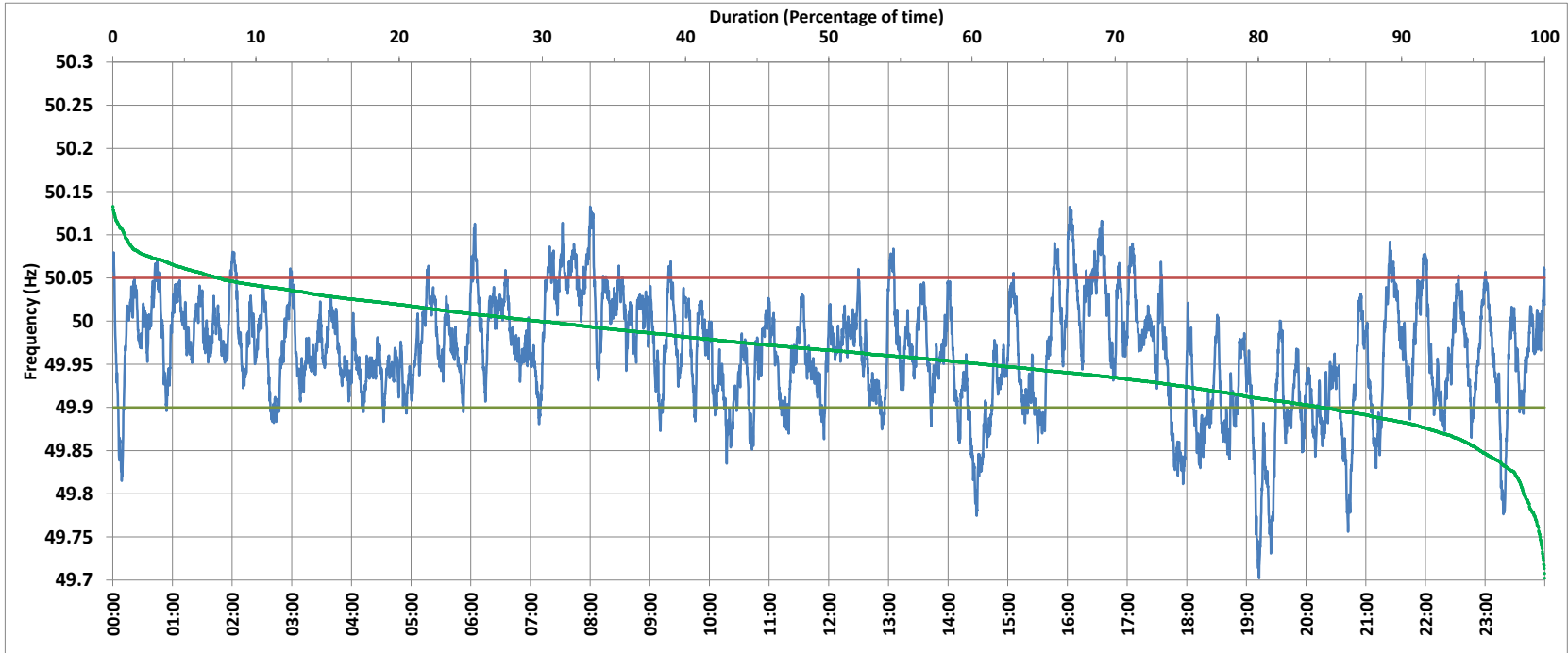


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 29-Jul-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	15.58	52.67	1.48	14.10	54.69	28.89	0.84	77.09	100.00	32.80	6.49	29.69	14.53	7.33	0.00

Average Frequency :	49.963	Frequency Variation Index :	0.054	Standard Deviation :	0.064
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Instantaneous Frequency		
Max	50.133	8:00:00
Min	49.702	19:12:40

15 minute Average Frequency		
Max	50.067	7:45:00
Min	49.813	19:30:00

No. of excursions above 50.03 Hz	96
No. of excursions below 49.97 Hz	153
No. of excursions above 50.00 Hz	137
No. of excursions below 50.00 Hz	136

Average time freq remains below 49.97 per excursion	0:04:57	Average time frequency remains above 50.03 per excursion	0:02:11
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