

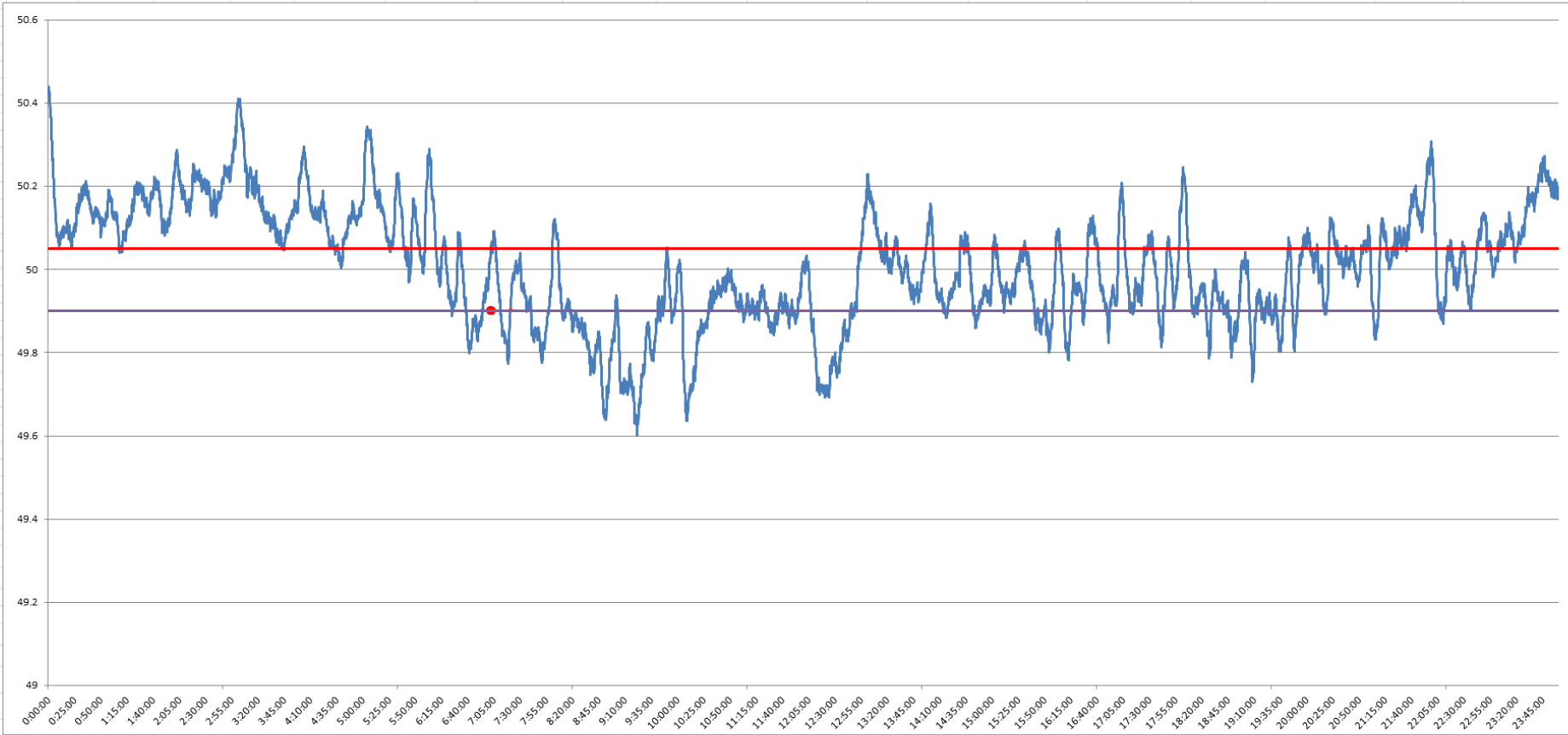


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SOMANAHALLI:Frequency

National Grid Frequency Profile for

29-Dec-14



<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	1.13	21.79	41.96	4.88	15.78	25.65	25.08	19.73	37.36	91.12	12.41	13.89	51.97	45.64	40.84	7.74

Average Frequency	50.01	Frequency Variation Index :	0.191	Standard Deviation :	0.138
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	
MAX	50.44 0:00:00	Max	50.290 3:15:00	86	
Min	49.60 9:21:40	Min	49.703 9:30:00	35	
				No. of excursion above 50.00 Hz	
				35	

Average time freq remains below 49.97 per excursion	0:17:16	Average time frequency remains above 50.03 per excursion	0:07:38
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