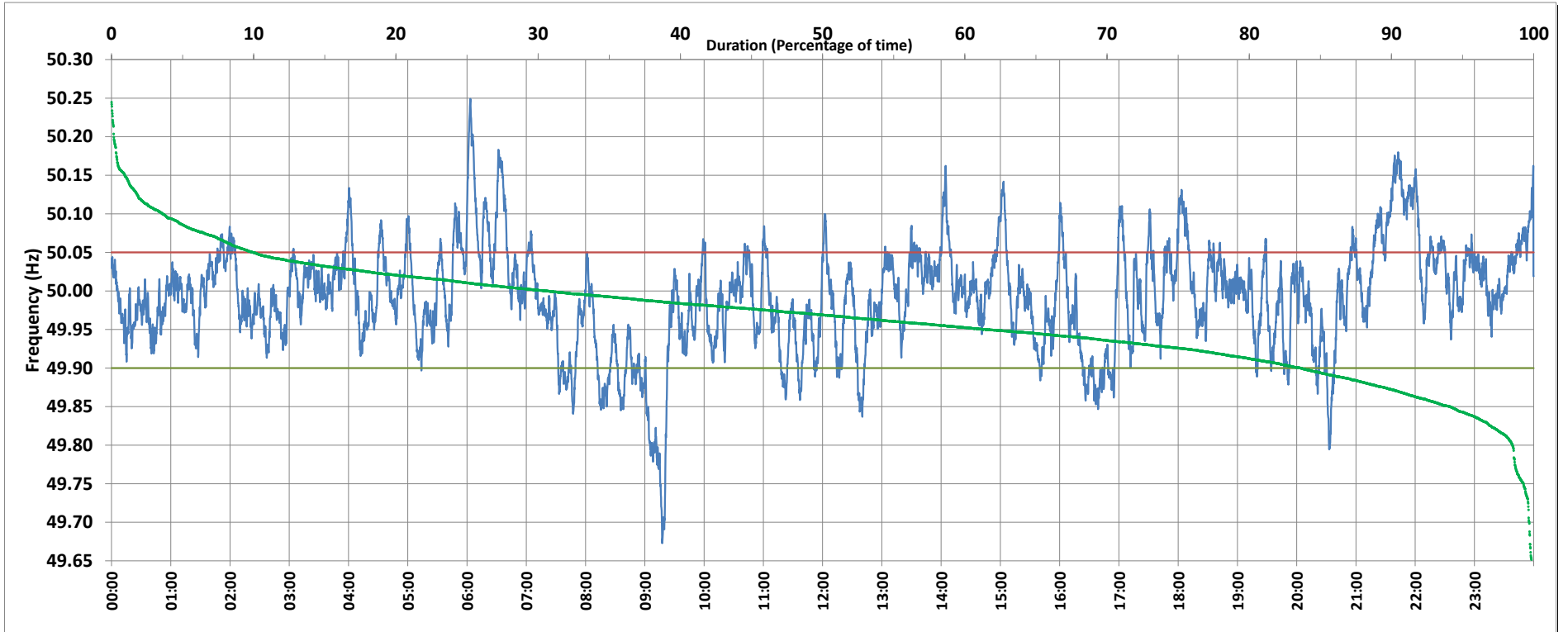


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Dec-2018 (Sunday)



<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
0.15	8.96	33.56	0.87	7.94	44.83	40.95	5.05	74.83	99.63	40.02	11.02	46.16	26.41	16.22	0.22	22.87	60.91	13.91

Average Frequency : 49.992	Frequency Variation Index : 0.0468	Standard Deviation : 0.0679	Mileage: 46.2	FDI: 25.2
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Instantaneous Frequency		
Max	50.249	6:03:20
Min	49.673	9:17:30

15 minute Average Frequency		
Max	50.131	21:45:00
Min	49.812	9:15:00

No. of excursions	
above 50.03 Hz	126
below 49.97 Hz	143
above 50.00 Hz	161
below 50.00 Hz	164

Average time freq per excursion remains	
below 49.97	0:03:23
above 50.03	0:03:01

No. of hours freq outside 49.9-50.05 Hz	6:02:30
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Source : SLPR4:Frequency 10 Sec. (8640 samples)