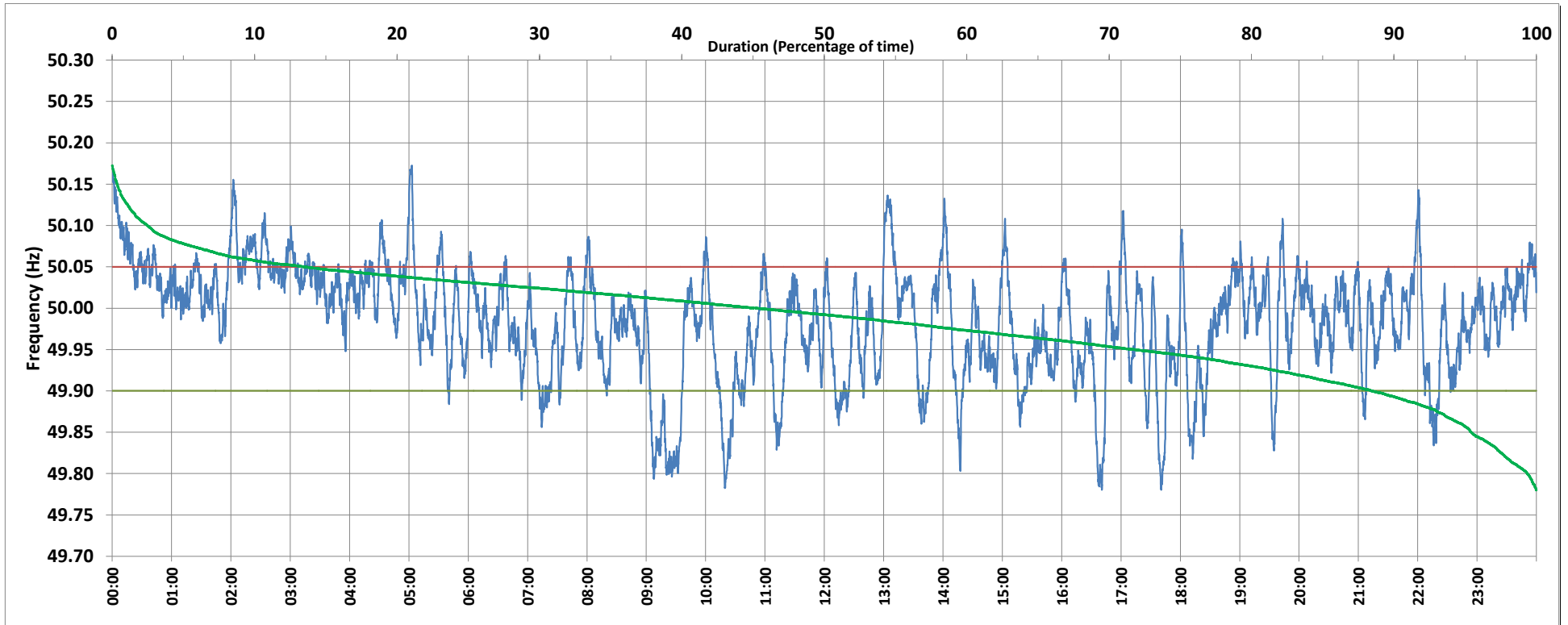


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-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	11.50	38.22	0.63	10.88	43.16	42.84	2.50	74.92	100.00	35.96	11.11	45.27	25.82	13.58	0.00	28.15	58.28	16.64

Average Frequency : 49.984	Frequency Variation Index : 0.0476	Standard Deviation : 0.0670	Mileage: 46.6	FDI: 25.1
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Instantaneous Frequency		
Max	50.173	5:02:50
Min	49.780	16:40:40

15 minute Average Frequency		
Max	50.110	0:15:00
Min	49.828	9:30:00

No. of excursions	
above 50.03 Hz	157
below 49.97 Hz	127
above 50.00 Hz	157
below 50.00 Hz	157

Average time freq per excursion remains	
below 49.97	0:04:20
above 50.03	0:02:22

No. of hours freq outside 49.9-50.05 Hz	6:01:10
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Source : SLPR4:Frequency 10 Sec. (8640 samples)