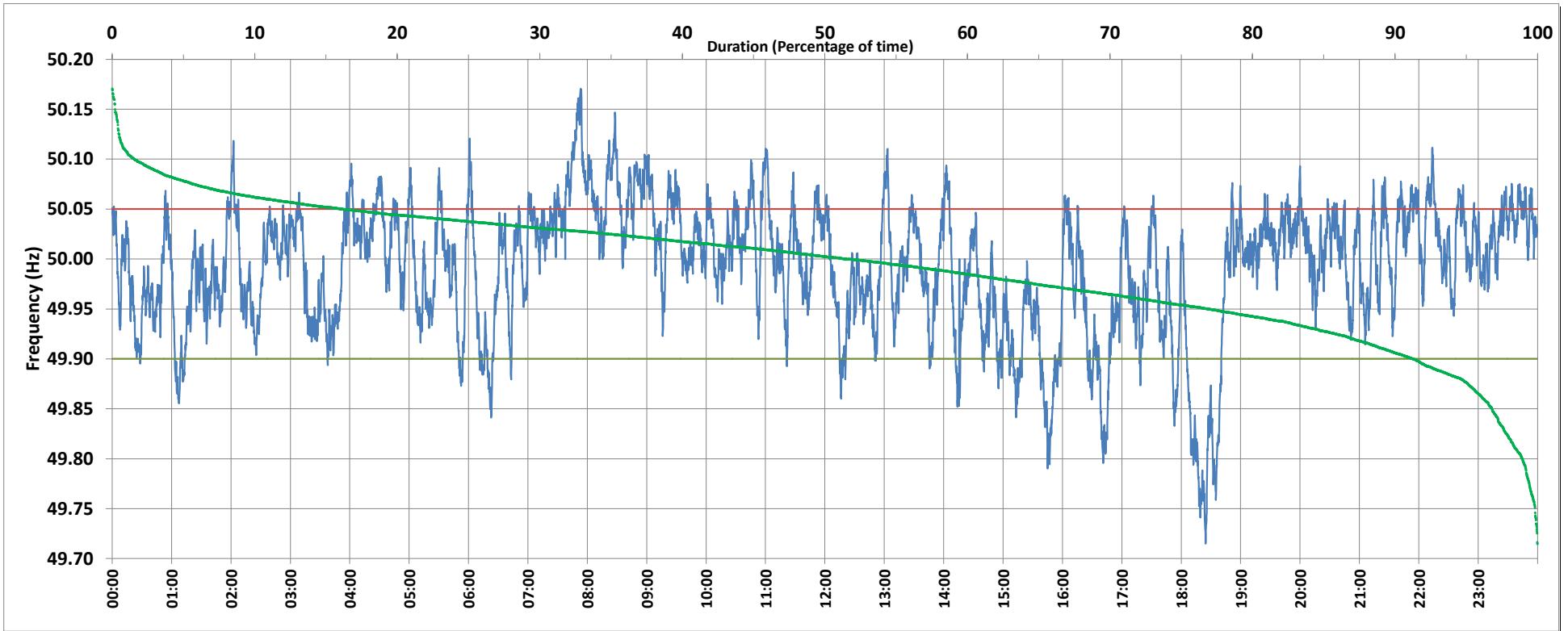


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Nov-2019 (Tuesday)



<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	<49.95	49.95-50.05	49.90-49.95
0.00	8.73	32.74	1.08	7.65	39.61	50.10	1.56	75.10	100.00	36.39	14.72	51.50	30.87	16.17	0.00	23.06	60.78	14.33

Average Frequency : 49.992	Frequency Variation Index : 0.0423	Standard Deviation : 0.0645	Mileage: 52.7	FDI: 24.9
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Instantaneous Frequency	
Max	50.171 7:53:10
Min	49.715 18:24:30

15 minute Average Frequency	
Max	50.117 8:00:00
Min	49.784 18:30:00

No. of excursions	
above 50.03 Hz	209
below 49.97 Hz	141
above 50.00 Hz	160
below 50.00 Hz	159

Average time freq per excursion remains	
below 49.97	0:03:21
above 50.03	0:02:08

No. of hours freq outside 49.9-50.05 Hz	5:58:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)