

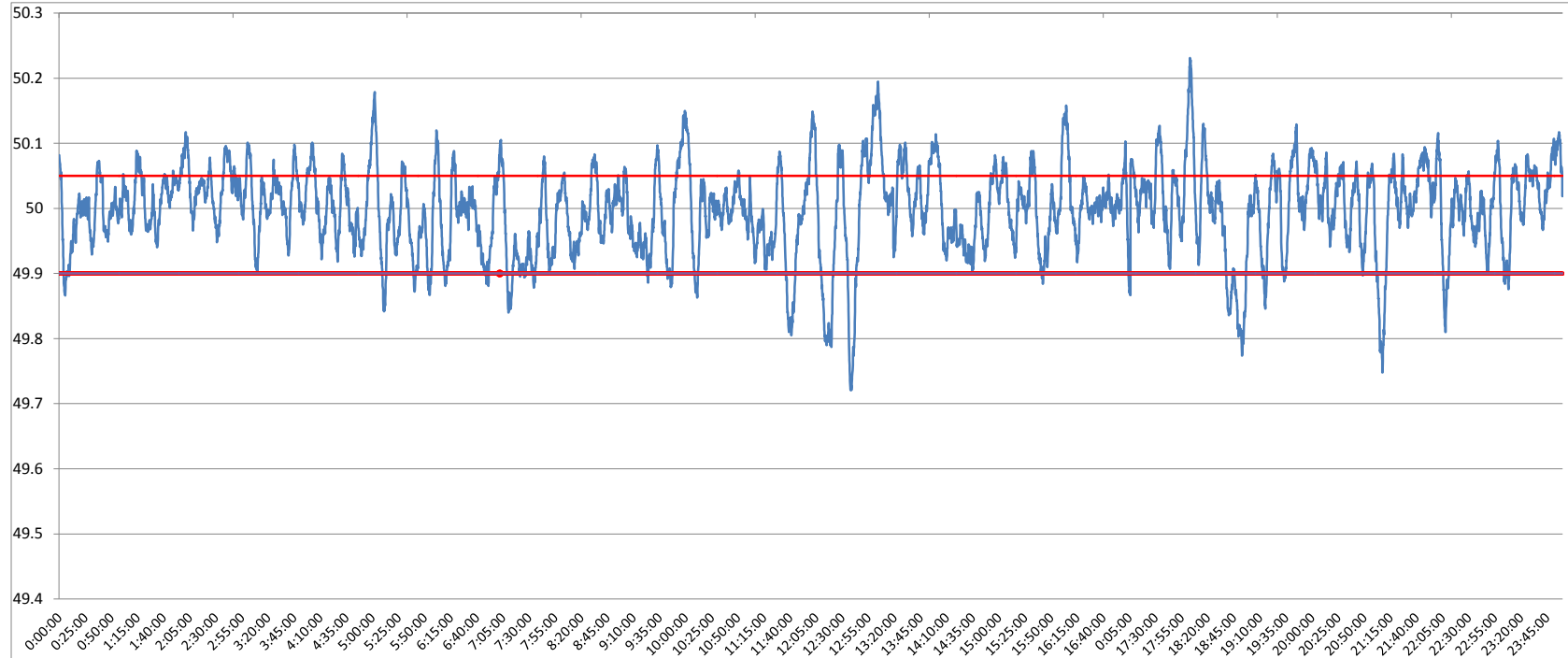


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SOMANAHALLI:Frequency

National Grid Frequency Profile for

22-Feb-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	7.27	30.42	0.93	6.34	40.13	48.51	3.96	72.33	99.86	38.25	16.91	51.37	31.33	20.41	0.14

Average Frequency	50.00	Frequency Variation Index :	0.045	Standard Deviation :	0.067
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Instantaneous Frequency		
Max	50.23	18:03:10
Min	49.72	12:37:50

15 minute average Frequency		
Max	50.092	13:15:00
Min	49.861	19:00:00

No. of excursion above 50.03 Hz	111
No. of excursion below 49.97 Hz	100
No. of excursion above 50.00 Hz	119
No. of excursion below 50.00 Hz	118

Average time freq remains below 49.97 per excursion	0:04:23	Average time frequency remains above 50.03 per excursion	0:04:04
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