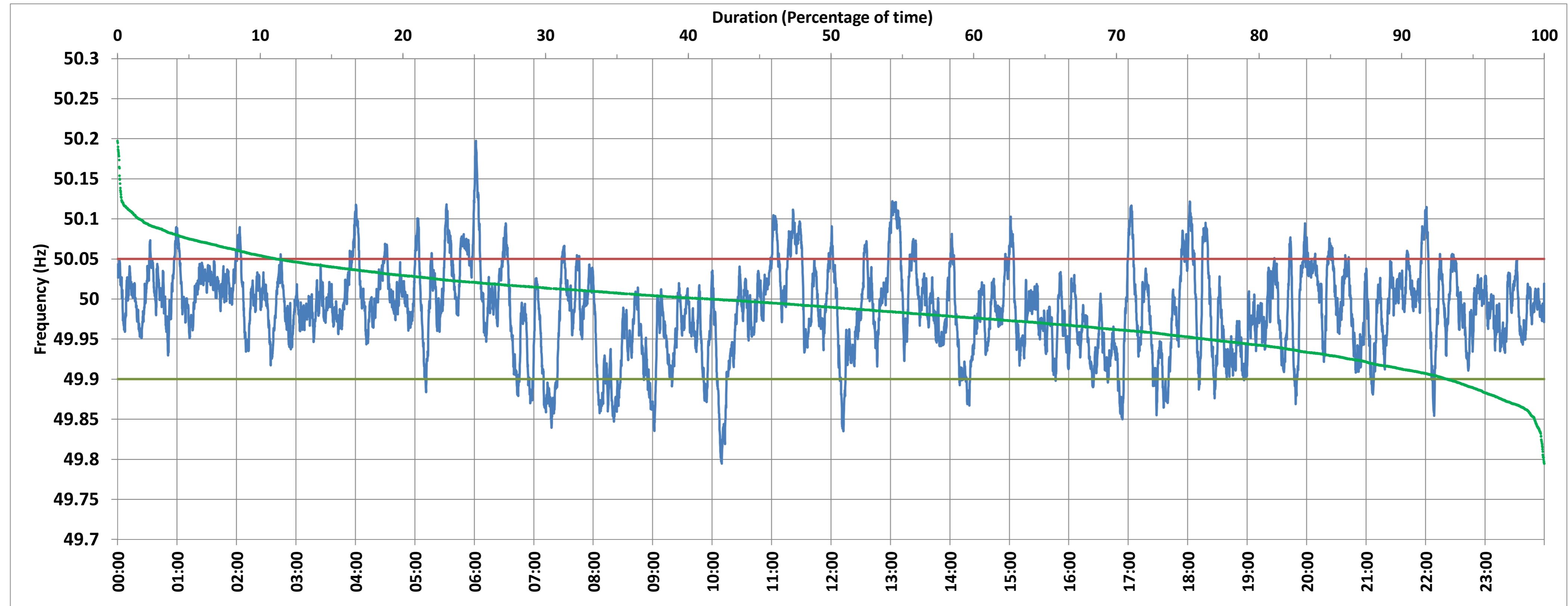


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 13-Feb-2018



<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	6.77	35.06	0.05	6.72	51.46	40.24	1.53	82.09	100.00	45.25	9.64	41.67	19.69	11.13	0.00

Average Frequency :	49.987	Frequency Variation Index :	0.032	Standard Deviation :	0.055	Mileage	48.27
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Instantaneous Frequency		
Max	50.197	6:01:30
Min	49.795	10:09:40

15 minute Average Frequency		
Max	50.075	11:30:00
Min	49.889	10:15:00

No. of excursions above 50.03 Hz	123
No. of excursions below 49.97 Hz	171
No. of excursions above 50.00 Hz	212
No. of excursions below 50.00 Hz	209

Average time freq remains below 49.97 per excursion	0:02:57	Average time frequency remains above 50.03 per excursion	0:02:18
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