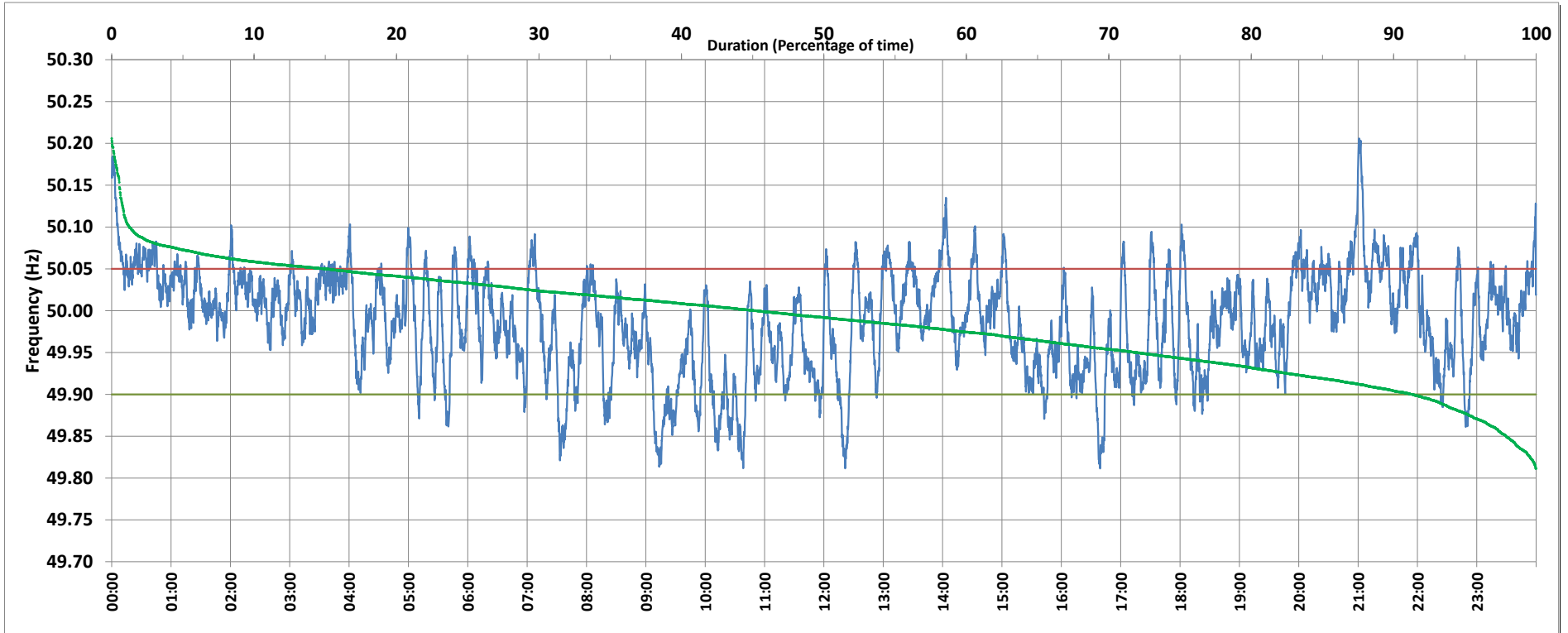


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 31-Dec-2018 (Monday)



<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	8.68	37.52	0.00	8.68	46.02	44.06	1.20	76.26	99.97	35.78	13.84	45.27	26.70	15.06	0.03	28.01	56.93	19.33

Average Frequency : 49.986	Frequency Variation Index : 0.0396	Standard Deviation : 0.0615	Mileage: 47.6	FDI: 23.7
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Instantaneous Frequency		
Max	50.206	21:01:00
Min	49.811	16:39:10

15 minute Average Frequency		
Max	50.098	0:15:00
Min	49.873	9:30:00

No. of excursions	
above 50.03 Hz	138
below 49.97 Hz	119
above 50.00 Hz	141
below 50.00 Hz	139

Average time freq per excursion remains	
below 49.97	0:04:32
above 50.03	0:02:47

No. of hours freq outside 49.9-50.05 Hz	5:41:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)