

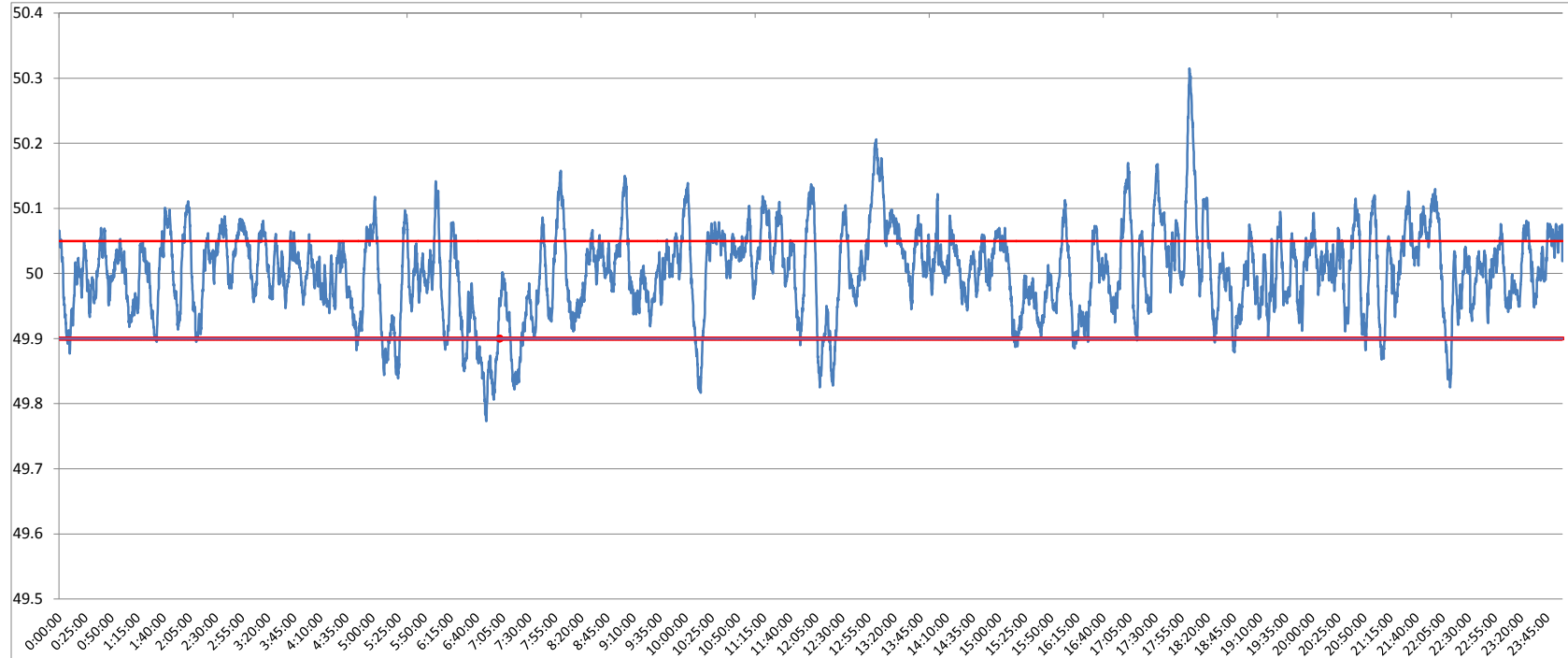


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SOMANAHALLI:Frequency

National Grid Frequency Profile for

29-Jan-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	6.48	30.24	0.13	6.35	39.17	48.60	5.29	70.82	99.54	35.73	17.49	53.15	34.03	22.70	0.46

Average Frequency	50.00	Frequency Variation Index :	0.045	Standard Deviation :	0.067
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Instantaneous Frequency	
Max	50.32 18:02:30
Min	49.77 6:49:00

15 minute average Frequency		
Max	50.140	18:15:00
Min	49.834	7:00:00

No. of excursion above 50.03 Hz	141
No. of excursion below 49.97 Hz	105
No. of excursion above 50.00 Hz	112
No. of excursion below 50.00 Hz	105

Average time freq remains below 49.97 per excursion	0:04:09	Average time frequency remains above 50.03 per excursion	0:03:29
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