

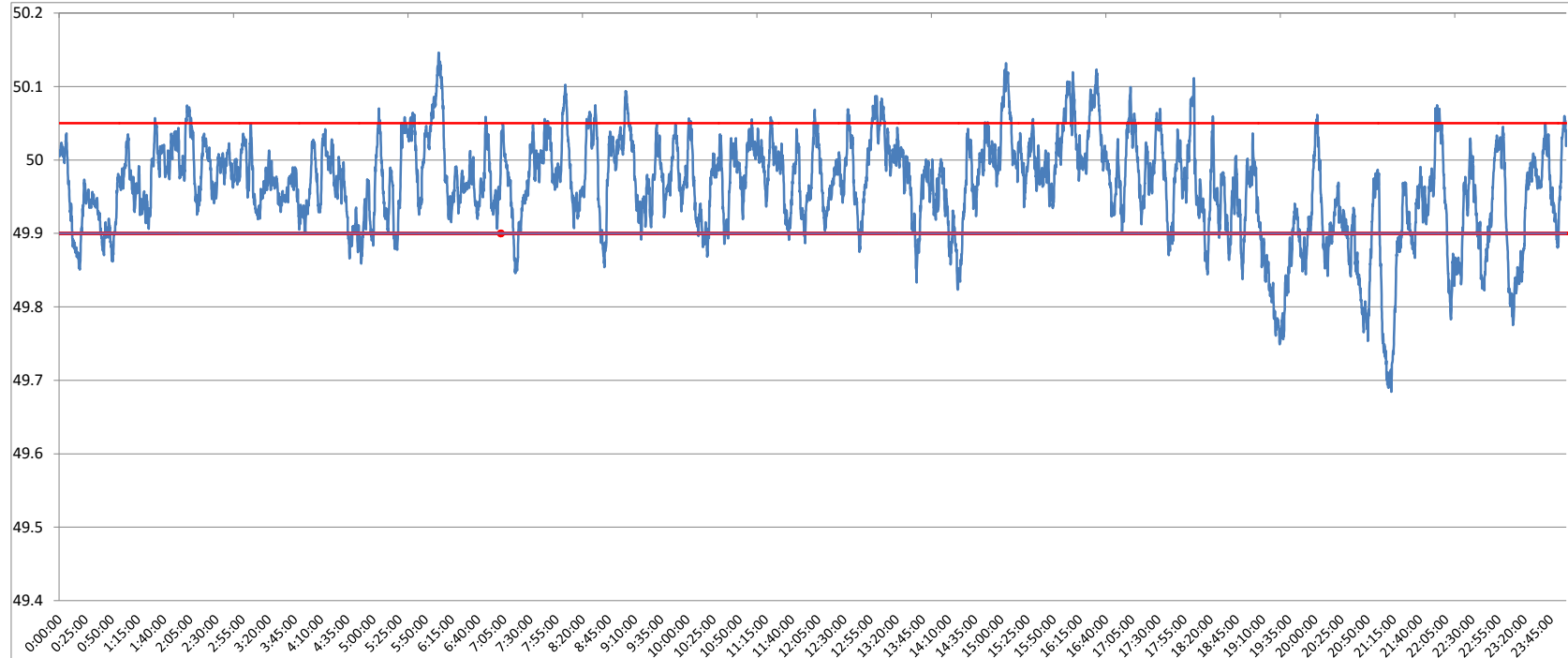


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

13-Aug-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	0.16	15.32	50.02	2.18	12.99	54.50	29.27	0.90	77.86	99.84	35.74	5.96	30.16	14.24	6.82	0.00

Average Frequency	49.96	Frequency Variation Index :	0.057	Standard Deviation :	0.066
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Instantaneous Frequency		
Max	50.15	6:02:30
Min	49.68	21:12:40

15 minute average Frequency		
Max	50.061	15:15:00
Min	49.768	21:15:00

No. of excursion above 50.03 Hz	106
No. of excursion below 49.97 Hz	171
No. of excursion above 50.00 Hz	151
No. of excursion below 50.00 Hz	149

Average time freq remains below 49.97 per excursion	0:04:13	Average time frequency remains above 50.03 per excursion	0:01:56
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