

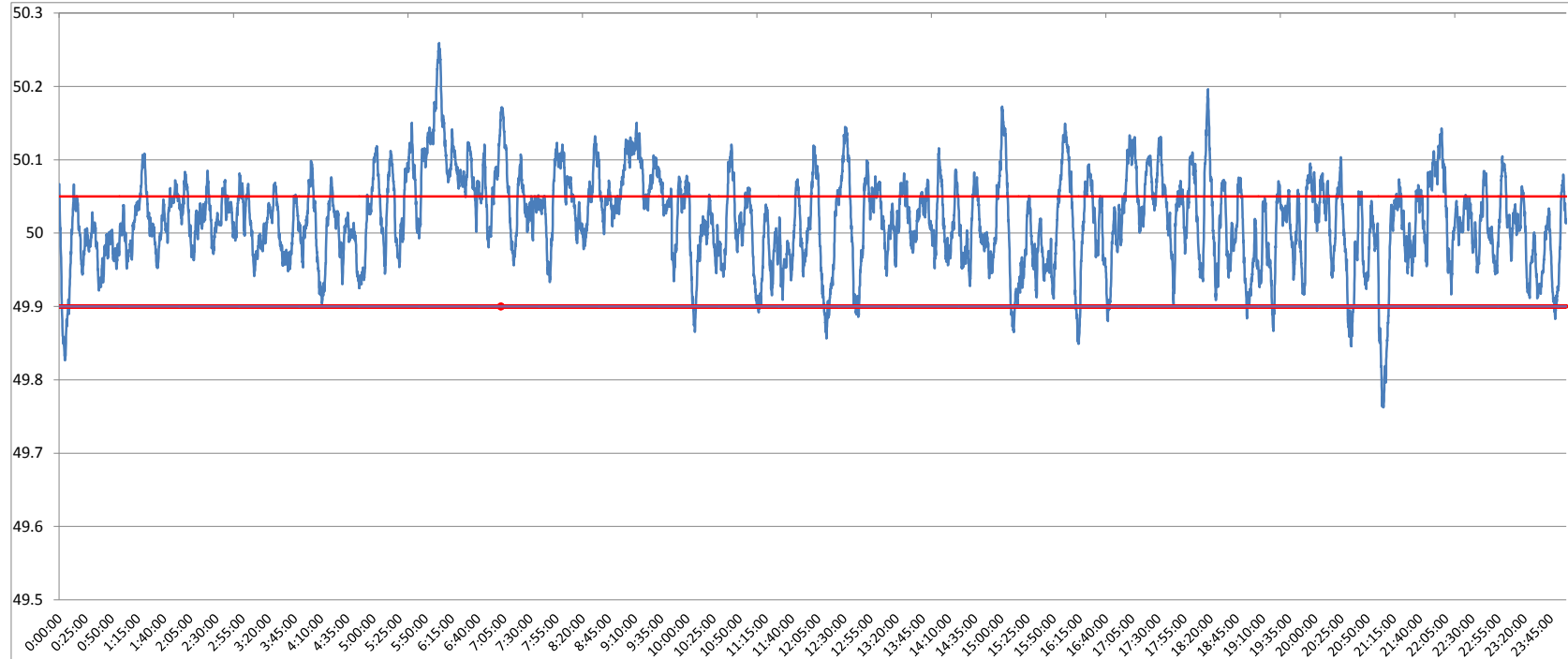


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

20-Mar-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	3.17	21.20	0.22	2.95	34.16	54.21	8.17	67.07	99.71	34.81	21.35	62.63	43.98	29.76	0.29

Average Frequency	50.02	Frequency Variation Index :	0.041	Standard Deviation :	0.061
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Instantaneous Frequency		
Max	50.26	6:02:50
Min	49.76	21:05:20

15 minute average Frequency		
Max	50.151	6:15:00
Min	49.885	21:15:00

No. of excursion above 50.03 Hz	145
No. of excursion below 49.97 Hz	125
No. of excursion above 50.00 Hz	148
No. of excursion below 50.00 Hz	148

Average time freq remains below 49.97 per excursion	0:02:27	Average time frequency remains above 50.03 per excursion	0:04:22
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