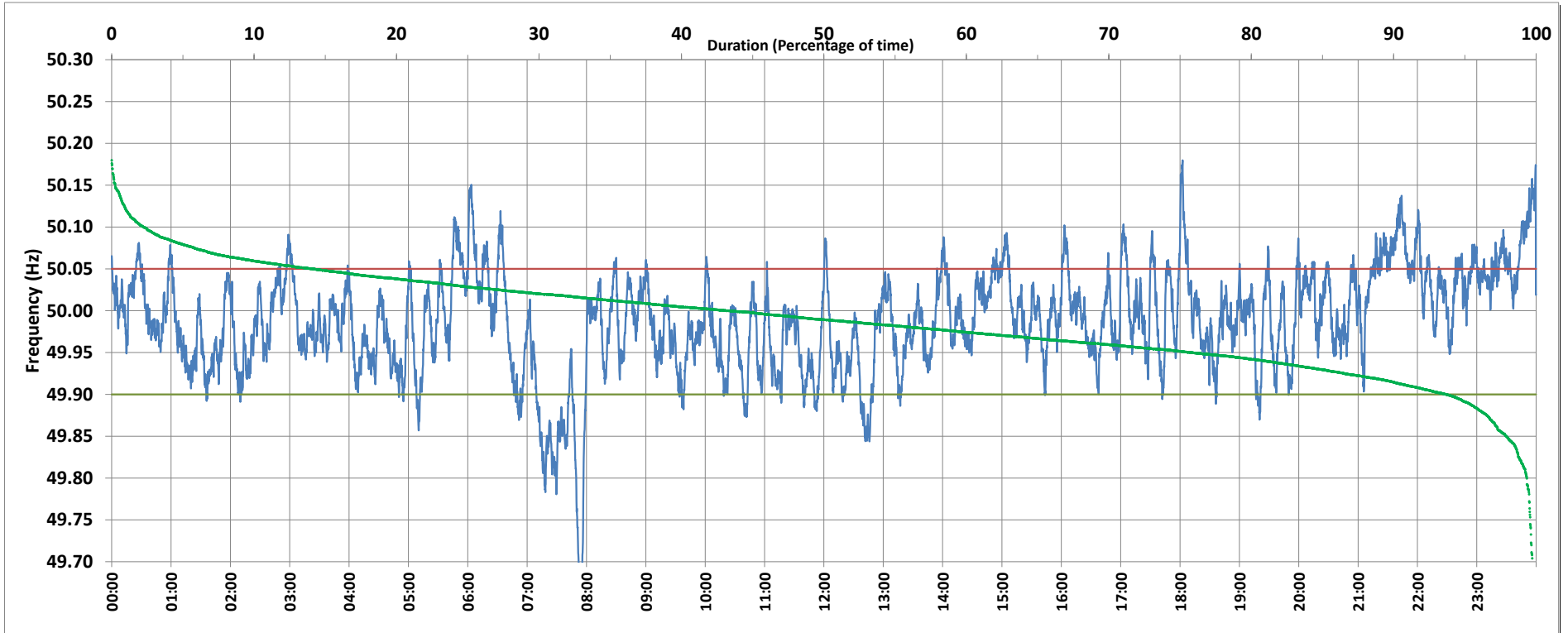


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-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
0.27	6.30	37.04	0.39	5.64	50.32	41.11	2.27	79.53	99.73	38.70	11.98	43.29	24.26	14.18	0.00	24.14	61.68	17.85

Average Frequency : 49.988	Frequency Variation Index : 0.0388	Standard Deviation : 0.0611	Mileage: 47.4	FDI: 20.5
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Instantaneous Frequency		
Max	50.180	18:02:30
Min	49.671	7:54:40

15 minute Average Frequency		
Max	50.115	0:00:00
Min	49.791	8:00:00

No. of excursions	
above 50.03 Hz	135
below 49.97 Hz	159
above 50.00 Hz	161
below 50.00 Hz	160

Average time freq per excursion remains	
below 49.97	0:03:21
above 50.03	0:02:35

No. of hours freq outside 49.9-50.05 Hz	4:54:50
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Source : HISSAR:Frequency 10 Sec. (8640 samples)