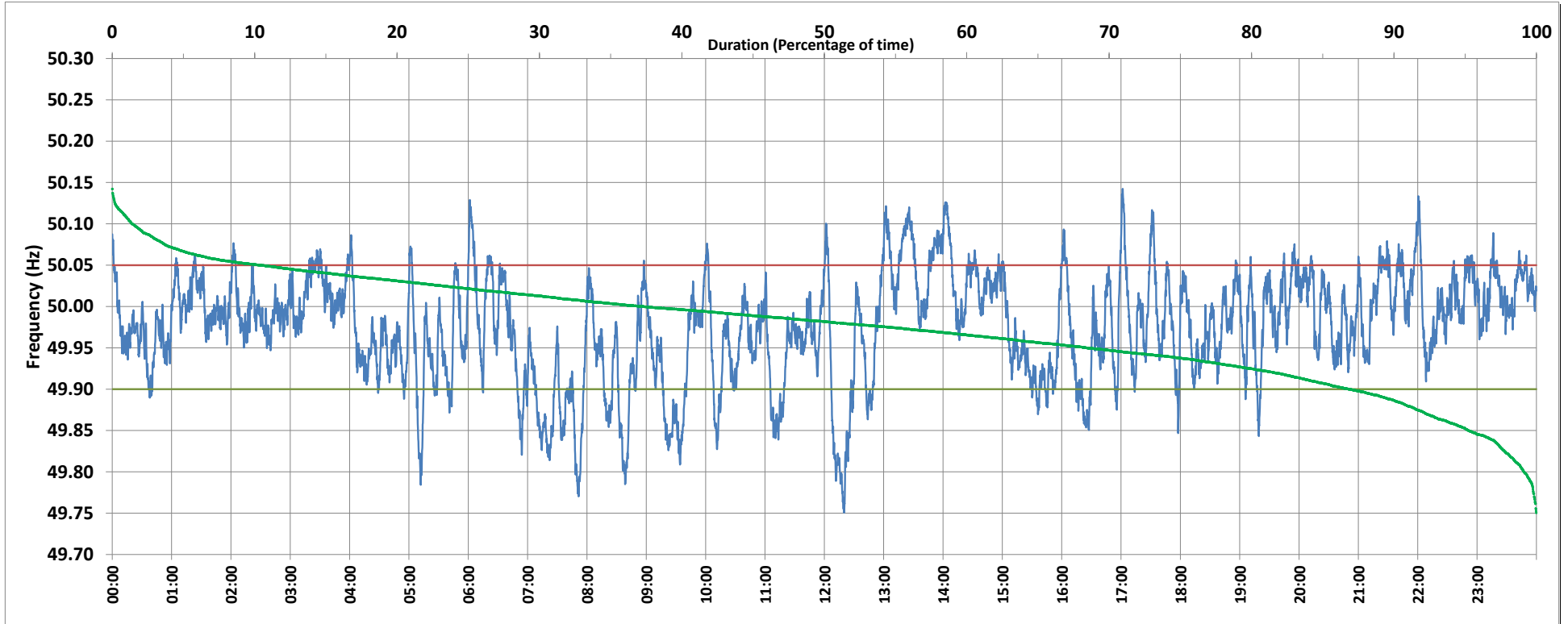


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-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	13.09	42.37	0.86	12.23	49.57	35.93	1.41	76.52	100.00	37.09	9.07	37.29	20.53	10.39	0.00	31.53	58.08	18.44

Average Frequency : 49.975	Frequency Variation Index : 0.0480	Standard Deviation : 0.0646	Mileage: 47.7	FDI: 23.5
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Instantaneous Frequency		
Max	50.142	17:01:40
Min	49.751	12:20:00

15 minute Average Frequency		
Max	50.087	13:30:00
Min	49.827	12:30:00

No. of excursions	
above 50.03 Hz	122
below 49.97 Hz	141
above 50.00 Hz	173
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:04:20
above 50.03	0:02:25

No. of hours freq outside 49.9-50.05 Hz	5:38:10
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Source : HISSAR:Frequency 10 Sec. (8640 samples)