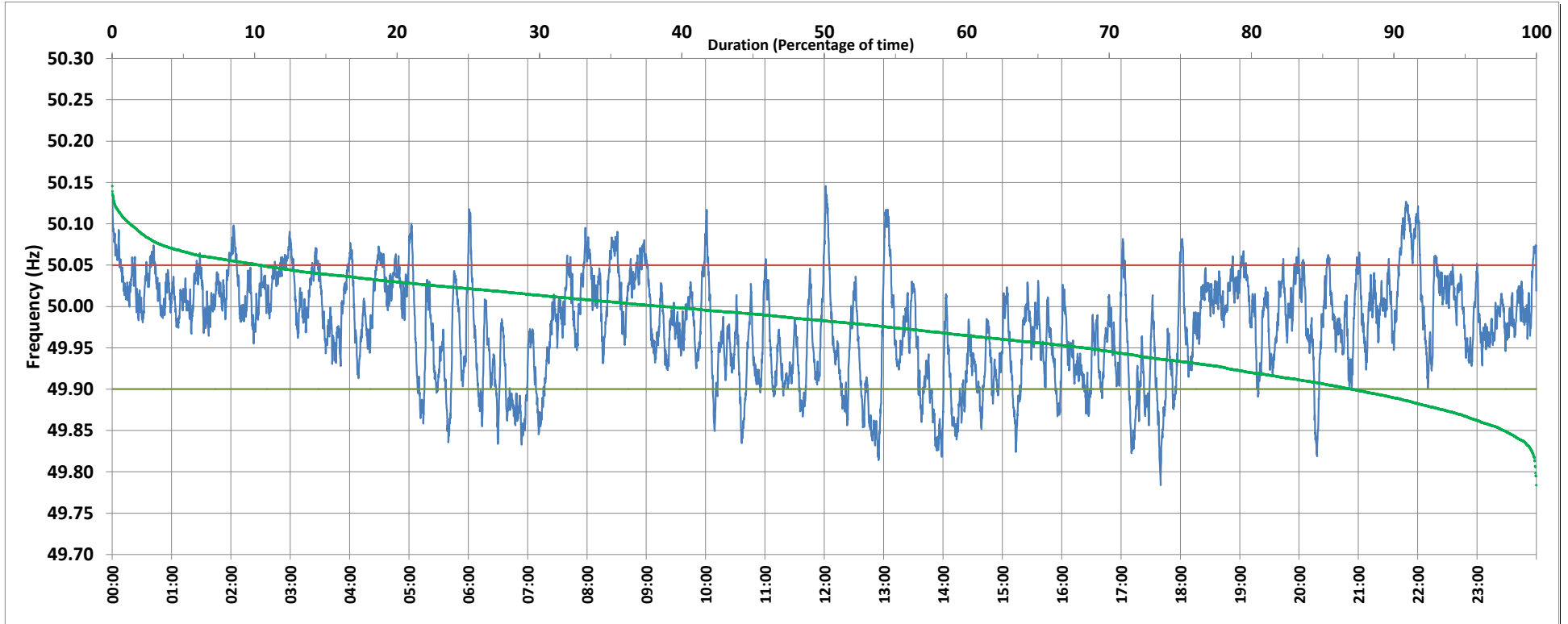


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-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	12.92	42.64	0.06	12.86	48.24	37.57	1.27	76.66	100.00	37.47	9.18	38.75	19.90	10.43	0.00	31.69	57.88	18.77

Average Frequency : 49.976	Frequency Variation Index : 0.0429	Standard Deviation : 0.0611	Mileage: 46.1	FDI: 23.3
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Instantaneous Frequency	
Max	50.146 12:01:20
Min	49.784 17:40:00

15 minute Average Frequency	
Max	50.098 22:00:00
Min	49.862 14:00:00

No. of excursions	
above 50.03 Hz	118
below 49.97 Hz	135
above 50.00 Hz	160
below 50.00 Hz	160

Average time freq per excursion remains	
below 49.97	0:04:33
above 50.03	0:02:26

No. of hours freq outside 49.9-50.05 Hz	5:36:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)