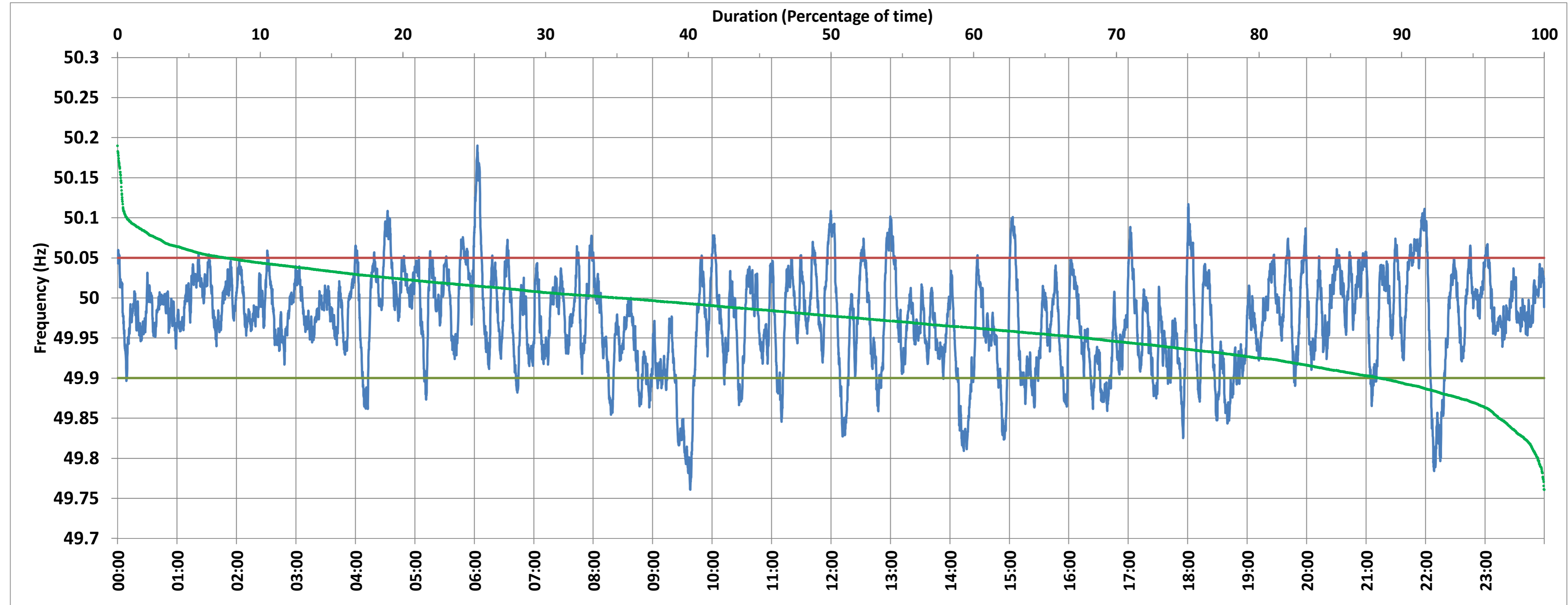


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 10-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	11.48	44.65	0.45	11.03	53.18	34.69	0.65	80.91	100.00	38.84	7.03	35.21	16.50	7.60	0.00

Average Frequency :	49.973	Frequency Variation Index :	0.042	Standard Deviation :	0.059	Mileage	46.47
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Instantaneous Frequency		
Max	50.190	6:03:00
Min	49.761	9:37:50

15 minute Average Frequency		
Max	50.070	22:00:00
Min	49.839	9:45:00

No. of excursions above 50.03 Hz	113
No. of excursions below 49.97 Hz	157
No. of excursions above 50.00 Hz	163
No. of excursions below 50.00 Hz	160

Average time freq remains below 49.97 per excursion	0:04:06	Average time frequency remains above 50.03 per excursion	0:02:06
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