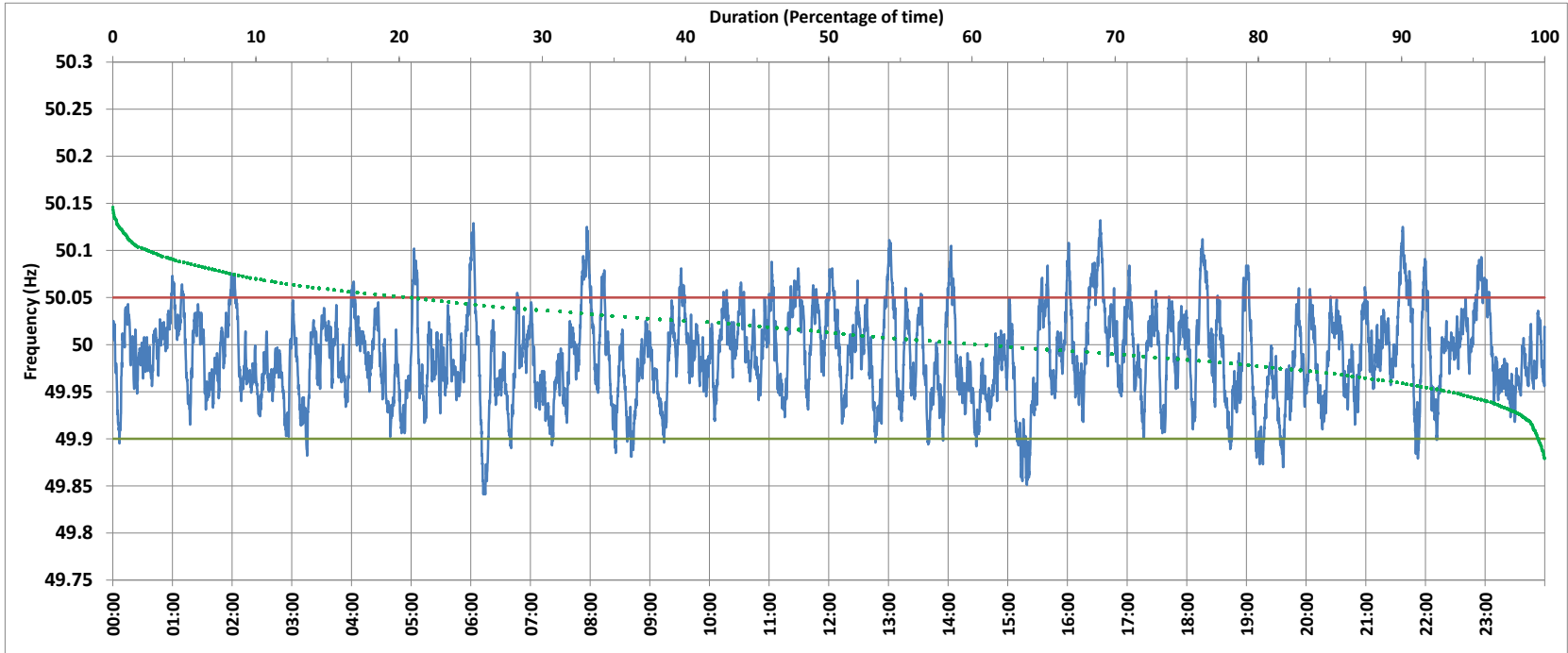


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



HISSAR:Frequency

National Grid Frequency Profile for 17-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	2.67	36.47	0.00	2.67	55.82	40.56	0.95	87.73	100.00	44.57	9.07	39.87	18.96	9.59	0.00

Average Frequency :	49.988	Frequency Variation Index :	0.024	Standard Deviation :	0.047
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Instantaneous Frequency		
Max	50.132	16:33:10
Min	49.841	6:12:40

15 minute Average Frequency		
Max	50.064	21:45:00
Min	49.911	15:30:00

No. of excursions above 50.03 Hz	111
No. of excursions below 49.97 Hz	175
No. of excursions above 50.00 Hz	141
No. of excursions below 50.00 Hz	144

Average time freq remains below 49.97 per excursion	0:03:00	Average time frequency remains above 50.03 per excursion	0:02:28
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