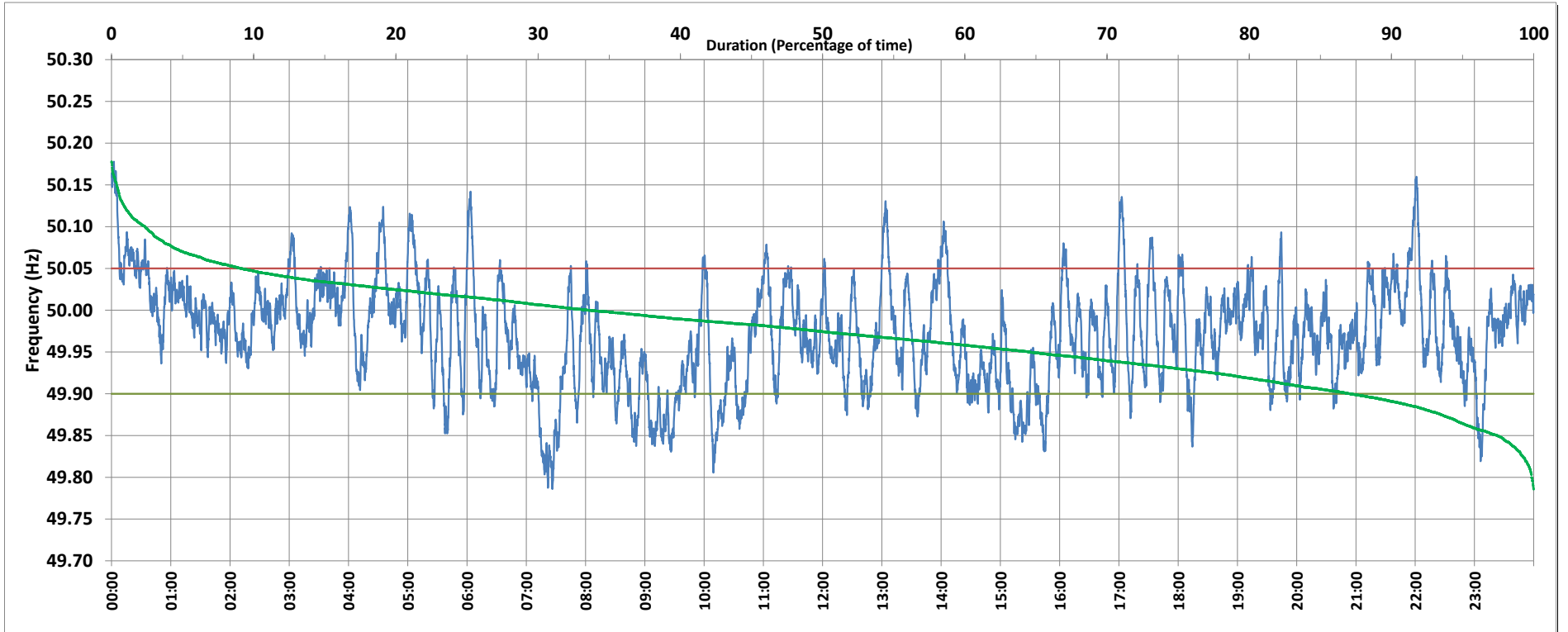


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Dec-2018 (Monday)



<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	12.89	47.23	0.15	12.74	53.50	31.24	2.37	77.99	100.00	35.63	6.75	33.55	17.14	9.12	0.00	35.39	55.49	22.50

Average Frequency : 49.972	Frequency Variation Index : 0.0464	Standard Deviation : 0.0623	Mileage: 46.3	FDI: 22.0
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Instantaneous Frequency		
Max	50.178	0:02:20
Min	49.786	7:26:20

15 minute Average Frequency		
Max	50.097	0:15:00
Min	49.822	7:30:00

No. of excursions	
above 50.03 Hz	111
below 49.97 Hz	144
above 50.00 Hz	146
below 50.00 Hz	145

Average time freq per excursion remains	
below 49.97	0:04:43
above 50.03	0:02:13

No. of hours freq outside 49.9-50.05 Hz	5:17:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)