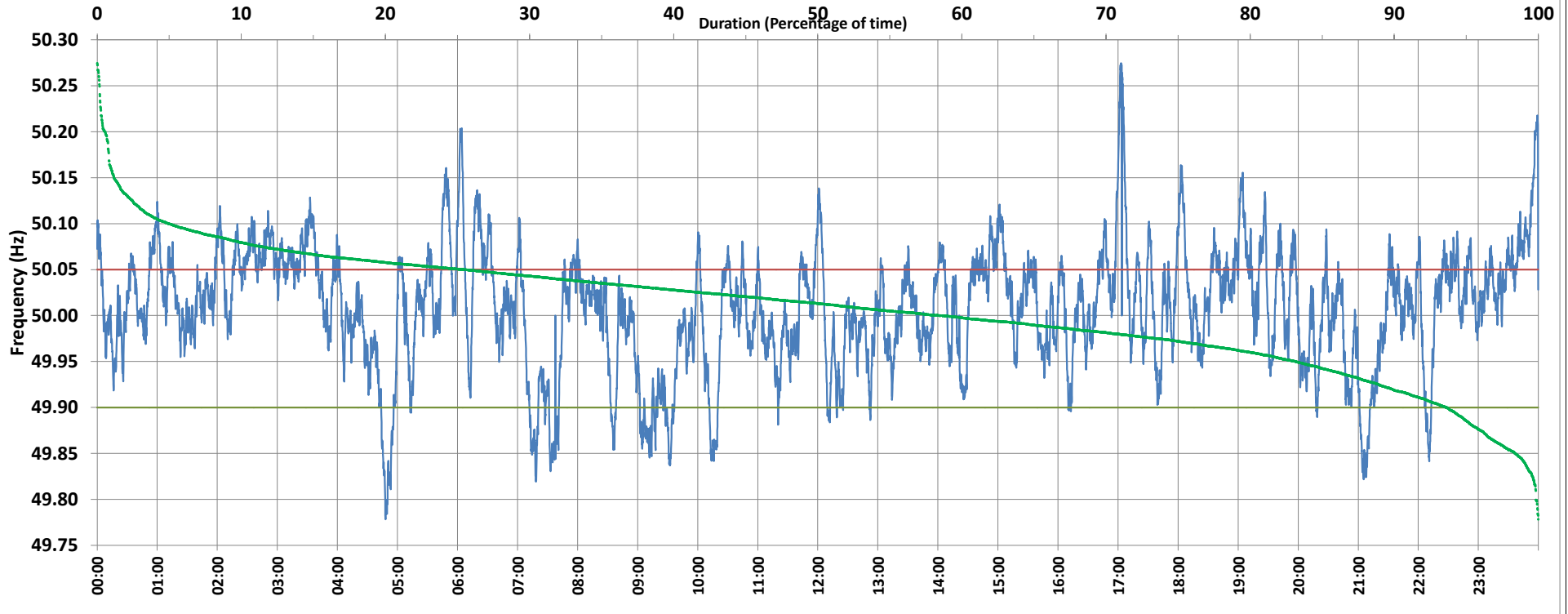


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 01-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	6.35	24.09	0.17	6.18	35.00	53.65	4.43	68.11	99.43	37.35	20.60	58.47	38.56	25.53	0.57	16.83	57.64	10.47

Average Frequency : 50.008	Frequency Variation Index : 0.0428	Standard Deviation : 0.0650	Mileage: 53.4	FDI: 31.9
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Instantaneous Frequency		
Max	50.275	17:03:00
Min	49.778	4:48:00

15 minute Average Frequency		
Max	50.126	0:00:00
Min	49.858	5:00:00

No. of excursions	
above 50.03 Hz	173
below 49.97 Hz	115
above 50.00 Hz	182
below 50.00 Hz	182

Average time freq per excursion remains	
below 49.97	0:03:01
above 50.03	0:03:13

No. of hours freq outside 49.9-50.05 Hz	7:39:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)