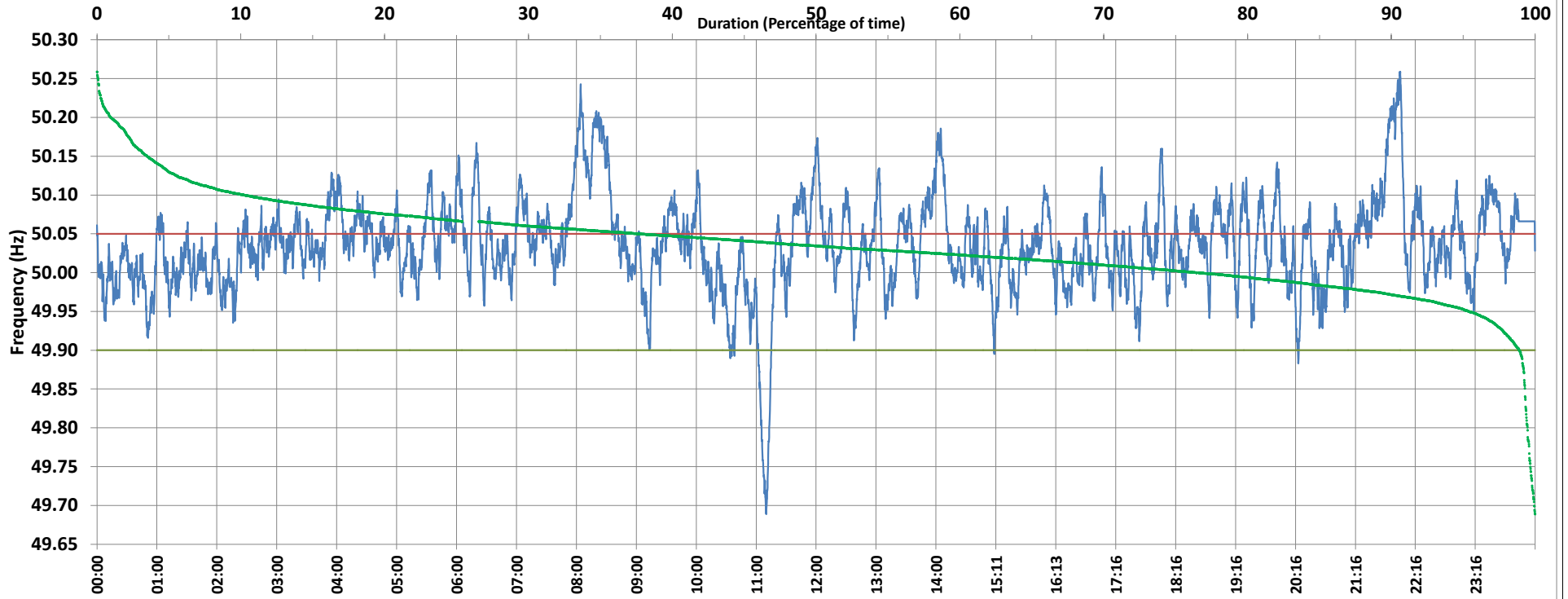


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 26-Dec-2019 (Thursday)



<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
0.07	1.10	9.43	0.46	0.57	22.30	66.34	9.29	61.12	98.97	36.90	27.62	76.44	53.67	37.78	0.96	4.58	57.64	3.48

Average Frequency : 50.036	Frequency Variation Index : 0.0473	Standard Deviation : 0.0588	Mileage: 49.4	FDI: 38.9
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Instantaneous Frequency		
Max	50.259	22:01:20
Min	49.689	11:10:00

15 minute Average Frequency		
Max	50.202	21:45:00
Min	49.804	11:15:00

No. of excursions	
above 50.03 Hz	215
below 49.97 Hz	86
above 50.00 Hz	155
below 50.00 Hz	152

Average time freq per excursion remains	
below 49.97	0:01:35
above 50.03	0:03:36

No. of hours freq outside 49.9-50.05 Hz	9:19:50
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Source : HISSAR:Frequency 10 Sec. (8640 samples)