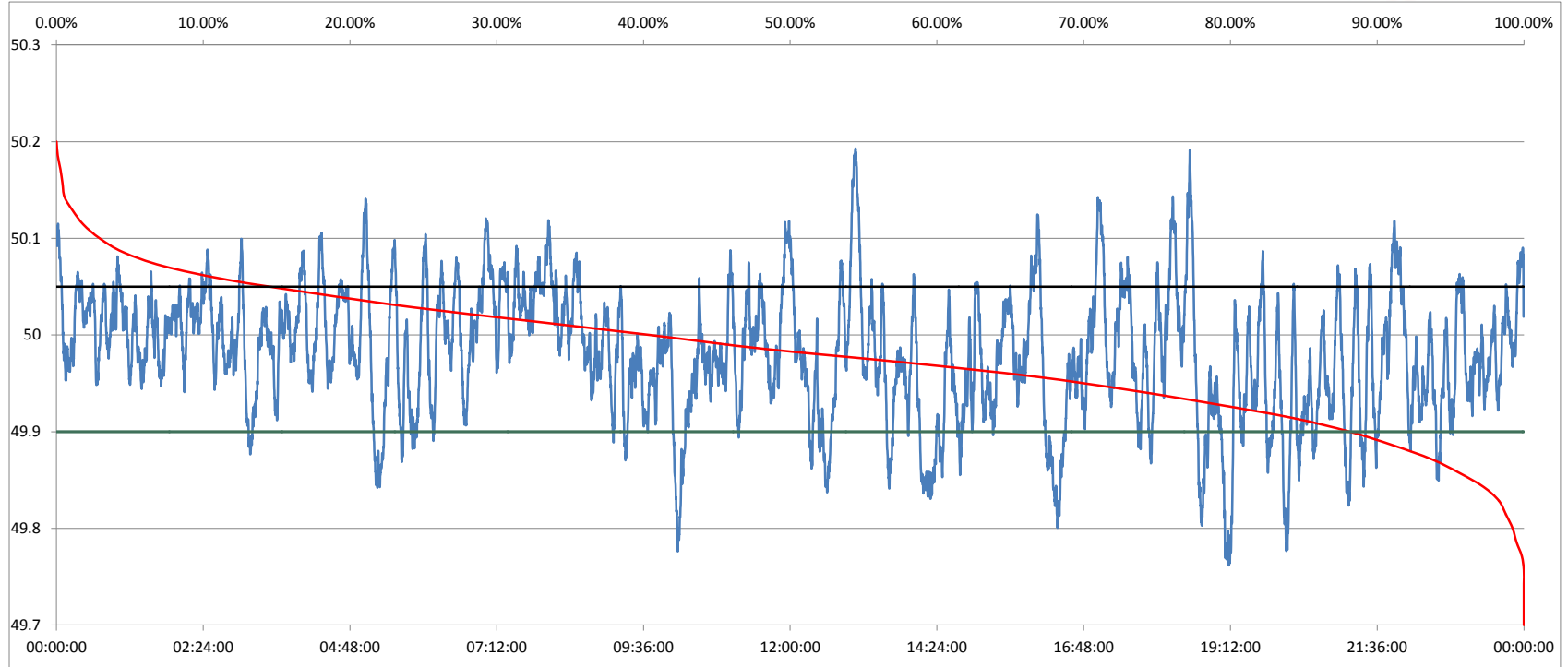


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



HISSAR:Frequency

National Grid Frequency Profile for 17-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	11.83	41.40	0.76	11.06	47.66	37.57	2.94	73.56	100.00	35.09	11.71	40.47	23.51	14.61	0.00

Average Frequency	49.98	Frequency Variation Index :	0.049	Standard Deviation :	0.067
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Instantaneous Frequency		
Max	50.19	13:04:10
Min	49.76	19:10:20

15 minute average Frequency		
Max	50.083	13:15:00
Min	49.832	19:15:00

No. of excursion above 50.03 Hz	112
No. of excursion below 49.97 Hz	140
No. of excursion above 50.00 Hz	128
No. of excursion below 50.00 Hz	125

Average time freq remains below 49.97 per excursion	0:04:16	Average time frequency remains above 50.03 per excursion	0:03:01
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