

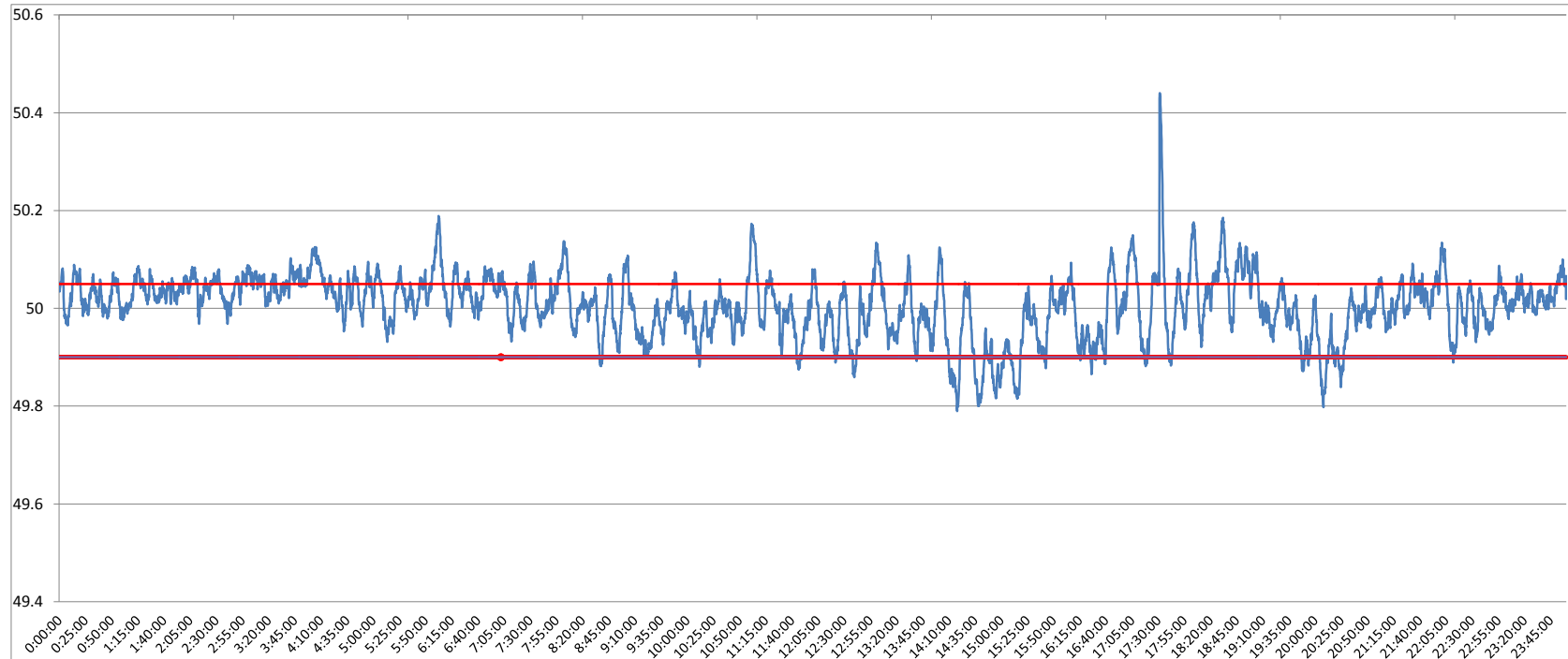


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

18-May-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	5.97	24.72	0.05	5.93	35.68	53.92	4.20	70.02	99.78	37.93	19.69	58.30	37.35	24.00	0.22

Average Frequency	50.01	Frequency Variation Index :	0.041	Standard Deviation :	0.064
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Instantaneous Frequency	
Max	50.44 17:31:30
Min	49.79 14:17:50

15 minute average Frequency		
Max	50.088	4:15:00
Min	49.875	14:45:00

No. of excursion above 50.03 Hz	150
No. of excursion below 49.97 Hz	106
No. of excursion above 50.00 Hz	169
No. of excursion below 50.00 Hz	170

Average time freq remains below 49.97 per excursion	0:03:22	Average time frequency remains above 50.03 per excursion	0:03:35
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