

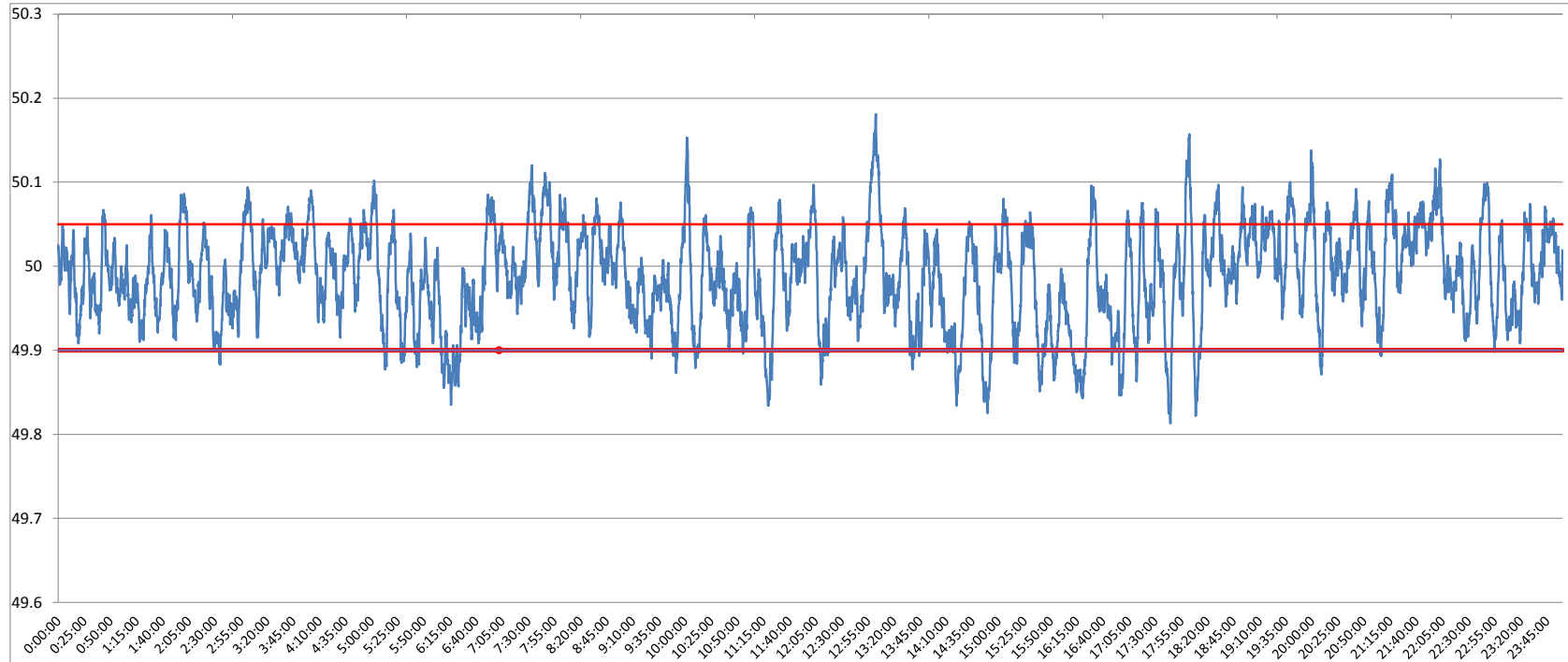


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SOMANAHALLI:Frequency

National Grid Frequency Profile for

13-Oct-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	7.21	36.44	0.00	7.21	48.89	42.38	1.52	78.07	100.00	38.29	13.72	42.92	25.28	14.72	0.00

Average Frequency	49.99	Frequency Variation Index :	0.035	Standard Deviation :	0.058
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz		No. of excursion below 49.97 Hz	
Max	50.18	13:02:30	Max	50.057	22:00:00	120	
Min	49.81	17:44:30	Min	49.904	17:00:00	143	
						No. of excursion above 50.00 Hz	
						124	
						No. of excursion below 50.00 Hz	
						124	

Average time freq remains below 49.97 per excursion	0:03:40	Average time frequency remains above 50.03 per excursion	0:03:02
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