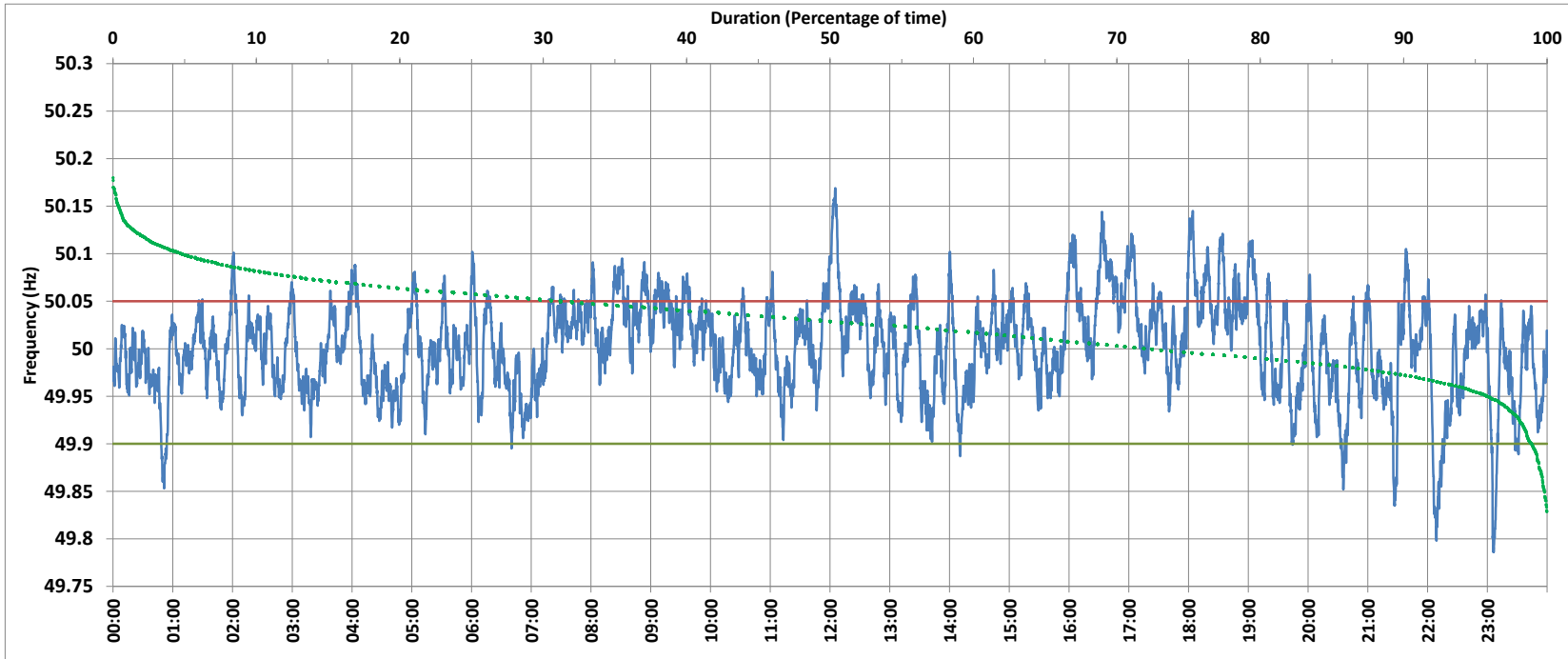


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



HISSAR:Frequency

National Grid Frequency Profile for 9-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	2.41	25.34	0.10	2.30	43.15	52.13	2.31	82.51	100.00	45.69	13.30	52.93	28.97	15.08	0.00

Average Frequency :	50.00	Frequency Variation Index :	0.025	Standard Deviation :	0.050
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Instantaneous Frequency		
Max	50.17	12:05:10
Min	49.79	23:06:00

15 minute Average Frequency		
Max	50.093	16:45:00
Min	49.902	22:15:00

No. of excursions above 50.03 Hz	152
No. of excursions below 49.97 Hz	126
No. of excursions above 50.00 Hz	119
No. of excursions below 50.00 Hz	110

Average time freq remains below 49.97 per excursion	0:02:54	Average time frequency remains above 50.03 per excursion	0:02:45
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