

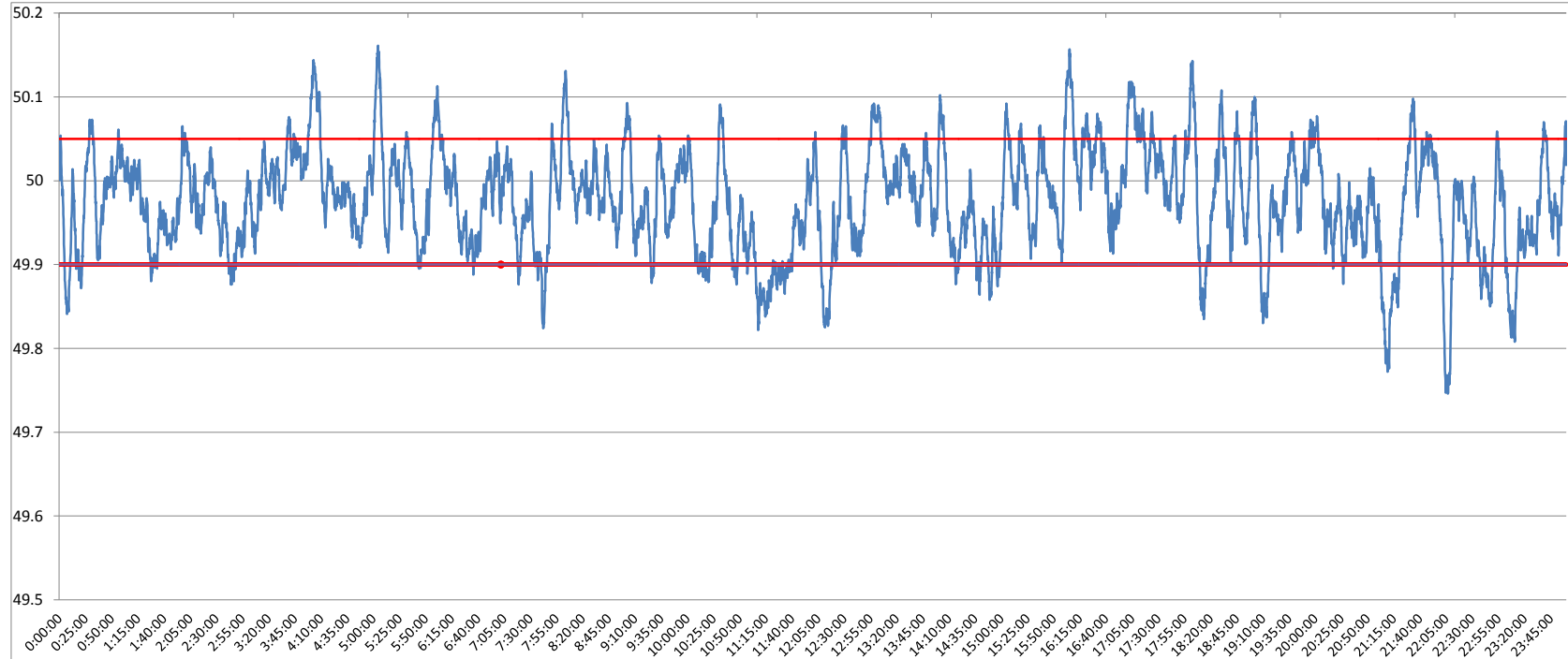


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SOMANAHALLI:Frequency

National Grid Frequency Profile for

28-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	0.00	11.20	45.60	0.64	10.57	51.74	34.97	2.09	77.99	100.00	35.15	9.22	35.89	19.25	10.81	0.00

Average Frequency	49.98	Frequency Variation Index :	0.045	Standard Deviation :	0.063
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Instantaneous Frequency	
Max	50.16 5:04:40
Min	49.75 22:06:50

15 minute average Frequency		
Max	50.083	17:15:00
Min	49.849	21:15:00

No. of excursion above 50.03 Hz	87
No. of excursion below 49.97 Hz	124
No. of excursion above 50.00 Hz	86
No. of excursion below 50.00 Hz	91

Average time freq remains below 49.97 per excursion	0:05:18	Average time frequency remains above 50.03 per excursion	0:03:11
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