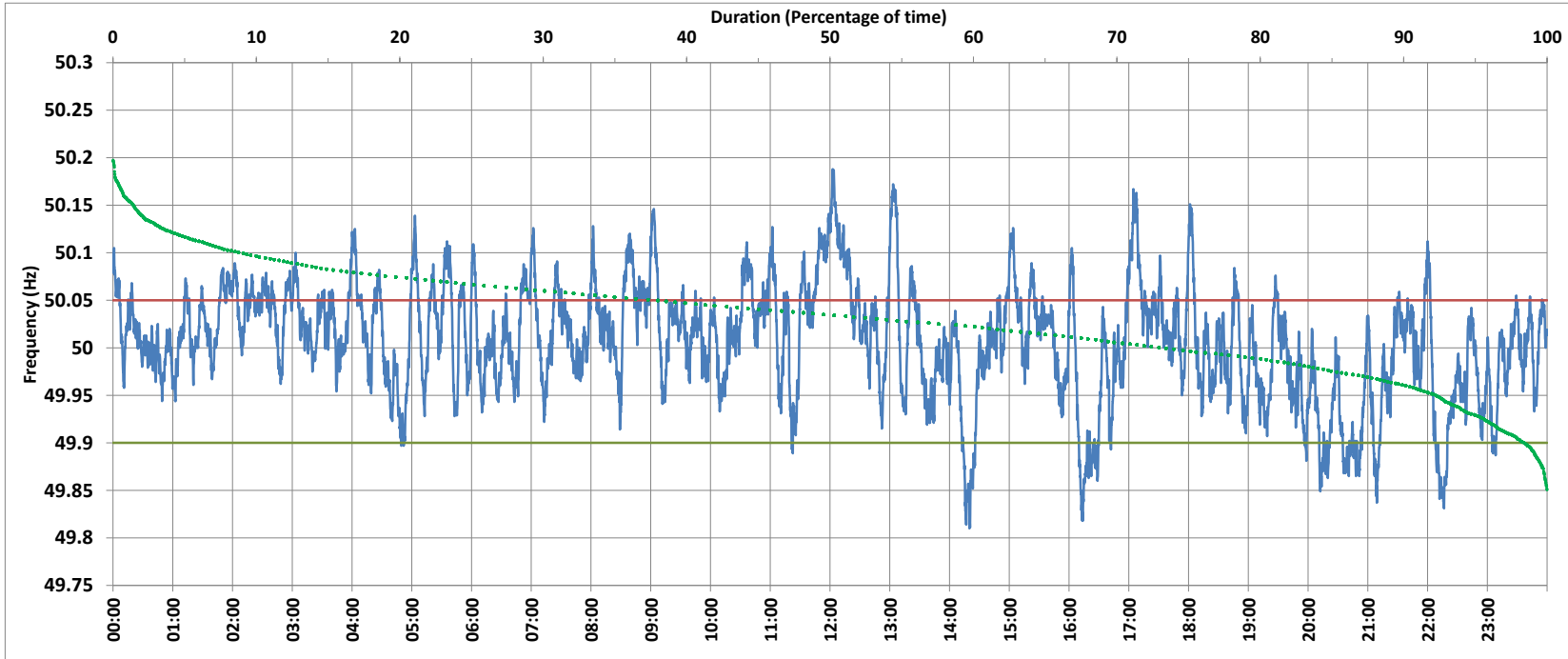


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



HISSAR:Frequency

National Grid Frequency Profile for 11-Jul-2017



<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	5.64	24.87	0.00	5.64	35.58	53.56	5.22	72.06	100.00	39.35	17.84	57.56	35.78	22.30	0.00

Average Frequency :	50.01	Frequency Variation Index :	0.036	Standard Deviation :	0.060
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Instantaneous Frequency		
Max	50.19	12:02:40
Min	49.81	14:19:50

15 minute Average Frequency		
Max	50.130	12:15:00
Min	49.882	16:30:00

No. of excursions above 50.03 Hz	147
No. of excursions below 49.97 Hz	119
No. of excursions above 50.00 Hz	116
No. of excursions below 50.00 Hz	112

Average time freq remains below 49.97 per excursion	0:03:01	Average time frequency remains above 50.03 per excursion	0:03:30
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