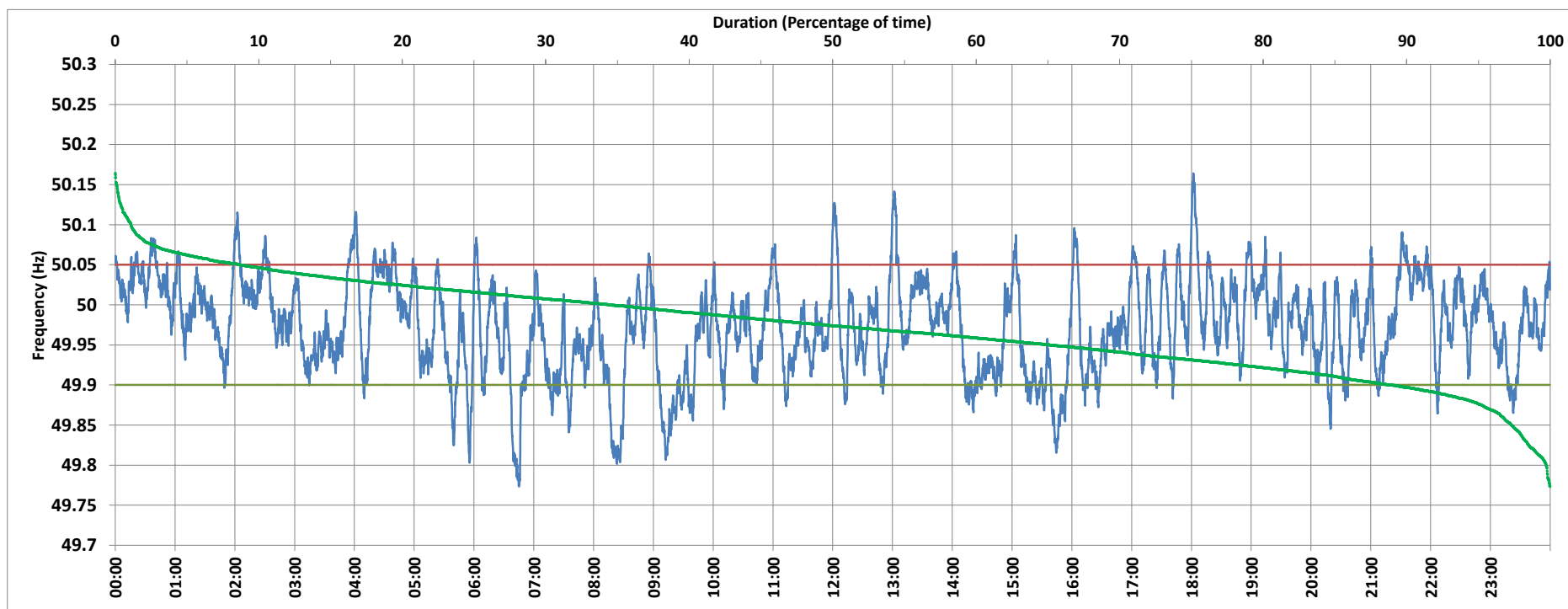


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 22/Jan/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	11.03	47.19	0.28	10.75	54.43	33.43	1.11	80.23	100.00	35.80	7.64	34.51	17.01	8.74	0.00

Average Frequency :	49.972	Frequency Variation Index :	0.043	Standard Deviation :	0.059	Positive Mileage(Above>50)	104.89
						Negative Mileage(Below<50)	342.80

Instantaneous Frequency		
Max	50.164	18:01:50
Min	49.774	6:45:00

15 minute Average Frequency		
Max	50.049	21:45:00
Min	49.833	8:30:00

No. of excursions above 50.03 Hz	104
No. of excursions below 49.97 Hz	153
No. of excursions above 50.00 Hz	144
No. of excursions below 50.00 Hz	145

Average time freq remains below 49.97 per excursion	0:04:26	Average time frequency remains above 50.03 per excursion	0:02:21
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