

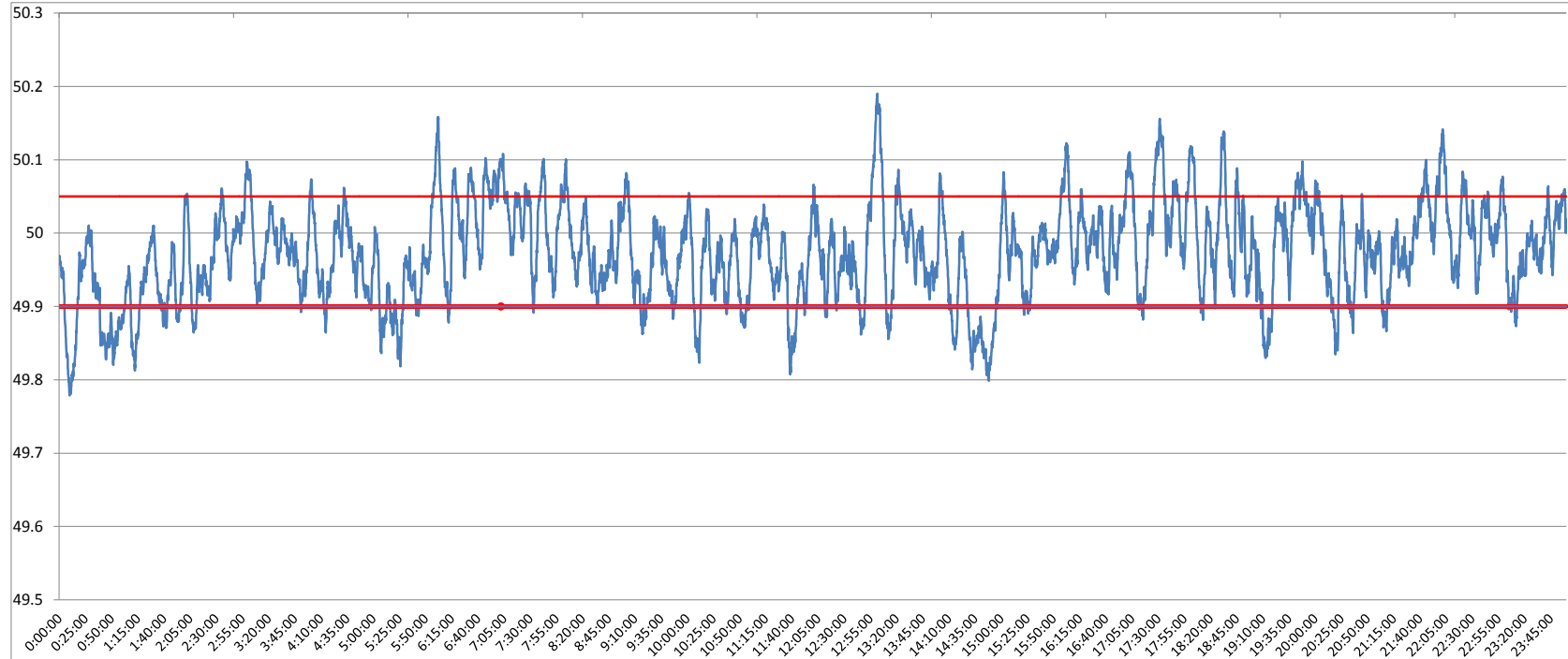


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

07-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	13.61	48.22	0.24	13.37	52.48	31.42	2.49	74.25	100.00	32.69	9.68	33.81	19.10	12.14	0.00

Average Frequency	49.97	Frequency Variation Index :	0.051	Standard Deviation :	0.066
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Instantaneous Frequency	
Max	50.19 13:01:40
Min	49.78 0:09:50

15 minute average Frequency		
Max	50.066	7:00:00
Min	49.850	14:45:00

No. of excursion above 50.03 Hz	85
No. of excursion below 49.97 Hz	136
No. of excursion above 50.00 Hz	140
No. of excursion below 50.00 Hz	139

Average time freq remains below 49.97 per excursion	0:05:06	Average time frequency remains above 50.03 per excursion	0:03:14
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