

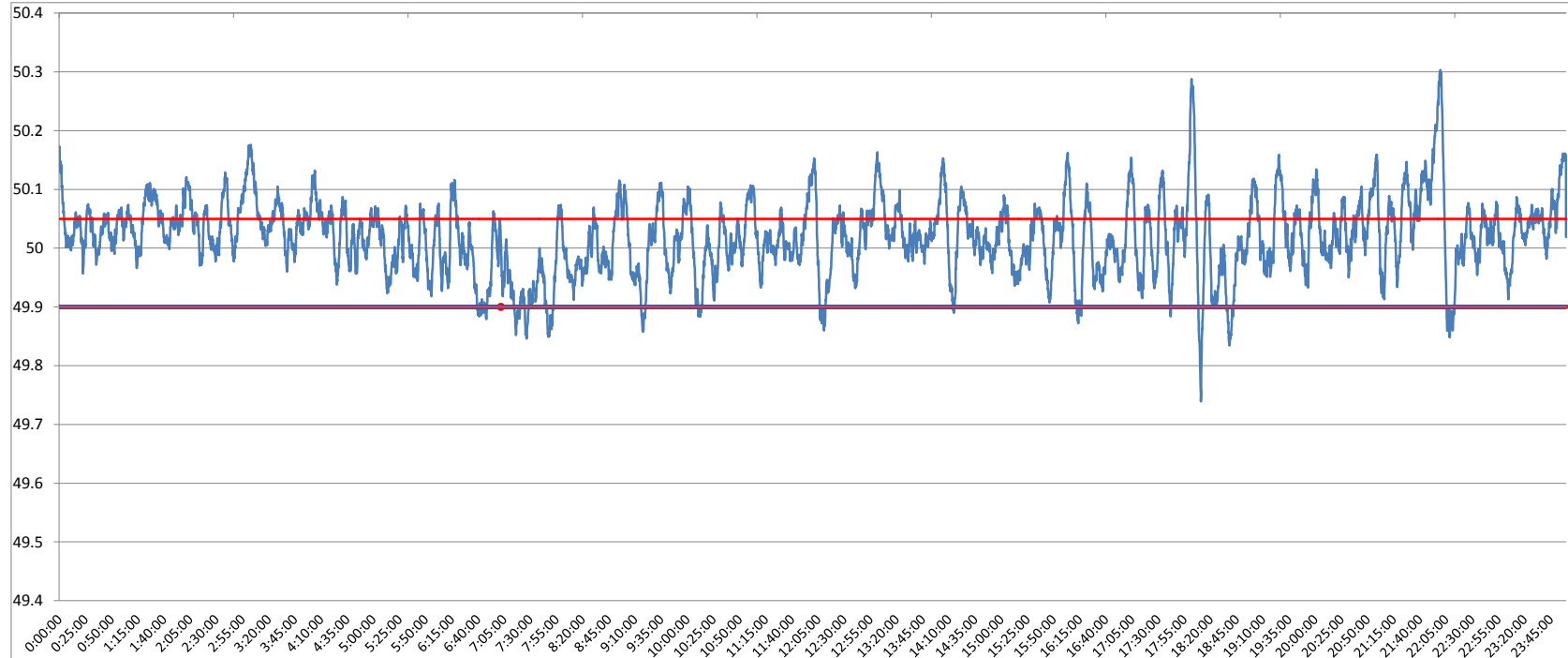


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SOMANAHALLI:Frequency

National Grid Frequency Profile for

11-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	4.07	20.12	0.08	3.99	32.08	54.78	8.28	66.27	99.21	36.77	21.33	62.71	43.11	29.65	0.79

Average Frequency	50.02	Frequency Variation Index :	0.044	Standard Deviation :	0.064
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Instantaneous Frequency	
Max	50.3 21:59:40
Min	49.74 18:10:50

15 minute average Frequency		
Max	50.168	22:00:00
Min	49.892	7:30:00

No. of excursion above 50.03 Hz	128
No. of excursion below 49.97 Hz	75
No. of excursion above 50.00 Hz	113
No. of excursion below 50.00 Hz	97

Average time freq remains below 49.97 per excursion	0:03:52	Average time frequency remains above 50.03 per excursion	0:04:51
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