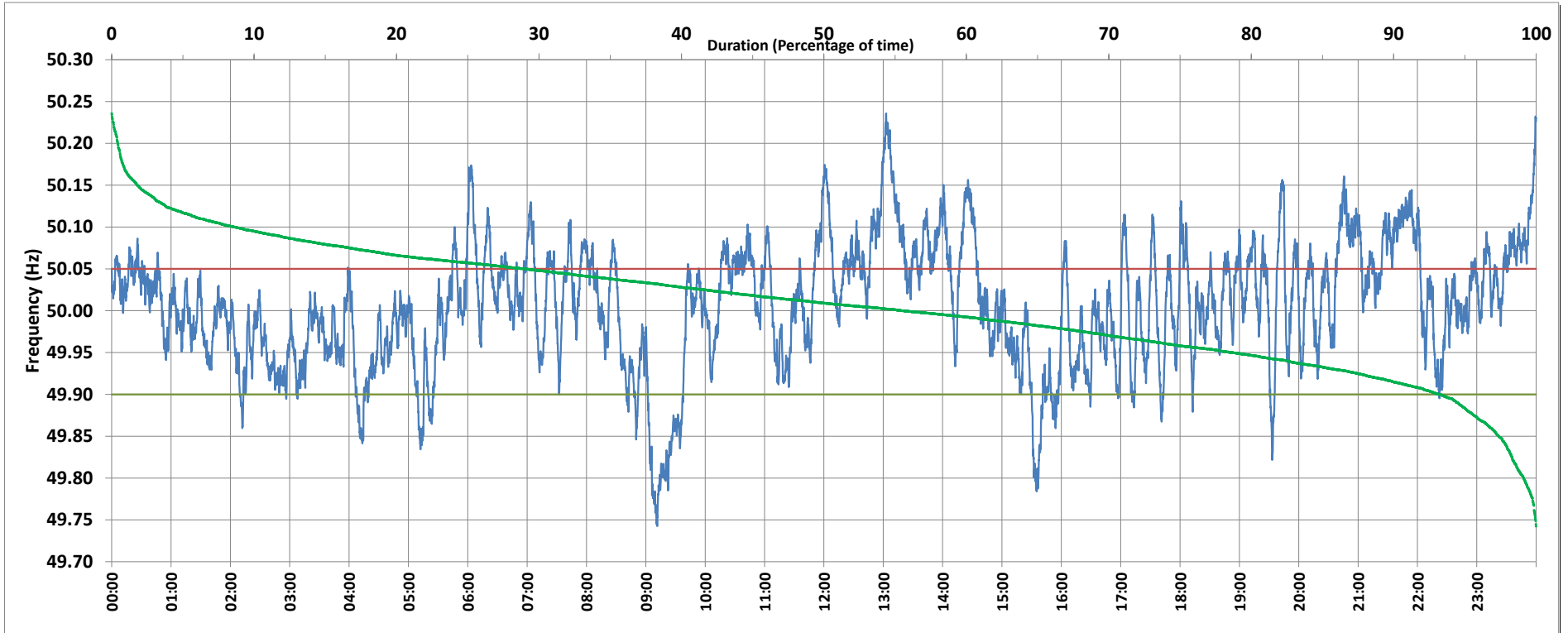


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 26-Jan-2019 (Saturday)



<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	6.70	29.83	0.87	5.83	37.70	46.93	8.25	64.26	99.58	31.11	20.43	55.54	39.06	29.04	0.42	21.33	49.63	14.63

Average Frequency : 50.006	Frequency Variation Index : 0.0539	Standard Deviation : 0.0731	Mileage: 49.3	FDI: 35.7
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Instantaneous Frequency		
Max	50.236	13:02:50
Min	49.743	9:11:20

15 minute Average Frequency		
Max	50.174	13:15:00
Min	49.816	9:15:00

No. of excursions	
above 50.03 Hz	121
below 49.97 Hz	99
above 50.00 Hz	146
below 50.00 Hz	144

Average time freq per excursion remains	
below 49.97	0:04:20
above 50.03	0:04:39

No. of hours freq outside 49.9-50.05 Hz	8:34:40
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Source : HISSAR:Frequency 10 Sec. (8640 samples)