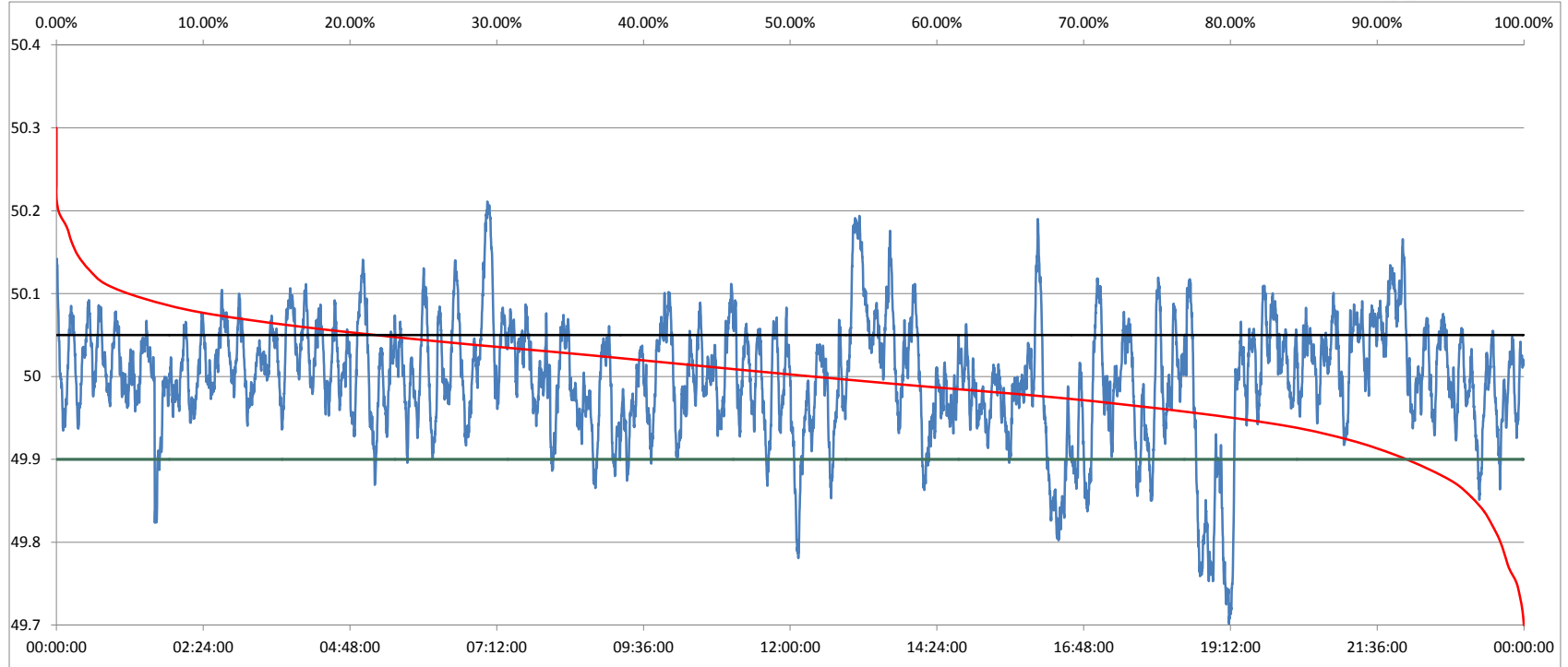


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



DURGAPUR:Frequency

National Grid Frequency Profile for 14-Mar-16



<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
0.00	7.94	29.24	1.56	6.38	41.04	46.12	4.79	70.32	99.90	37.00	16.91	50.98	33.76	21.74	0.10

Average Frequency	50.00	Frequency Variation Index :	0.050	Standard Deviation :	0.070
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Instantaneous Frequency		
Max	50.21	7:02:50
Min	49.70	19:10:40

15 minute average Frequency		
Max	50.150	13:15:00
Min	49.784	19:15:00

No. of excursion above 50.03 Hz	144
No. of excursion below 49.97 Hz	141
No. of excursion above 50.00 Hz	153
No. of excursion below 50.00 Hz	154

Average time freq remains below 49.97 per excursion	0:02:59	Average time frequency remains above 50.03 per excursion	0:03:23
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