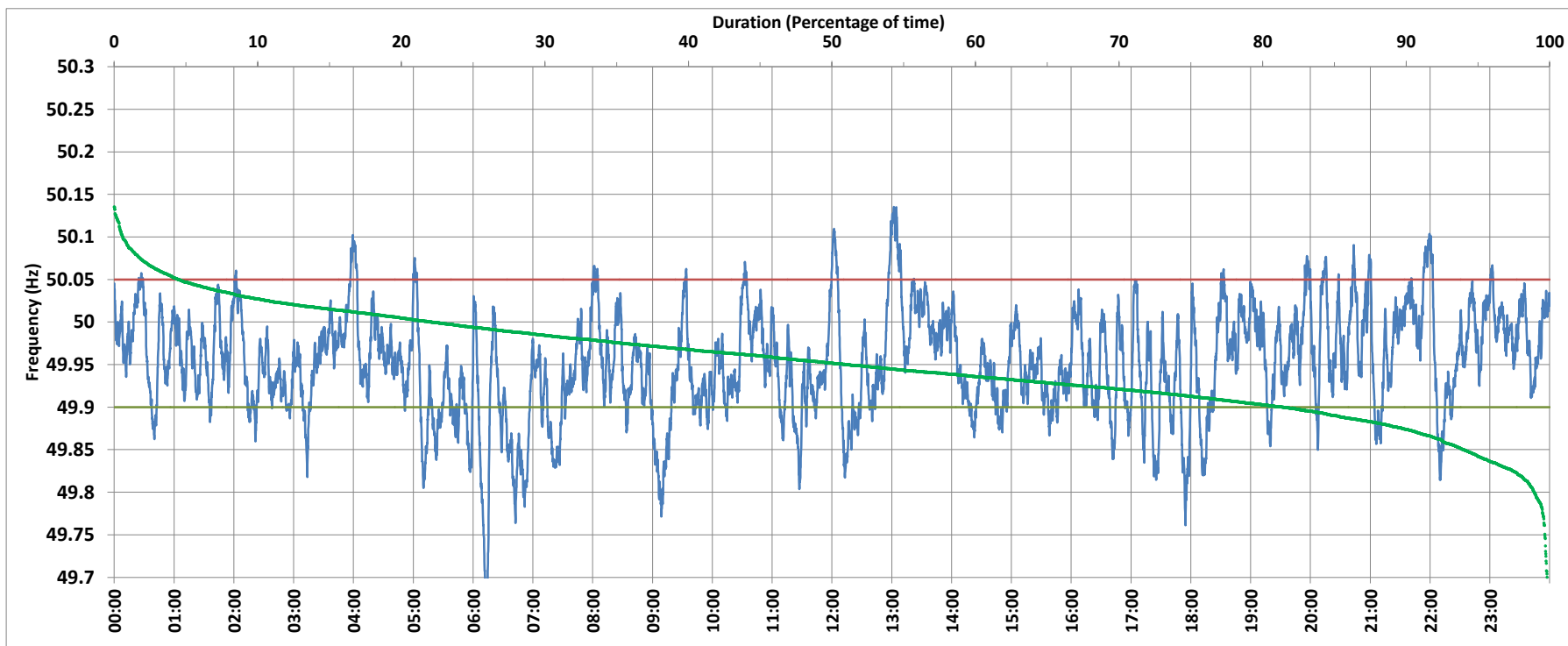


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 8-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
0.17	18.55	61.45	0.90	17.48	59.33	21.52	0.60	76.96	99.83	29.57	3.89	22.06	8.98	4.49	0.00

Average Frequency :	49.951	Frequency Variation Index :	0.062	Standard Deviation :	0.062
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Instantaneous Frequency	
Max	50.135 13:02:00
Min	49.672 6:13:40

15 minute Average Frequency	
Max	50.059 13:15:00
Min	49.827 9:15:00

No. of excursions above 50.03 Hz	69
No. of excursions below 49.97 Hz	147
No. of excursions above 50.00 Hz	114
No. of excursions below 50.00 Hz	116

Average time freq remains below 49.97 per excursion	0:06:01	Average time frequency remains above 50.03 per excursion	0:01:52
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