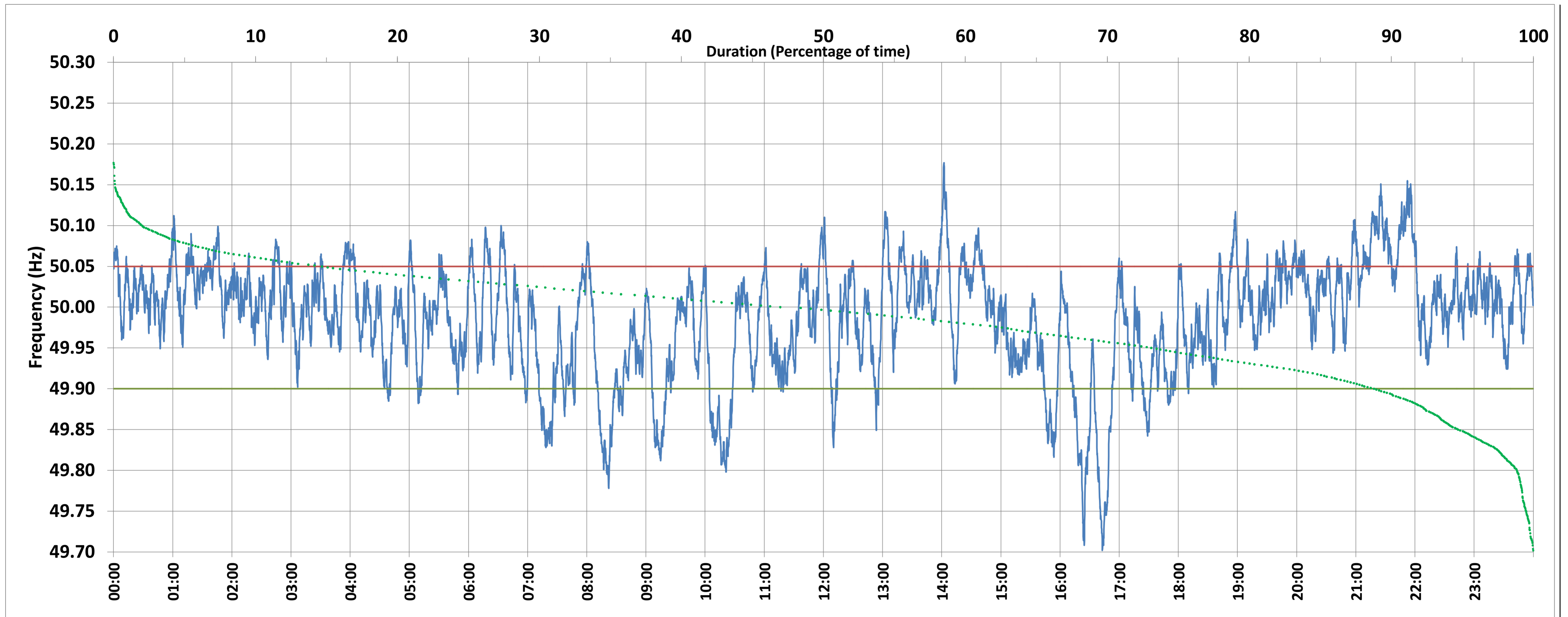


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Dec-2020 (Friday)



<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	11.06	35.09	1.15	9.92	40.56	46.32	2.06	74.26	100.00	38.53	13.07	46.94	26.38	14.68	0.00	26.54	58.78	15.47

Average Frequency : 49.985	Frequency Variation Index : 0.0497	Standard Deviation : 0.0689	Mileage: 51.9	FDI: 25.7
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Instantaneous Frequency		
Max	50.177	14:02:10
Min	49.702	16:42:50

15 minute Average Frequency		
Max	50.111	22:00:00
Min	49.809	16:30:00

No. of excursions	
above 50.03 Hz	144
below 49.97 Hz	99
above 50.00 Hz	140
below 50.00 Hz	146

Average time freq per excursion remains	
below 49.97	0:05:06
above 50.03	0:02:38

No. of hours freq outside 49.9-50.05 Hz	
	6:10:40

Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)