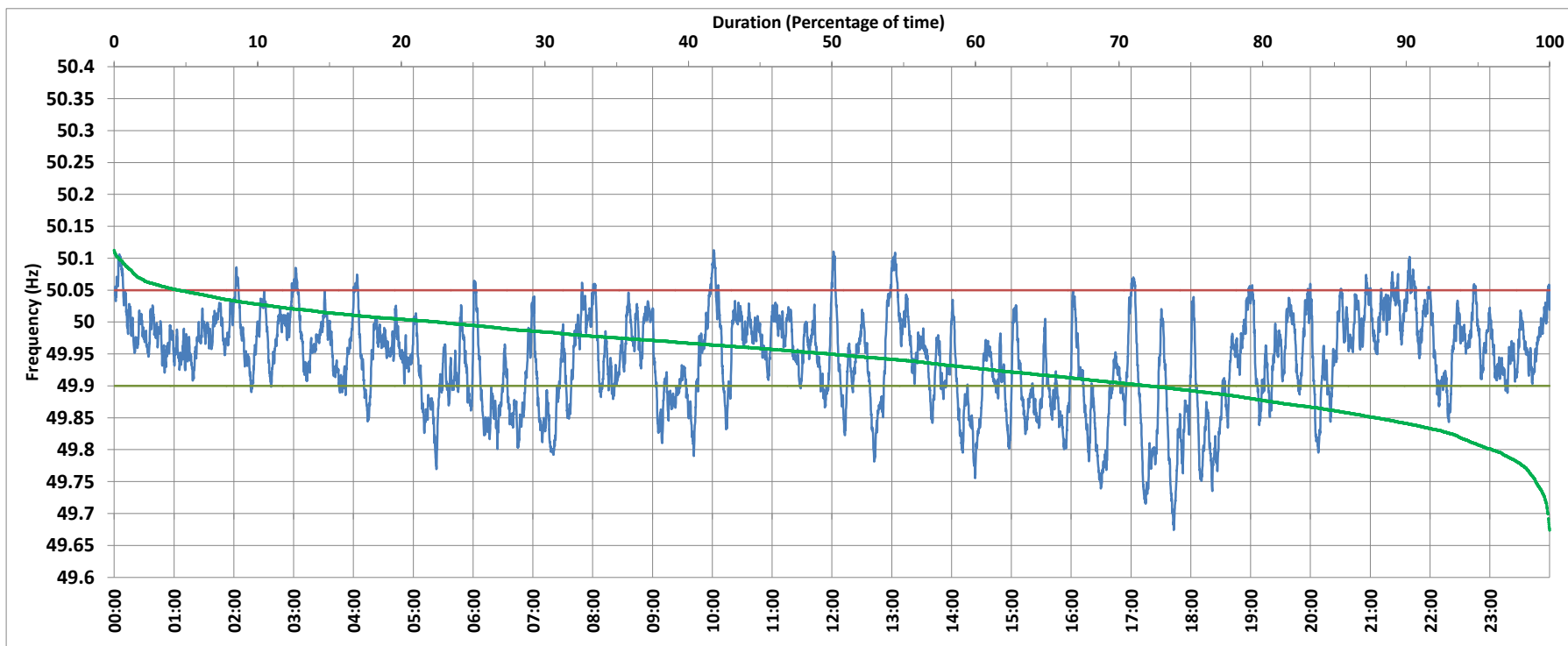


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 2-Nov-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
0.13	27.95	61.56	3.87	23.96	49.49	22.25	0.31	67.58	99.87	29.12	4.18	22.51	9.32	4.47	0.00

Average Frequency :	49.940	Frequency Variation Index :	0.089	Standard Deviation :	0.073
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Instantaneous Frequency	
Max	50.113 10:01:20
Min	49.674 17:42:50

15 minute Average Frequency	
Max	50.053 0:15:00
Min	49.809 18:30:00

No. of excursions above 50.03 Hz	76
No. of excursions below 49.97 Hz	142
No. of excursions above 50.00 Hz	117
No. of excursions below 50.00 Hz	118

Average time freq remains below 49.97 per excursion	0:06:15	Average time frequency remains above 50.03 per excursion	0:01:46
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