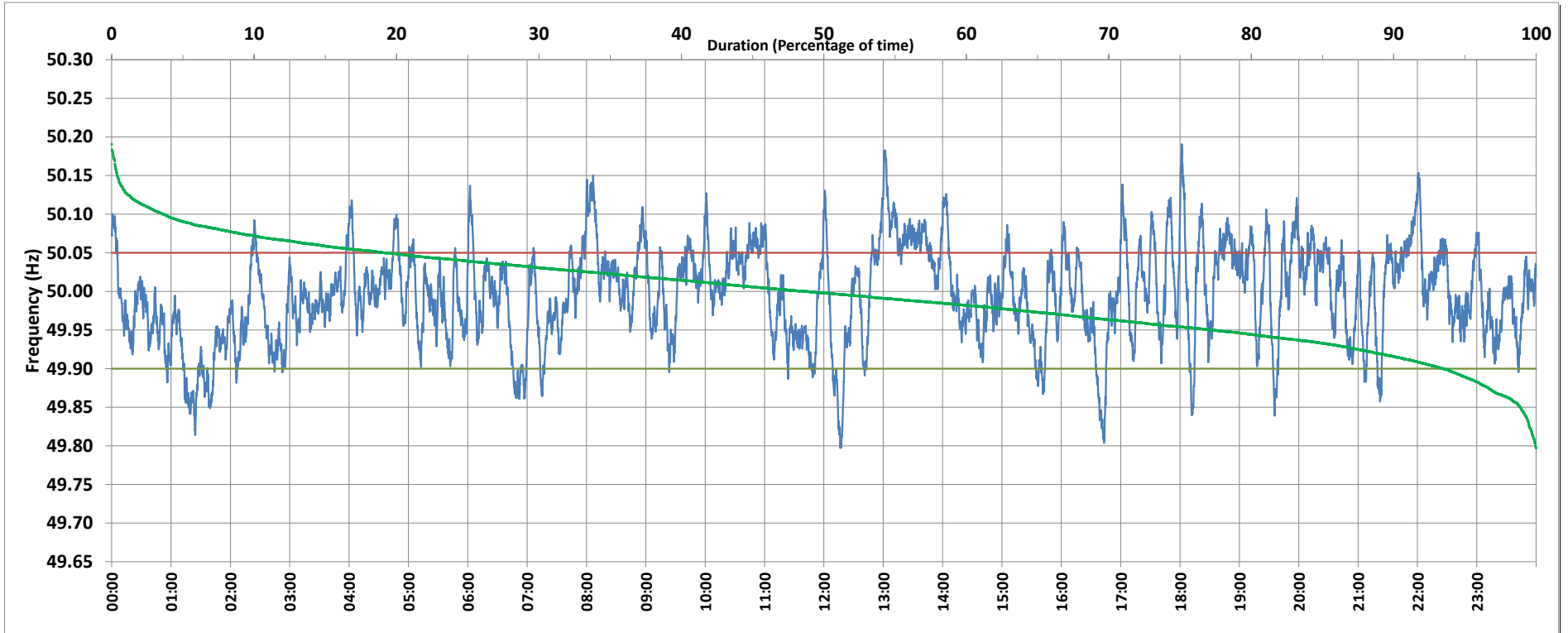


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-Jan-2019 (Tuesday)



<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	6.50	33.32	0.05	6.46	44.66	45.19	3.65	74.31	100.00	36.24	15.65	48.74	30.44	19.19	0.00	22.65	58.16	16.15

Average Frequency : 49.996	Frequency Variation Index : 0.0379	Standard Deviation : 0.0614	Mileage: 48.0	FDI: 25.7
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Instantaneous Frequency		
Max	50.191	18:01:40
Min	49.797	12:16:30

15 minute Average Frequency		
Max	50.113	13:15:00
Min	49.866	1:30:00

No. of excursions	
above 50.03 Hz	136
below 49.97 Hz	119
above 50.00 Hz	151
below 50.00 Hz	151

Average time freq per excursion remains	
below 49.97	0:04:02
above 50.03	0:03:13

No. of hours freq outside 49.9-50.05 Hz	6:10:00
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Source : HISSAR:Frequency 10 Sec. (8640 samples)