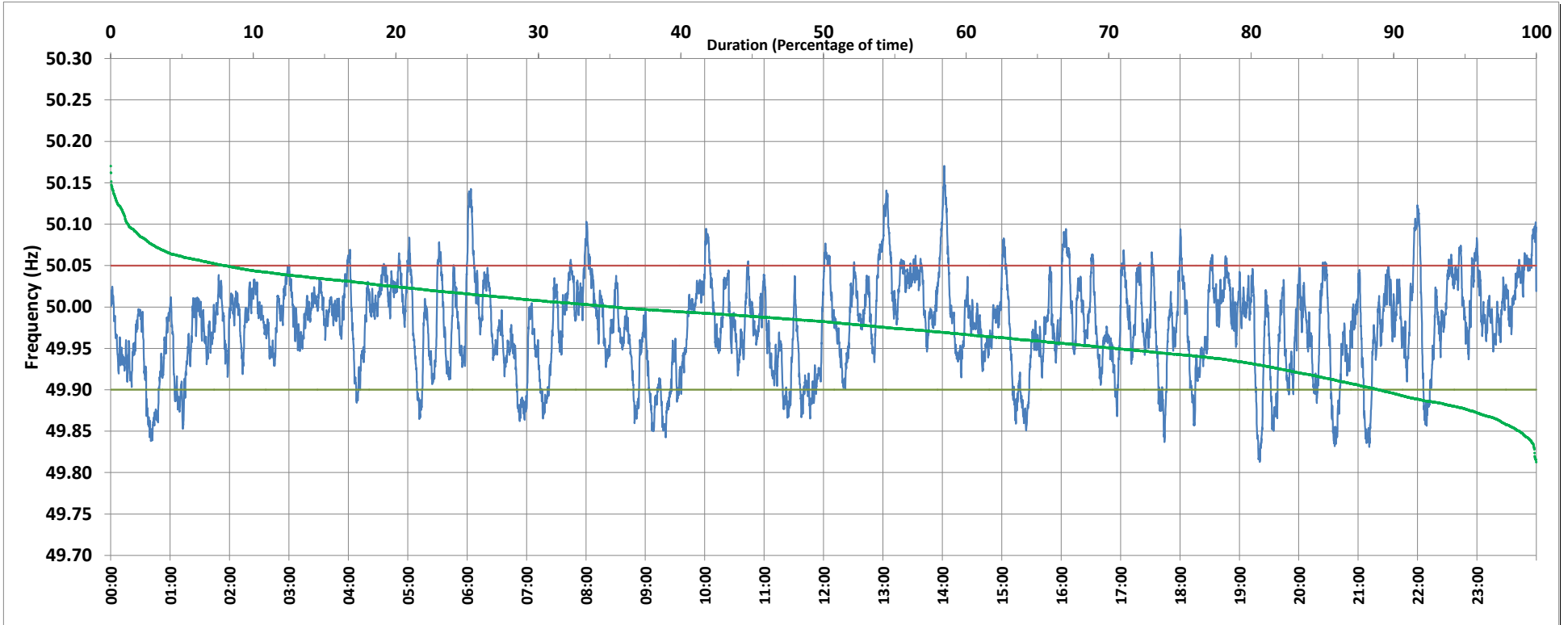


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-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	11.02	41.94	0.00	11.02	53.61	34.14	1.23	80.95	100.00	40.82	6.86	35.30	17.23	8.03	0.00	29.51	62.45	18.50

Average Frequency : 49.977	Frequency Variation Index : 0.0367	Standard Deviation : 0.0562	Mileage: 45.3	FDI: 19.1
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Instantaneous Frequency		
Max	50.170	14:01:50
Min	49.813	19:20:30

15 minute Average Frequency		
Max	50.060	13:15:00
Min	49.890	15:30:00

No. of excursions	
above 50.03 Hz	126
below 49.97 Hz	149
above 50.00 Hz	167
below 50.00 Hz	169

Average time freq per excursion remains	
below 49.97	0:04:03
above 50.03	0:01:58

No. of hours freq outside 49.9-50.05 Hz	4:34:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)