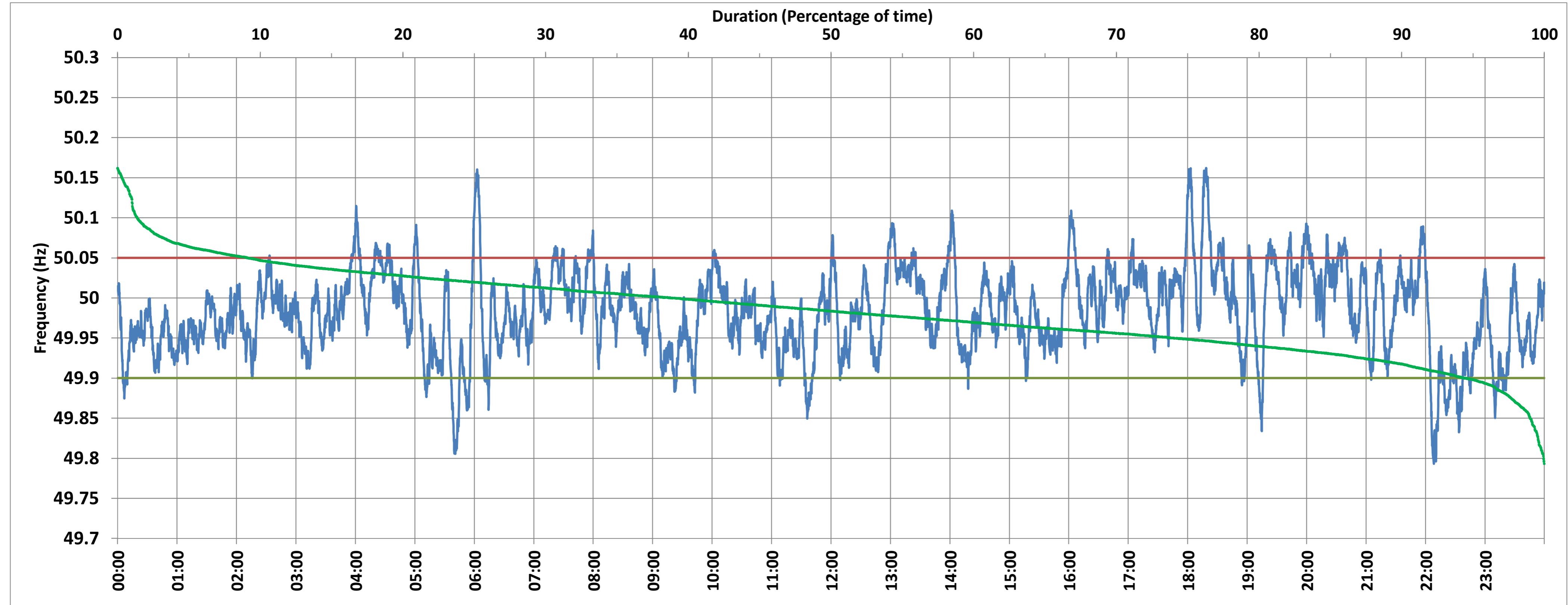


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 16-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	5.56	40.21	0.06	5.50	55.41	37.65	1.39	85.31	100.00	41.30	7.78	39.04	18.50	9.13	0.00

Average Frequency :	49.983	Frequency Variation Index :	0.031	Standard Deviation :	0.053	Mileage	45.82
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Instantaneous Frequency			
Max	50.162	18:18:40	
Min	49.793	22:08:20	

15 minute Average Frequency			
Max	50.082	18:30:00	
Min	49.893	22:15:00	

No. of excursions above 50.03 Hz	145
No. of excursions below 49.97 Hz	154
No. of excursions above 50.00 Hz	168
No. of excursions below 50.00 Hz	167

Average time freq remains below 49.97 per excursion	0:03:46	Average time frequency remains above 50.03 per excursion	0:01:50
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