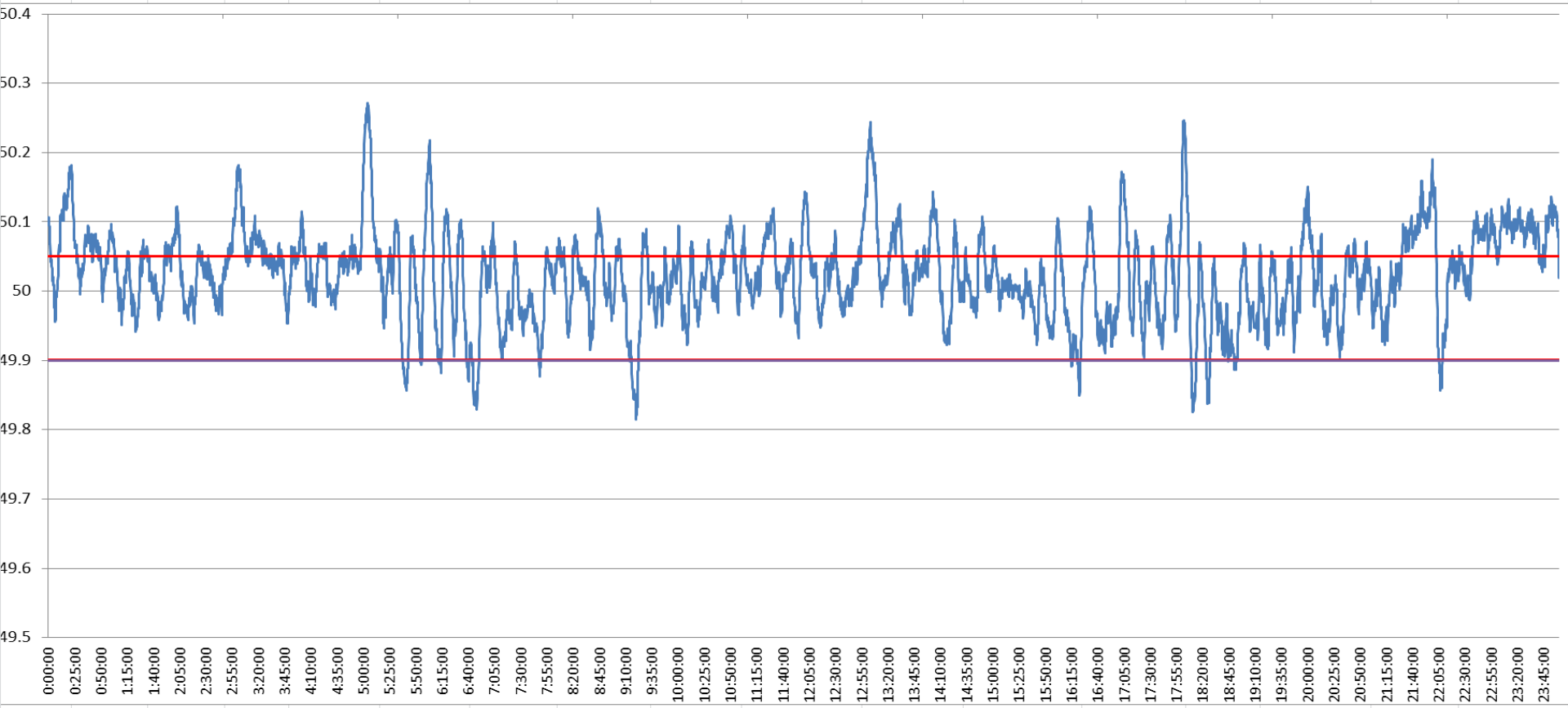
POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SOMANAHALLI:Frequency

National Grid Frequency Profile for 21-Jan-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	2.89	19.76	0.00	2.89	31.08	56.17	8.81	64.32	98.95	33.80	23.76	64.75	46.45	32.79	1.05

Average Frequency	50.02	Frequency Variation Index :	0.047	Standard Deviation :	0.065

Instantaneous Frequency		
Max	50.27	5:04:30
Min	49.82	9:20:20

15 minute average Frequency		
Max	50.163	5:15:00
Min	49.940	9:30:00

No. of excursion above 50.03 Hz	137
No. of excursion below 49.97 Hz	98
No. of excursion above 50.00 Hz	96
No. of excursion below 50.00 Hz	97

Average time freq remains below 49.97 per excursion	0:02:54	Average time frequency remains above 50.03 per excursion	0:04:53