

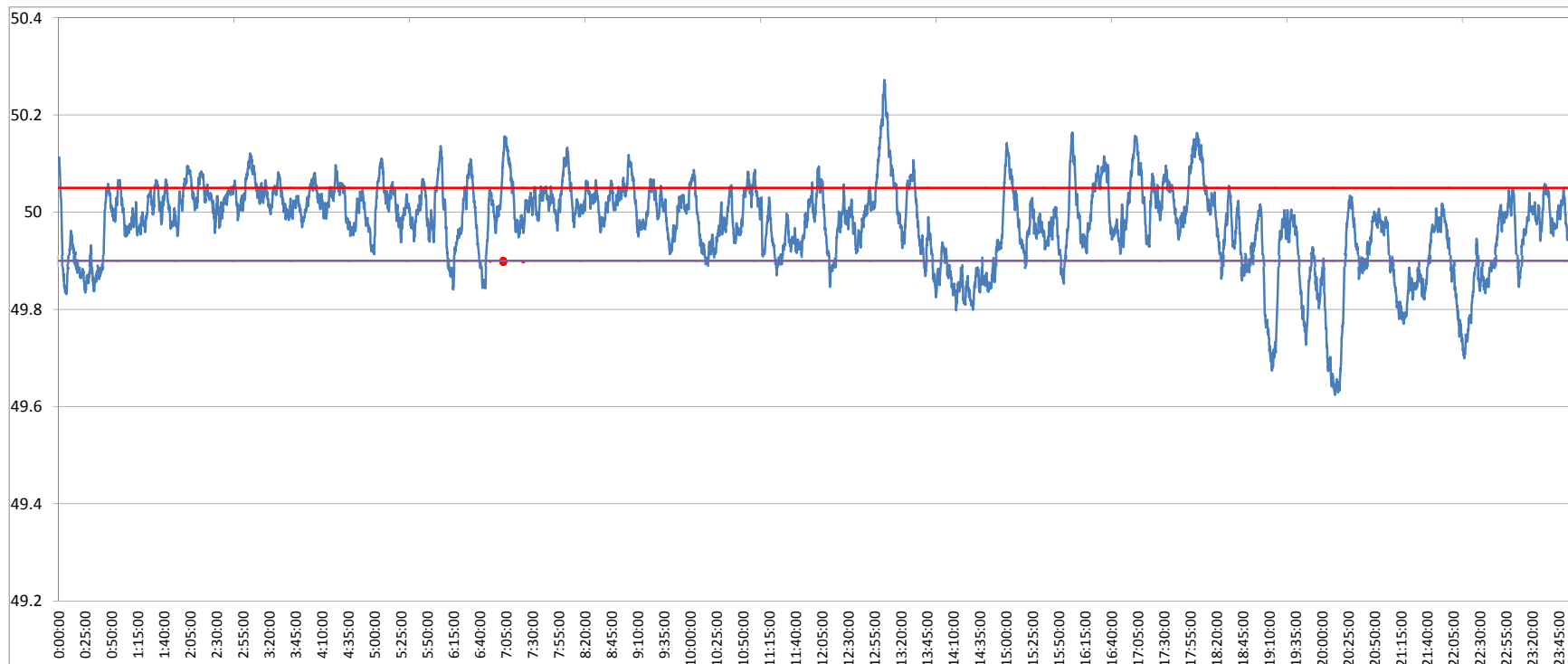


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SOMANAHALLI:Frequency

National Grid Frequency Profile for

12-Aug-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	1.04	18.40	39.93	2.74	14.62	37.40	40.06	3.90	66.31	98.72	34.33	11.72	43.02	25.74	15.29	0.24

Average Frequency	49.97	Frequency Variation Index :	0.082	Standard Deviation :	0.087
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Instantaneous Frequency		
Max	50.27	13:04:10
Min	49.62	20:12:30

15 minute average Frequency		
Max	50.151	13:15:00
Min	49.716	20:15:00

No. of excursion above 50.03 Hz	105
No. of excursion below 49.97 Hz	114
No. of excursion above 50.00 Hz	85
No. of excursion below 50.00 Hz	94

Average time freq remains below 49.97 per excursion	0:05:03	Average time frequency remains above 50.03 per excursion	0:03:32
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