

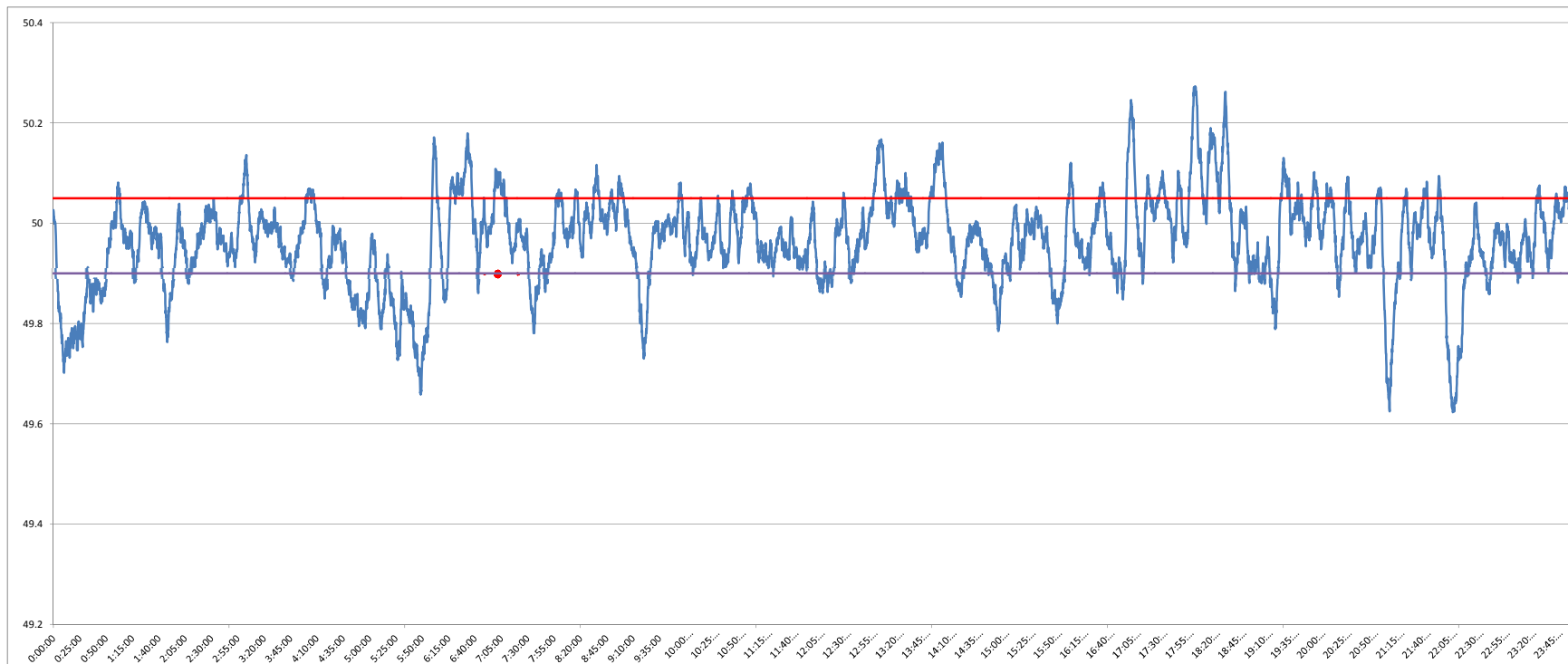


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SOMANAHALLI:Frequency

National Grid Frequency Profile for

22-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	0.93	19.95	48.40	4.35	14.68	44.81	30.29	4.21	64.54	98.34	29.48	10.76	33.65	22.12	15.51	0.73

Average Frequency	49.96	Frequency Variation Index :	0.096	Standard Deviation :	0.091
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		
MAX	50.27	18:03:20
Min	49.62	22:07:50

15 minute average Frequency		
Max	50.140	18:15:00
Min	49.715	22:15:00

No. of excursion above 50.03 Hz	114
No. of excursion below 49.97 Hz	107
No. of excursion above 50.00 Hz	73
No. of excursion below 50.00 Hz	82

Average time freq remains below 49.97 per excursion	0:06:31	Average time frequency remains above 50.03 per excursion	0:02:48
---	---------	--	---------