

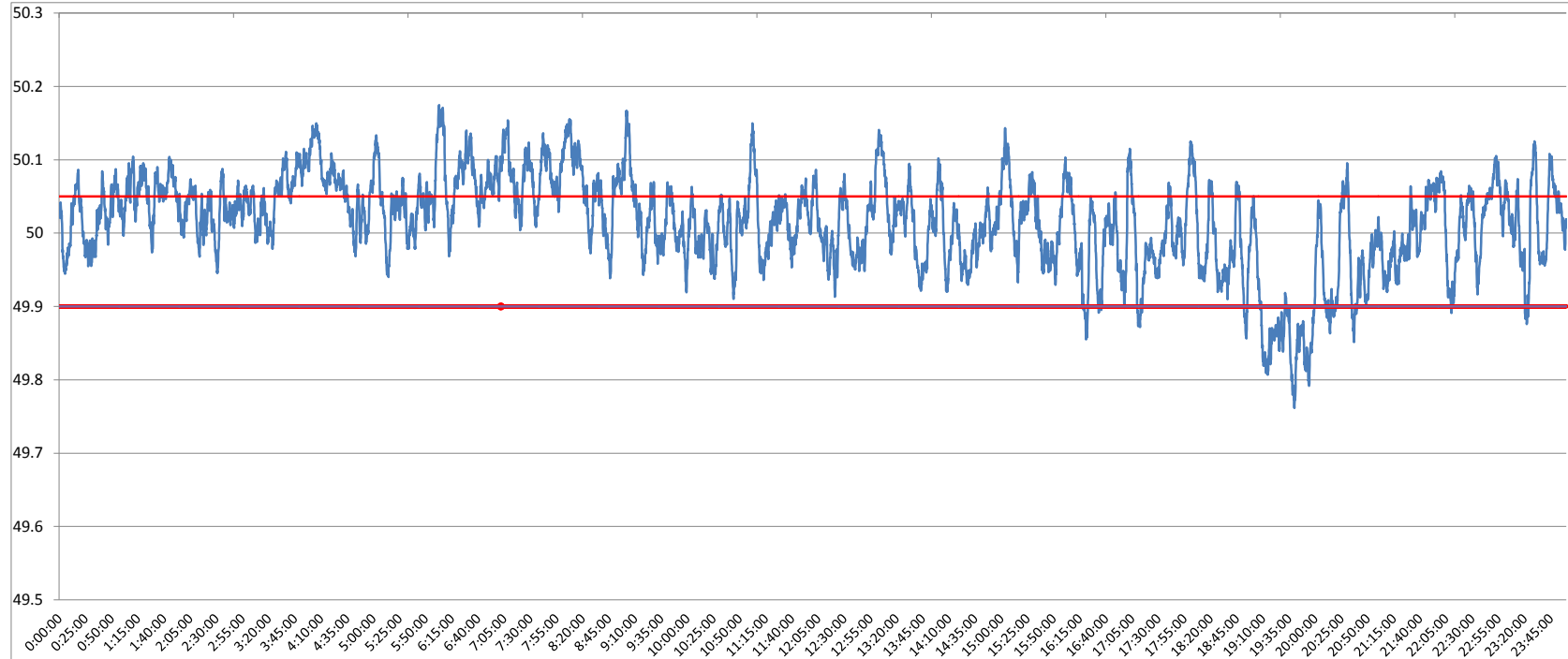


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

14-Jun-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	5.42	21.34	0.29	5.13	31.26	56.37	6.96	63.50	100.00	33.45	24.24	63.21	45.21	31.09	0.00

Average Frequency	50.02	Frequency Variation Index :	0.043	Standard Deviation :	0.064
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Instantaneous Frequency		
Max	50.17	6:02:50
Min	49.76	19:40:00

15 minute average Frequency		
Max	50.119	8:15:00
Min	49.845	19:45:00

No. of excursion above 50.03 Hz	162
No. of excursion below 49.97 Hz	114
No. of excursion above 50.00 Hz	120
No. of excursion below 50.00 Hz	123

Average time freq remains below 49.97 per excursion	0:02:42	Average time frequency remains above 50.03 per excursion	0:04:01
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