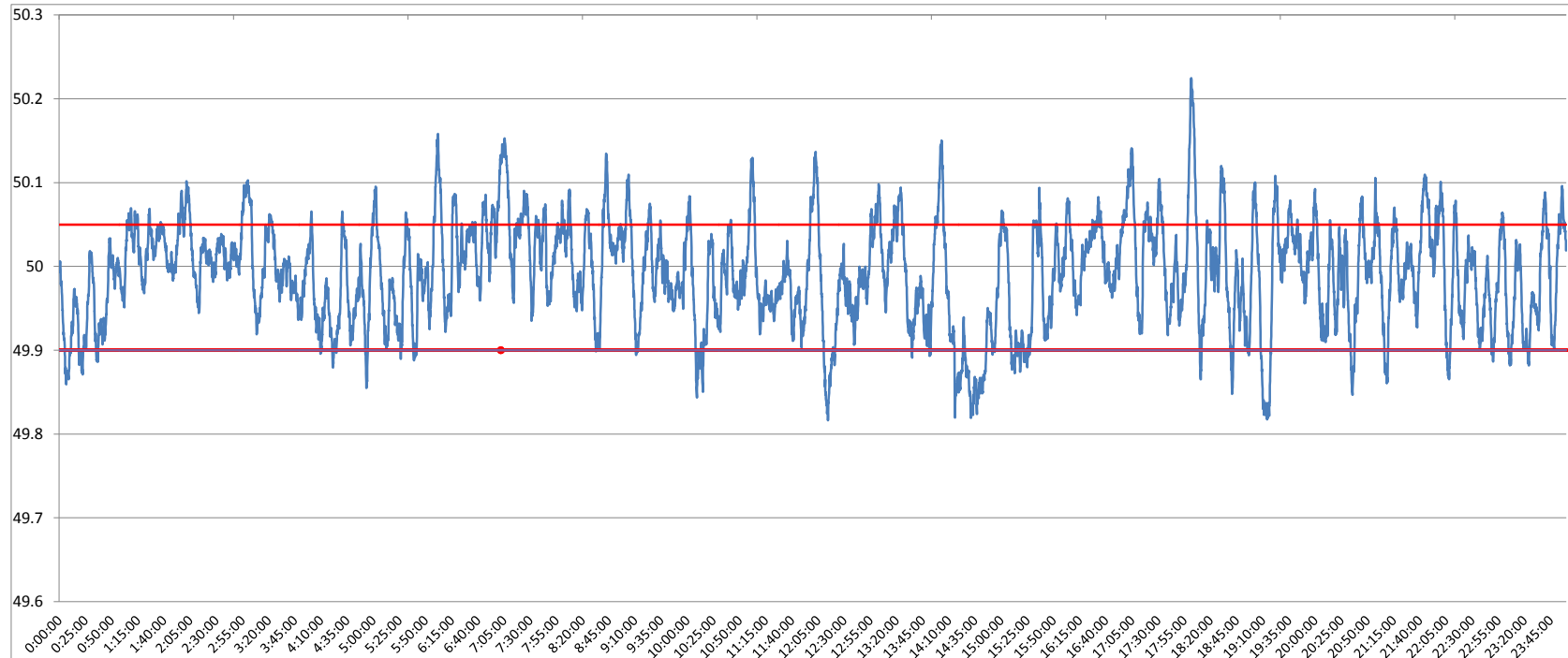


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

08-Apr-16



<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	7.65	36.35	0.00	7.65	46.02	43.48	2.72	75.69	99.87	35.66	13.87	46.28	27.99	16.66	0.13

Average Frequency	49.99	Frequency Variation Index :	0.039	Standard Deviation :	0.062
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency	
Max	50.22 18:01:30
Min	49.82 12:14:30

15 minute average Frequency		
Max	50.080	7:15:00
Min	49.851	14:45:00

No. of excursion above 50.03 Hz	126
No. of excursion below 49.97 Hz	137
No. of excursion above 50.00 Hz	149
No. of excursion below 50.00 Hz	149

Average time freq remains below 49.97 per excursion	0:03:49	Average time frequency remains above 50.03 per excursion	0:03:12
---	---------	--	---------