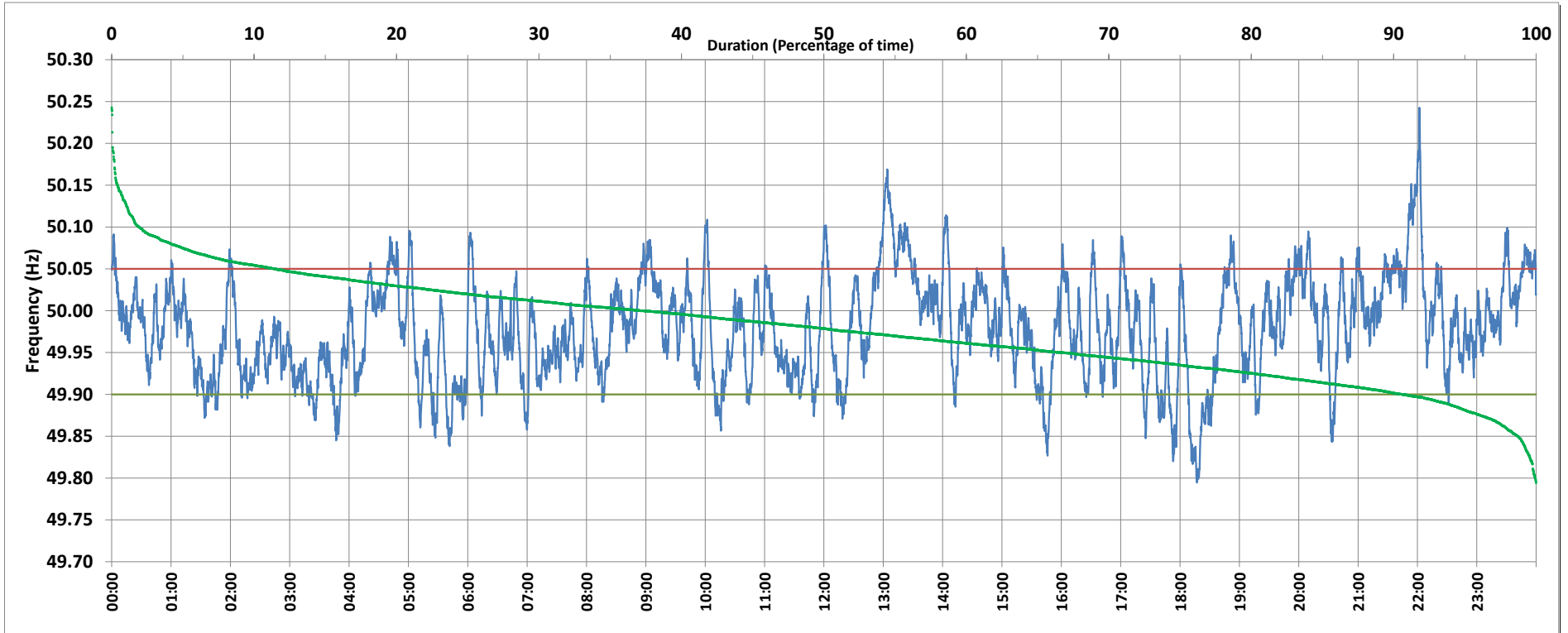


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Dec-2018 (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	9.34	45.02	0.07	9.27	53.31	35.42	1.88	79.16	99.94	35.21	9.58	37.22	19.77	11.50	0.06	33.23	55.27	23.89

Average Frequency : 49.978	Frequency Variation Index : 0.0411	Standard Deviation : 0.0603	Mileage: 46.0	FDI: 20.8
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Instantaneous Frequency		
Max	50.243	22:01:50
Min	49.795	18:17:00

15 minute Average Frequency		
Max	50.109	13:15:00
Min	49.853	18:30:00

No. of excursions	
above 50.03 Hz	105
below 49.97 Hz	126
above 50.00 Hz	149
below 50.00 Hz	150

Average time freq per excursion remains	
below 49.97	0:05:09
above 50.03	0:02:43

No. of hours freq outside 49.9-50.05 Hz	5:00:10
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Source : SLPR4:Frequency 10 Sec. (8640 samples)