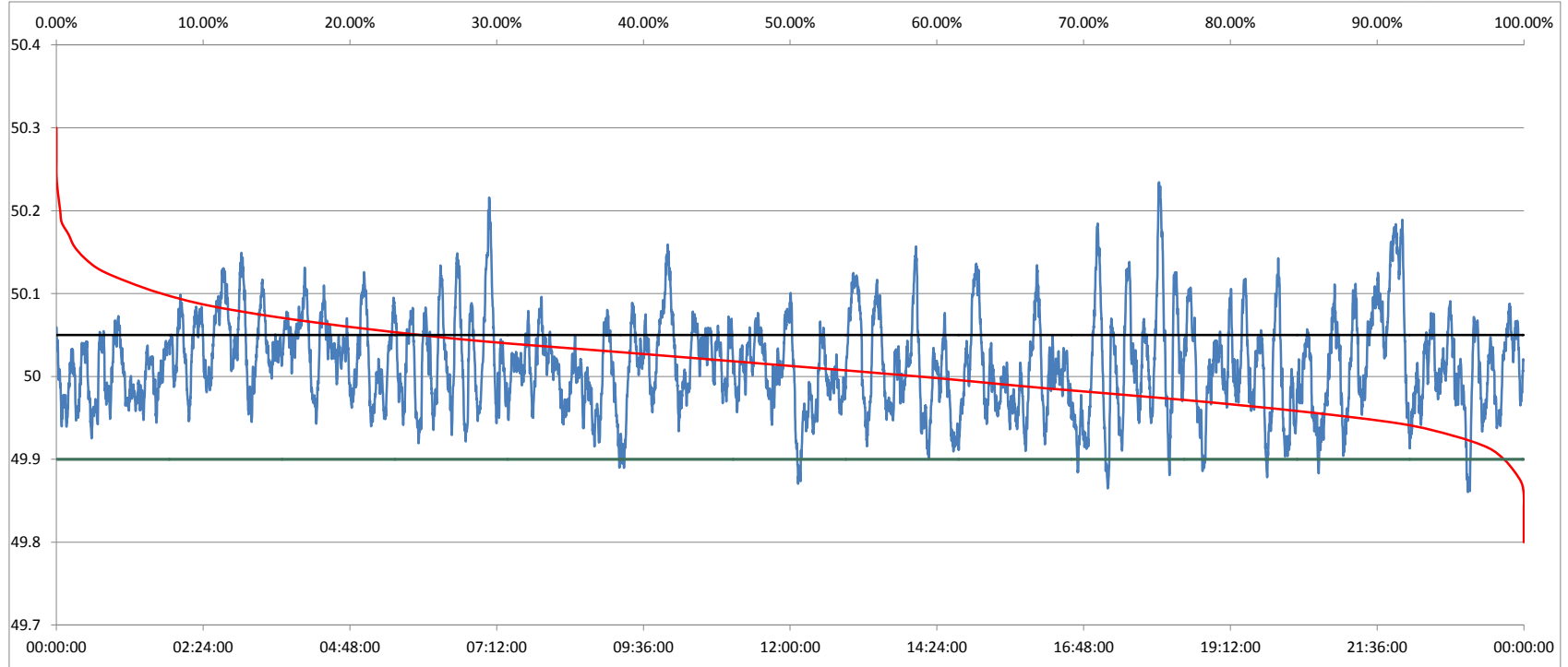


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



HISSAR:Frequency

National Grid Frequency Profile for 13-Feb-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	1.34	22.08	0.00	1.34	39.84	51.63	6.93	73.76	99.75	40.06	17.77	58.73	37.86	24.90	0.25

Average Frequency	50.01	Frequency Variation Index :	0.034	Standard Deviation :	0.056
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Instantaneous Frequency		
Max	50.23	18:02:00
Min	49.86	23:05:10

15 minute average Frequency		
Max	50.138	22:00:00
Min	49.946	20:45:00

No. of excursion above 50.03 Hz	170
No. of excursion below 49.97 Hz	162
No. of excursion above 50.00 Hz	151
No. of excursion below 50.00 Hz	153

Average time freq remains below 49.97 per excursion	0:01:58	Average time frequency remains above 50.03 per excursion	0:03:12
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