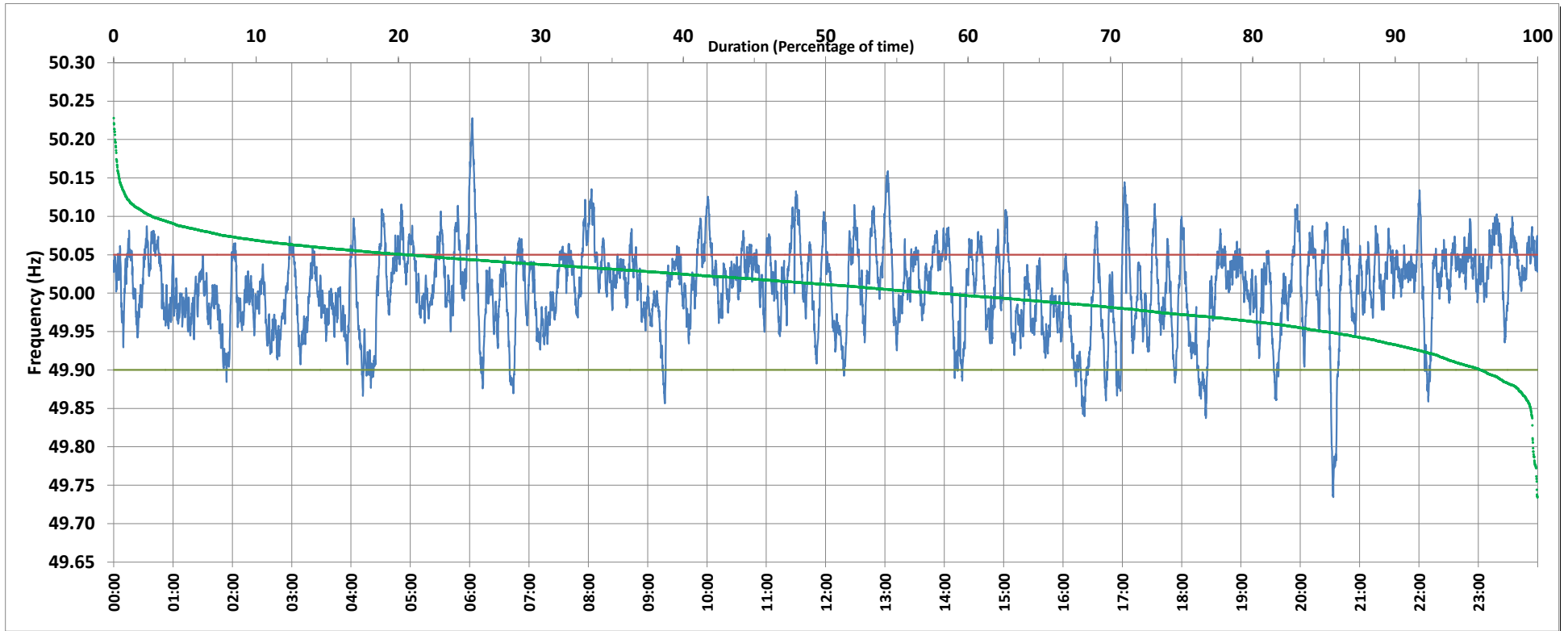


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Dec-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	3.95	23.52	0.32	3.62	38.06	55.32	2.58	75.43	99.91	40.42	18.04	57.79	36.06	20.63	0.09	14.92	64.46	10.97

Average Frequency : 50.006	Frequency Variation Index : 0.0309	Standard Deviation : 0.0553	Mileage: 53.5	FDI: 24.6
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Instantaneous Frequency		
Max	50.228	6:02:30
Min	49.734	20:33:20

15 minute Average Frequency		
Max	50.066	8:15:00
Min	49.903	16:30:00

No. of excursions	
above 50.03 Hz	195
below 49.97 Hz	153
above 50.00 Hz	182
below 50.00 Hz	181

Average time freq per excursion remains	
below 49.97	0:02:13
above 50.03	0:02:40

No. of hours freq outside 49.9-50.05 Hz	5:53:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)