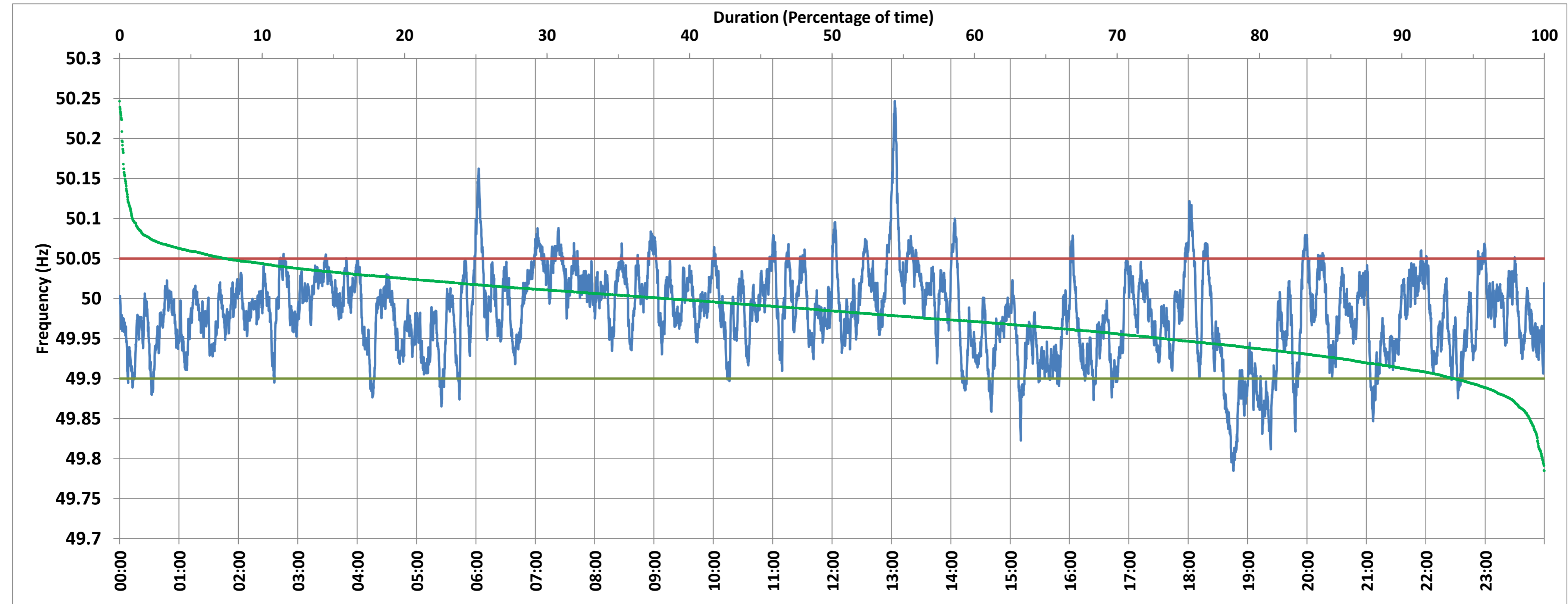


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 21-Mar-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	6.33	38.91	0.14	6.19	55.21	37.55	0.75	86.17	99.84	44.27	6.60	38.33	16.82	7.50	0.16

Average Frequency :	49.982	Frequency Variation Index :	0.031	Standard Deviation :	0.053	Mileage	47.12
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Instantaneous Frequency		
Max	50.247	13:03:20
Min	49.785	18:45:30

15 minute Average Frequency		
Max	50.100	13:15:00
Min	49.860	19:00:00

No. of excursions above 50.03 Hz	133
No. of excursions below 49.97 Hz	164
No. of excursions above 50.00 Hz	183
No. of excursions below 50.00 Hz	183

Average time freq remains below 49.97 per excursion	0:03:25	Average time frequency remains above 50.03 per excursion	0:01:49
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