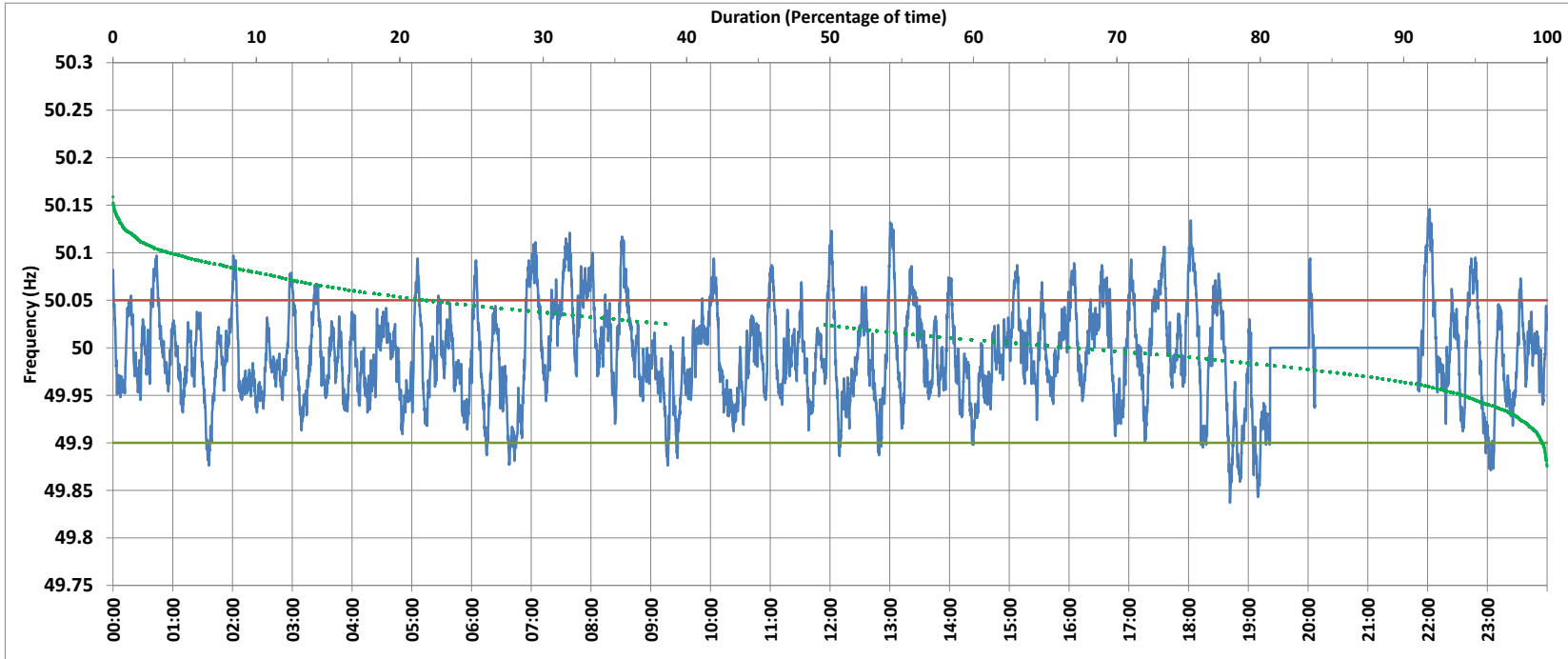




0

National Grid Frequency Profile for 15-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	2.73	30.17	0.00	2.73	47.63	48.02	1.62	84.64	100.00	49.34	11.27	38.50	20.49	12.63	0.00

Average Frequency :	49.99	Frequency Variation Index :	0.023	Standard Deviation :	0.048
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Instantaneous Frequency		
Max	50.15	22:02:00
Min	49.84	18:41:30

15 minute Average Frequency		
Max	50.066	7:45:00
Min	49.915	19:00:00

No. of excursions above 50.03 Hz	95
No. of excursions below 49.97 Hz	160
No. of excursions above 50.00 Hz	108
No. of excursions below 50.00 Hz	102

Average time freq remains below 49.97 per excursion	0:02:43	Average time frequency remains above 50.03 per excursion	0:03:06
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