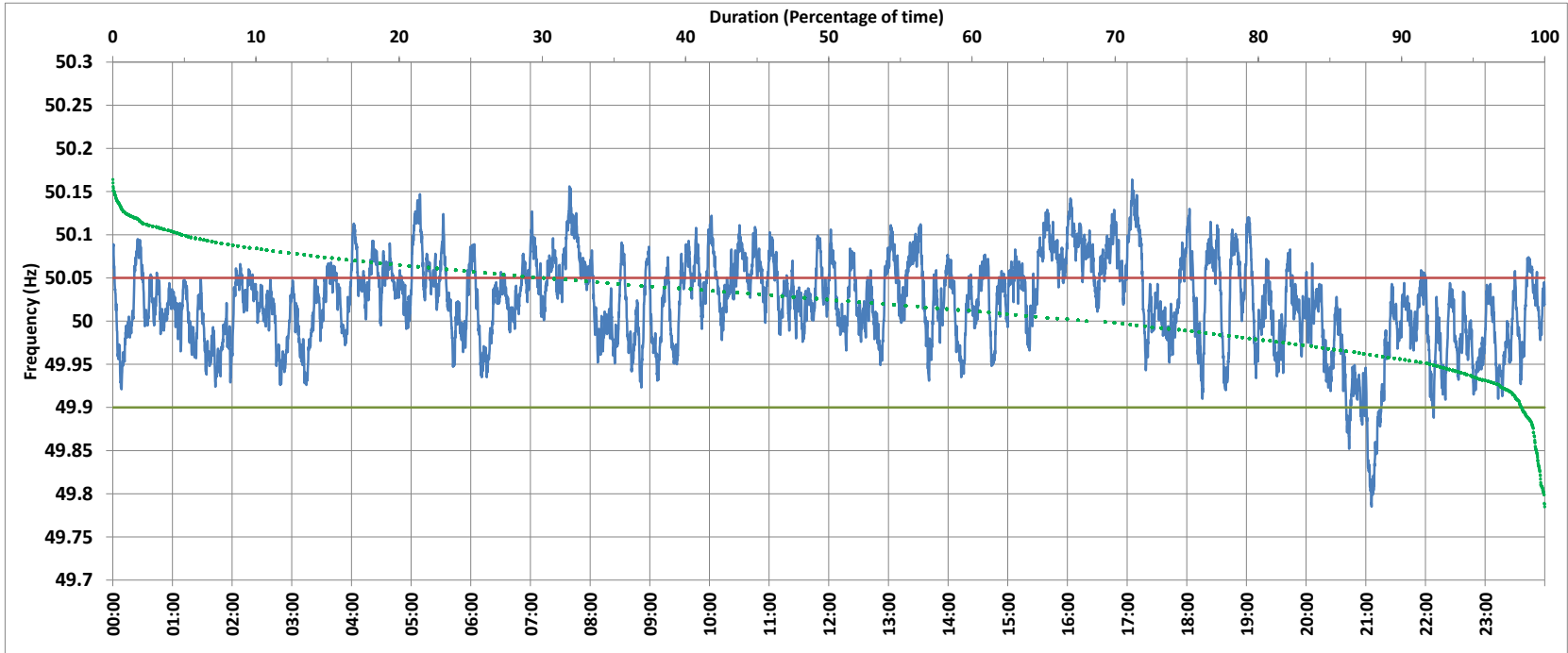


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



HISSAR:Frequency

National Grid Frequency Profile for 23-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	1.60	15.51	0.06	1.54	29.11	64.20	5.09	68.31	100.00	38.50	25.98	67.99	46.00	30.09	0.00

Average Frequency :	50.022	Frequency Variation Index :	0.031	Standard Deviation :	0.051
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Instantaneous Frequency		
Max	50.164	17:05:00
Min	49.785	21:05:50

15 minute Average Frequency		
Max	50.116	17:15:00
Min	49.848	21:15:00

No. of excursions above 50.03 Hz	166
No. of excursions below 49.97 Hz	91
No. of excursions above 50.00 Hz	114
No. of excursions below 50.00 Hz	111

Average time freq remains below 49.97 per excursion	0:02:27	Average time frequency remains above 50.03 per excursion	0:03:59
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