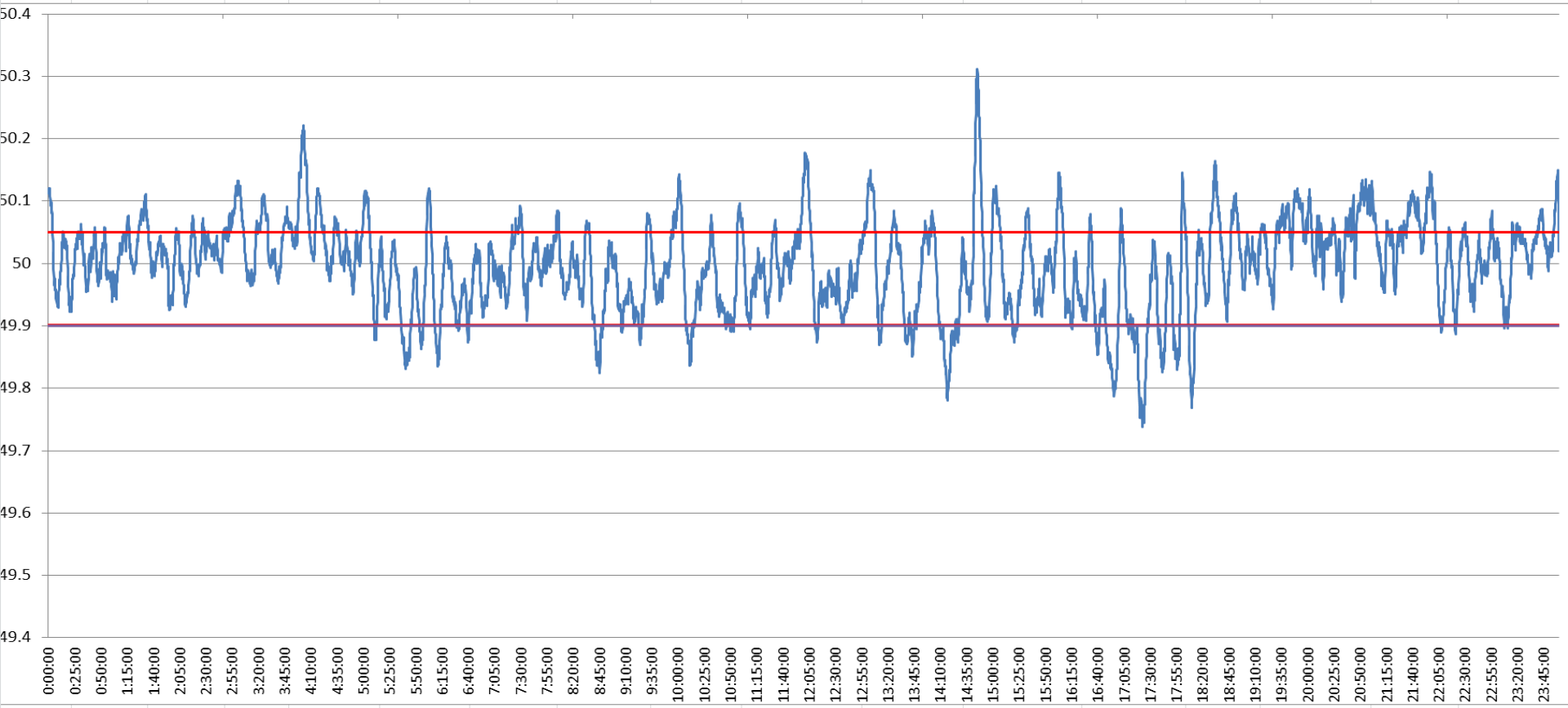
POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SOMANAHALLI:Frequency

National Grid Frequency Profile for 26-Oct-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	9.11	33.61	0.69	8.41	39.98	44.40	6.05	68.29	99.54	32.49	16.59	49.86	33.90	22.60	0.46

Average Frequency	50.00	Frequency Variation Index :	0.052	Standard Deviation :	0.072

Instantaneous Frequency		
Max	50.31	14:45:30
Min	49.74	17:22:40

15 minute average Frequency		
Max	50.103	4:15:00
Min	49.831	17:30:00

No. of excursion above 50.03 Hz	123
No. of excursion below 49.97 Hz	87
No. of excursion above 50.00 Hz	102
No. of excursion below 50.00 Hz	101

Average time freq remains below 49.97 per excursion	0:05:34	Average time frequency remains above 50.03 per excursion	0:03:58