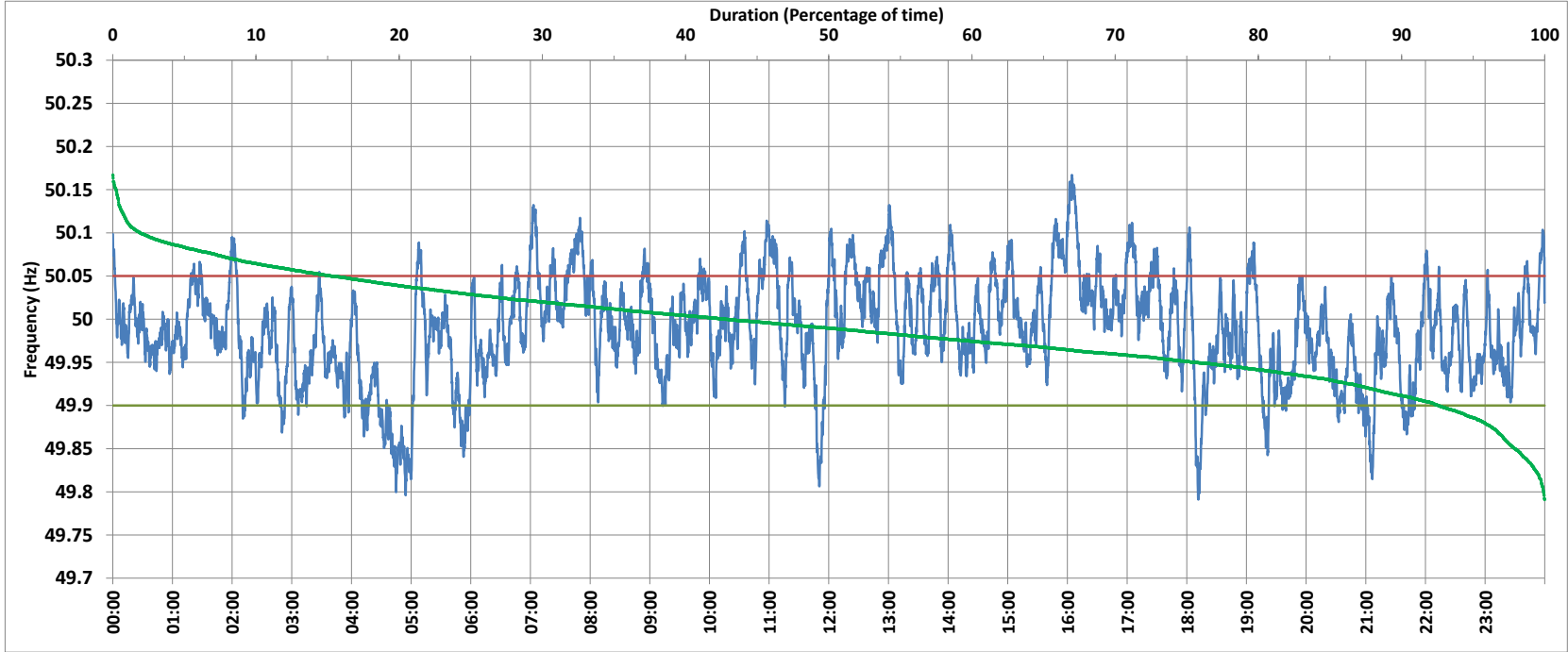


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



VIJAYAWADA:Frequency

National Grid Frequency Profile for 28-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	7.42	36.74	0.08	7.34	49.77	40.89	1.92	77.35	100.00	38.98	13.36	42.75	24.28	15.23	0.00

Average Frequency :	49.988	Frequency Variation Index :	0.037	Standard Deviation :	0.060
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Instantaneous Frequency		
Max	50.167	16:04:20
Min	49.791	18:11:40

15 minute Average Frequency		
Max	50.108	16:15:00
Min	49.838	5:00:00

No. of excursions above 50.03 Hz	120
No. of excursions below 49.97 Hz	162
No. of excursions above 50.00 Hz	151
No. of excursions below 50.00 Hz	149

Average time freq remains below 49.97 per excursion	0:03:16	Average time frequency remains above 50.03 per excursion	0:02:55
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