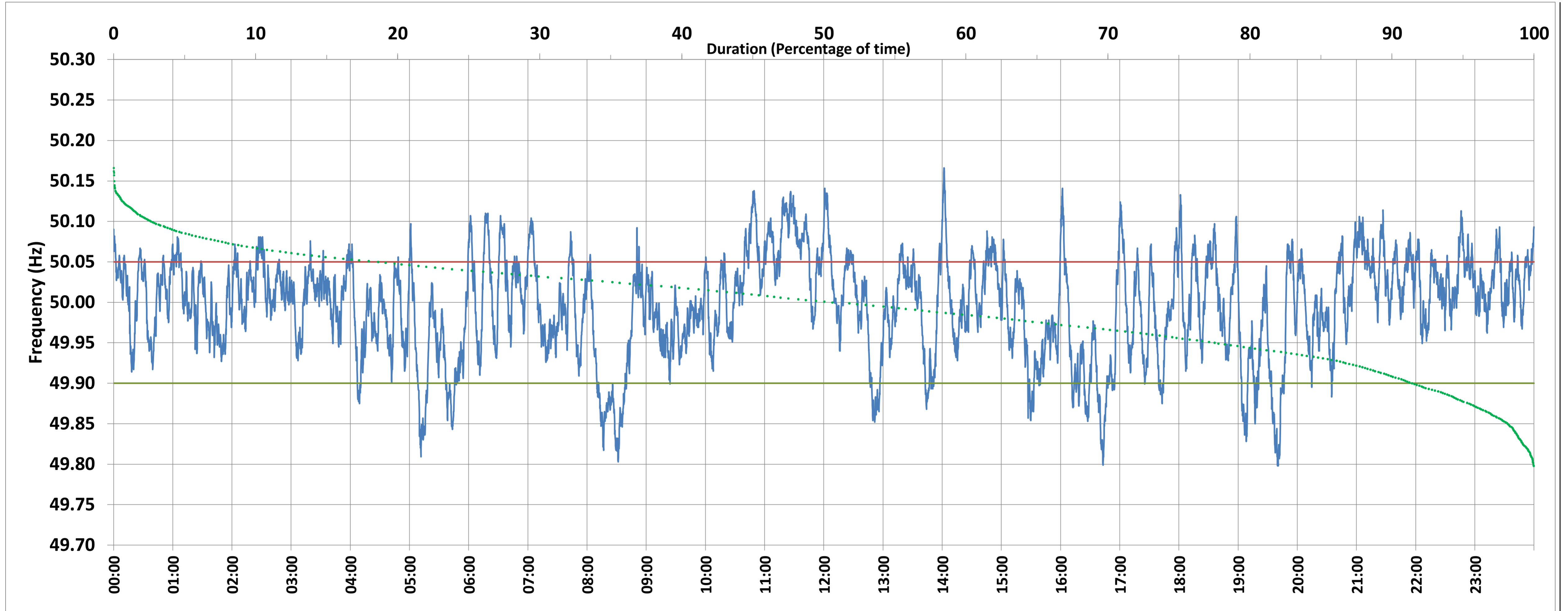


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 17-Dec-2020 (Thursday)



<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	8.43	31.45	0.05	8.38	39.79	49.04	2.74	72.96	100.00	37.04	16.52	50.59	31.52	18.61	0.00	22.23	59.16	13.81

Average Frequency : 49.995	Frequency Variation Index : 0.0387	Standard Deviation : 0.0620	Mileage: 52.8	FDI: 27.0
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Instantaneous Frequency		
Max	50.166	14:01:50
Min	49.798	19:40:00

15 minute Average Frequency		
Max	50.106	11:30:00
Min	49.862	8:30:00

No. of excursions	
above 50.03 Hz	159
below 49.97 Hz	121
above 50.00 Hz	122
below 50.00 Hz	116

Average time freq per excursion remains	
below 49.97	0:03:45
above 50.03	0:02:51

No. of hours freq outside 49.9-50.05 Hz	6:29:20
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)