

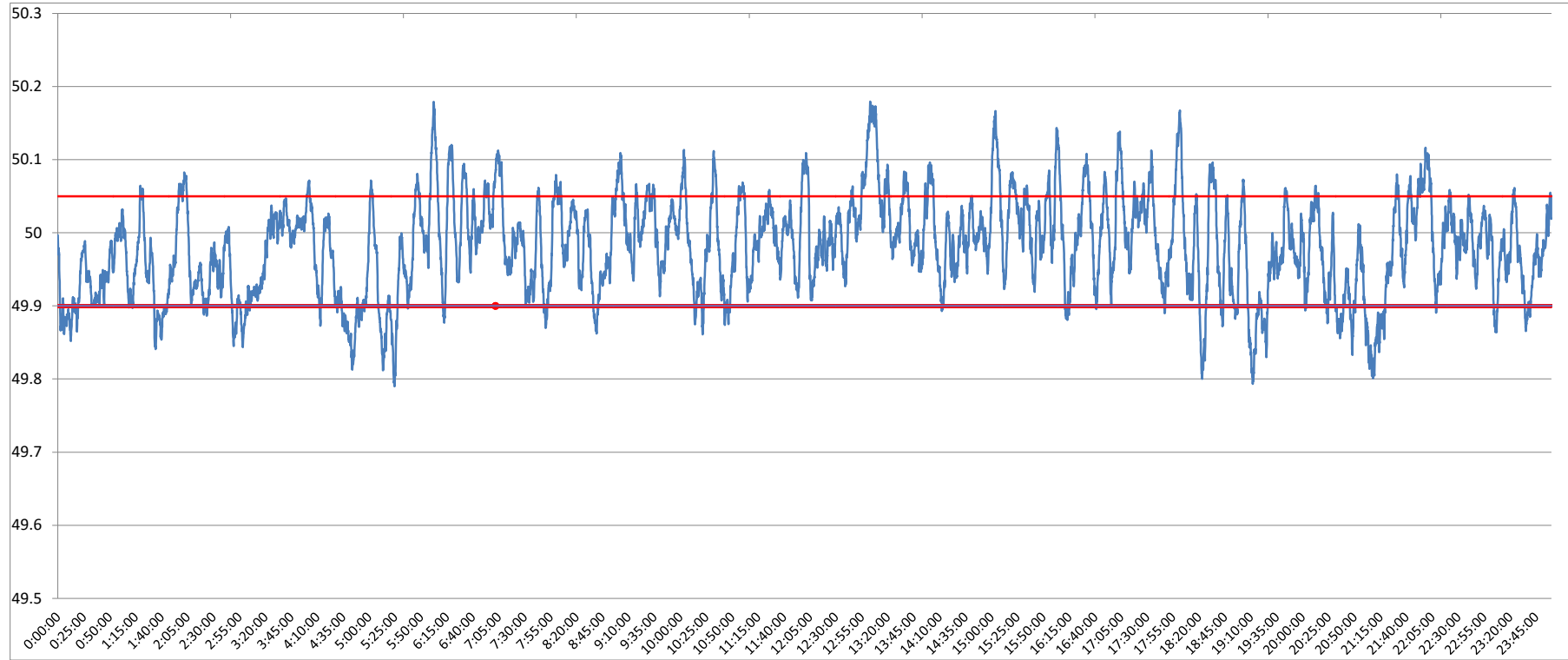


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

10-Apr-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	12.28	42.89	0.10	12.18	48.53	35.96	3.23	72.53	100.00	33.94	12.00	39.05	23.17	15.19	0.00

Average Frequency	49.98	Frequency Variation Index :	0.048	Standard Deviation :	0.067
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Instantaneous Frequency	
Max	50.18 13:03:10
Min	49.79 5:24:40

15 minute average Frequency	
Max	50.120 13:15:00
Min	49.848 21:15:00

No. of excursion above 50.03 Hz	112
No. of excursion below 49.97 Hz	127
No. of excursion above 50.00 Hz	129
No. of excursion below 50.00 Hz	131

Average time freq remains below 49.97 per excursion	0:04:52	Average time frequency remains above 50.03 per excursion	0:02:59
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