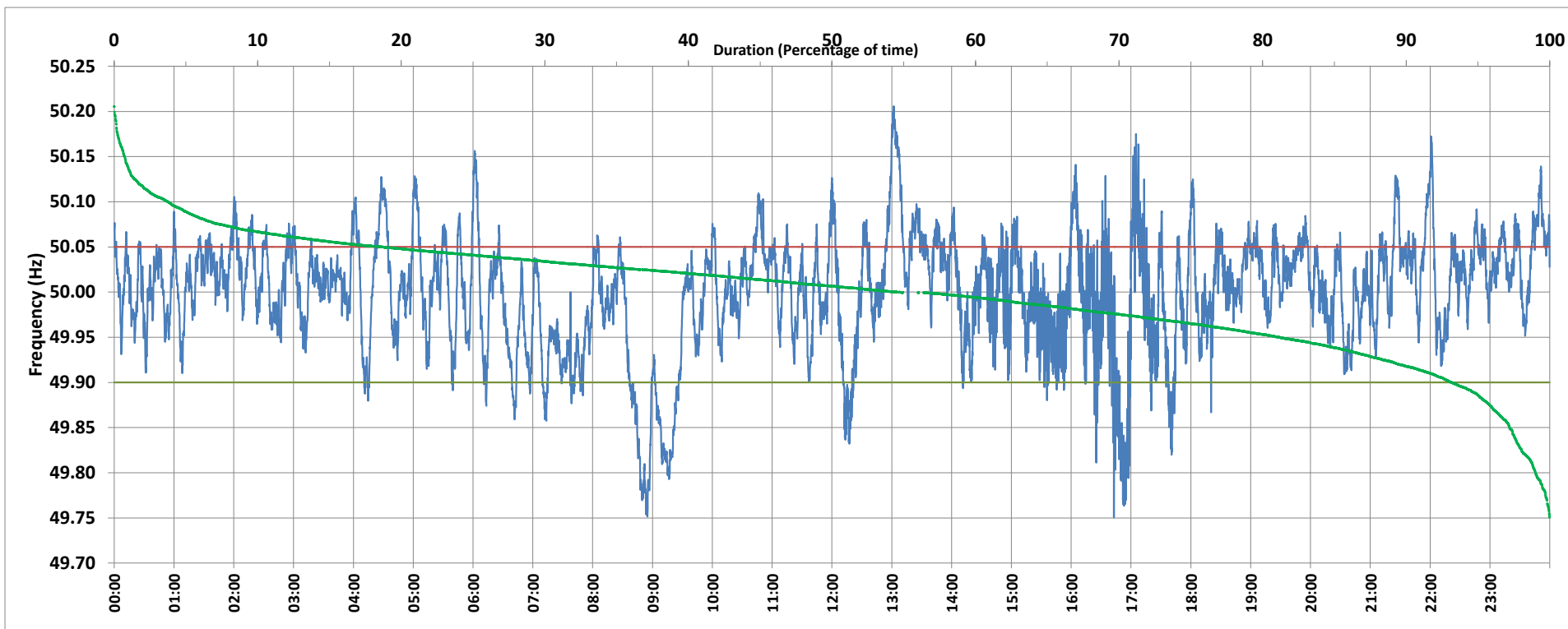


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-Jan-2020 (Wednesday)



<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	6.83	27.34	0.98	5.84	38.48	50.93	3.74	74.55	99.98	39.86	14.98	54.50	32.80	18.62	0.02	18.82	62.56	11.99

Average Frequency : 49.999	Frequency Variation Index : 0.0403	Standard Deviation : 0.0635	Mileage: 86.4	FDI: 25.5
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Instantaneous Frequency		
Max	50.206	13:01:40
Min	49.751	16:42:50

15 minute Average Frequency		
Max	50.120	13:15:00
Min	49.804	9:00:00

No. of excursions	
above 50.03 Hz	279
below 49.97 Hz	247
above 50.00 Hz	295
below 50.00 Hz	292

Average time freq per excursion remains	
below 49.97	0:01:36
above 50.03	0:01:42

No. of hours freq outside 49.9-50.05 Hz	6:06:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)