

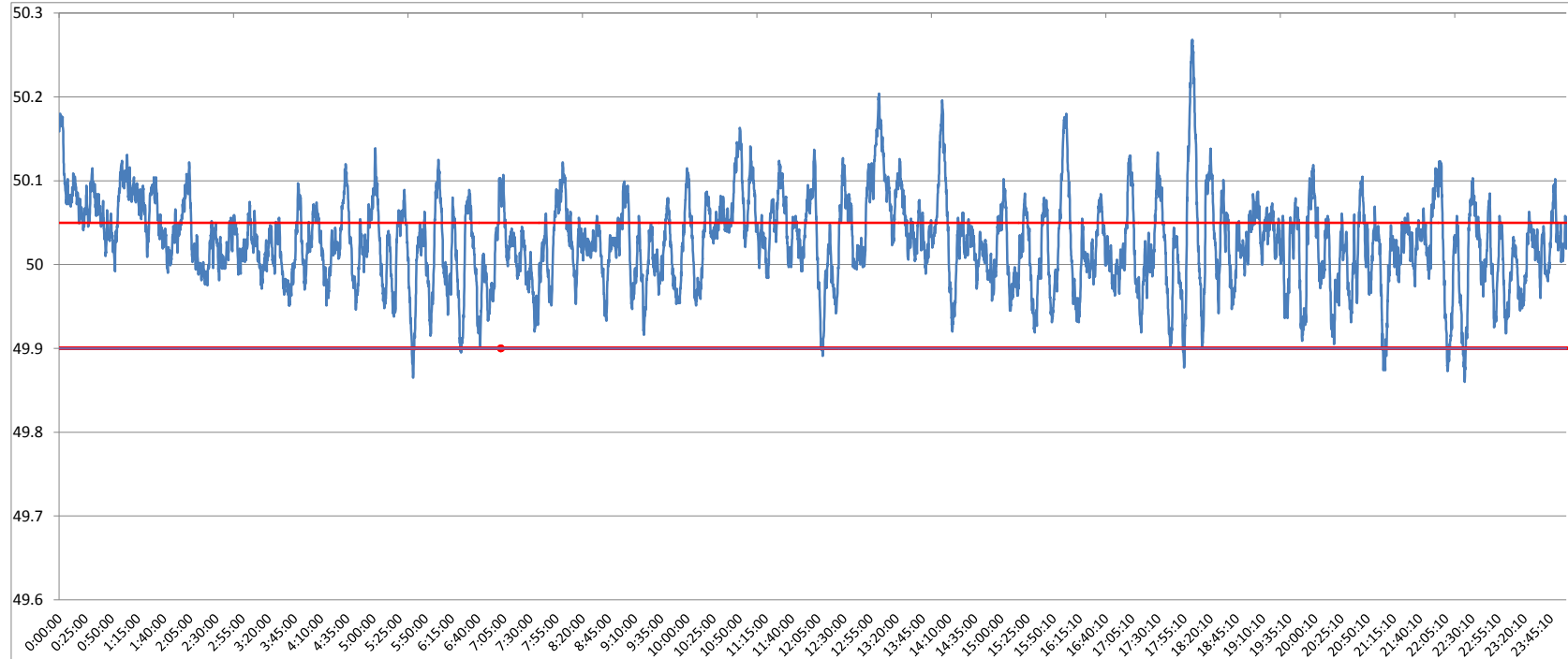


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SOMANAHALLI:Frequency

National Grid Frequency Profile for

11-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	0.90	13.14	0.00	0.90	27.74	63.84	7.19	68.61	99.68	39.40	24.06	70.22	47.47	30.49	0.32

Average Frequency	50.03	Frequency Variation Index :	0.035	Standard Deviation :	0.053
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Instantaneous Frequency		
Max	50.27	18:02:30
Min	49.86	22:23:00

15 minute average Frequency		
Max	50.127	13:15:00
Min	49.970	21:15:00

No. of excursion above 50.03 Hz	185
No. of excursion below 49.97 Hz	76
No. of excursion above 50.00 Hz	114
No. of excursion below 50.00 Hz	109

Average time freq remains below 49.97 per excursion	0:02:29	Average time frequency remains above 50.03 per excursion	0:03:42
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