

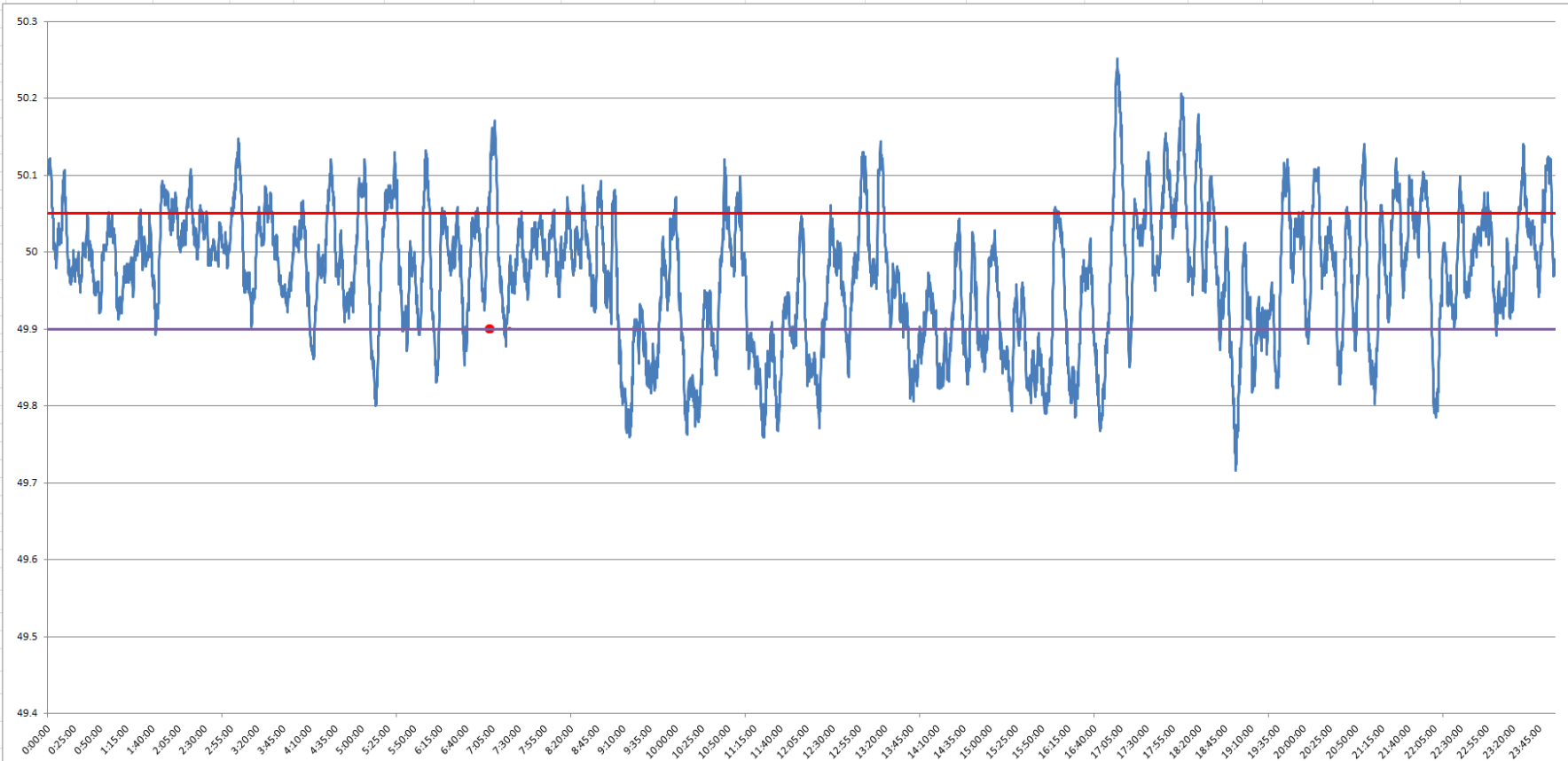


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SOMANAHALLI:Frequency

National Grid Frequency Profile for

19-Mar-15



<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	22.27	44.99	2.20	20.07	37.16	35.19	5.13	60.38	99.75	29.26	12.35	38.90	25.75	17.35	0.25

Average Frequency	49.97	Frequency Variation Index :	0.081	Standard Deviation :	0.085
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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	50.25 17:02:00	Max	50.084 18:00:00	159		80	
Min	49.72 18:55:00	Min	49.826 11:30:00	86		69	

Average time freq remains below 49.97 per excursion	0:08:06	Average time frequency remains above 50.03 per excursion	0:02:20
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