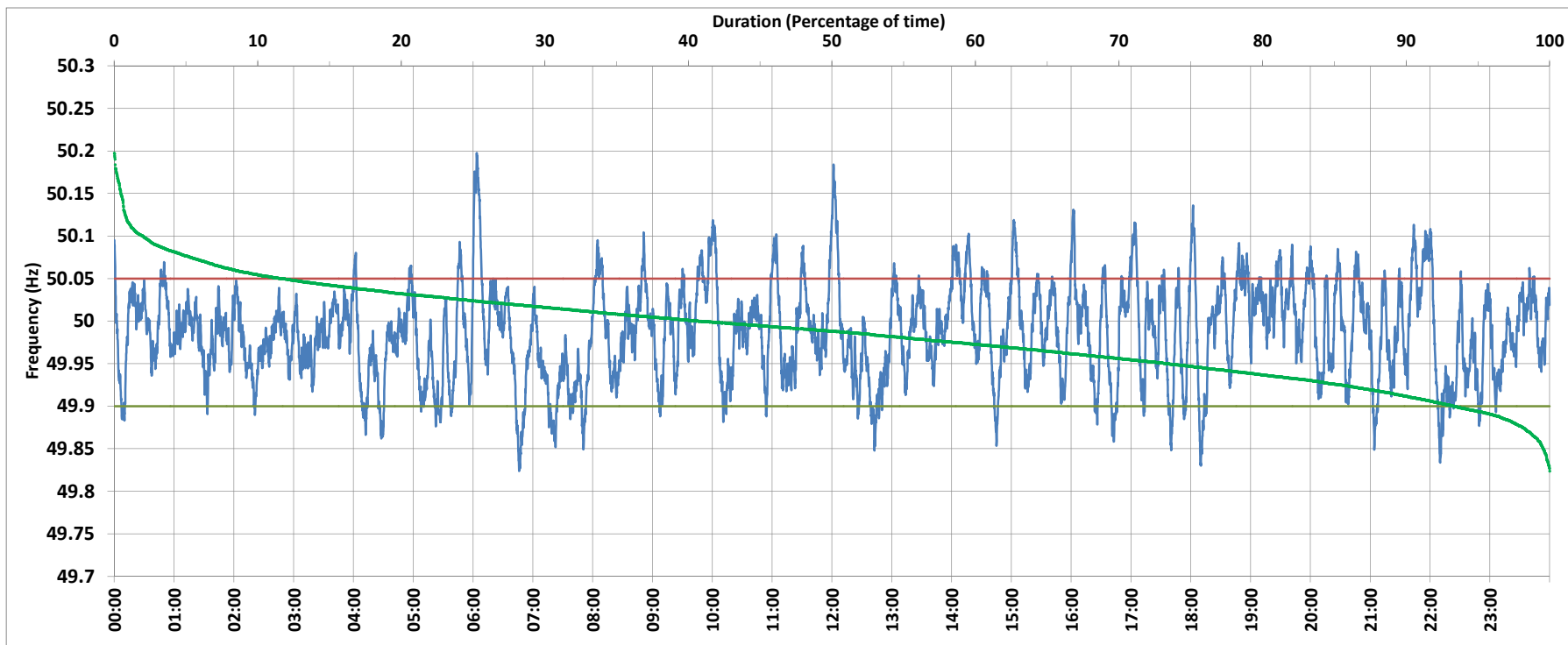


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 5/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
0.00	6.63	38.14	0.00	6.63	52.49	38.85	2.03	81.68	100.00	40.32	9.71	40.80	21.54	11.69	0.00

Average Frequency :	49.986	Frequency Variation Index :	0.033	Standard Deviation :	0.056
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Instantaneous Frequency		
Max	50.198	6:03:30
Min	49.824	6:46:00

15 minute Average Frequency		
Max	50.075	6:15:00
Min	49.901	7:30:00

No. of excursions above 50.03 Hz	147
No. of excursions below 49.97 Hz	152
No. of excursions above 50.00 Hz	171
No. of excursions below 50.00 Hz	169

Average time freq remains below 49.97 per excursion	0:03:37	Average time frequency remains above 50.03 per excursion	0:02:07
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