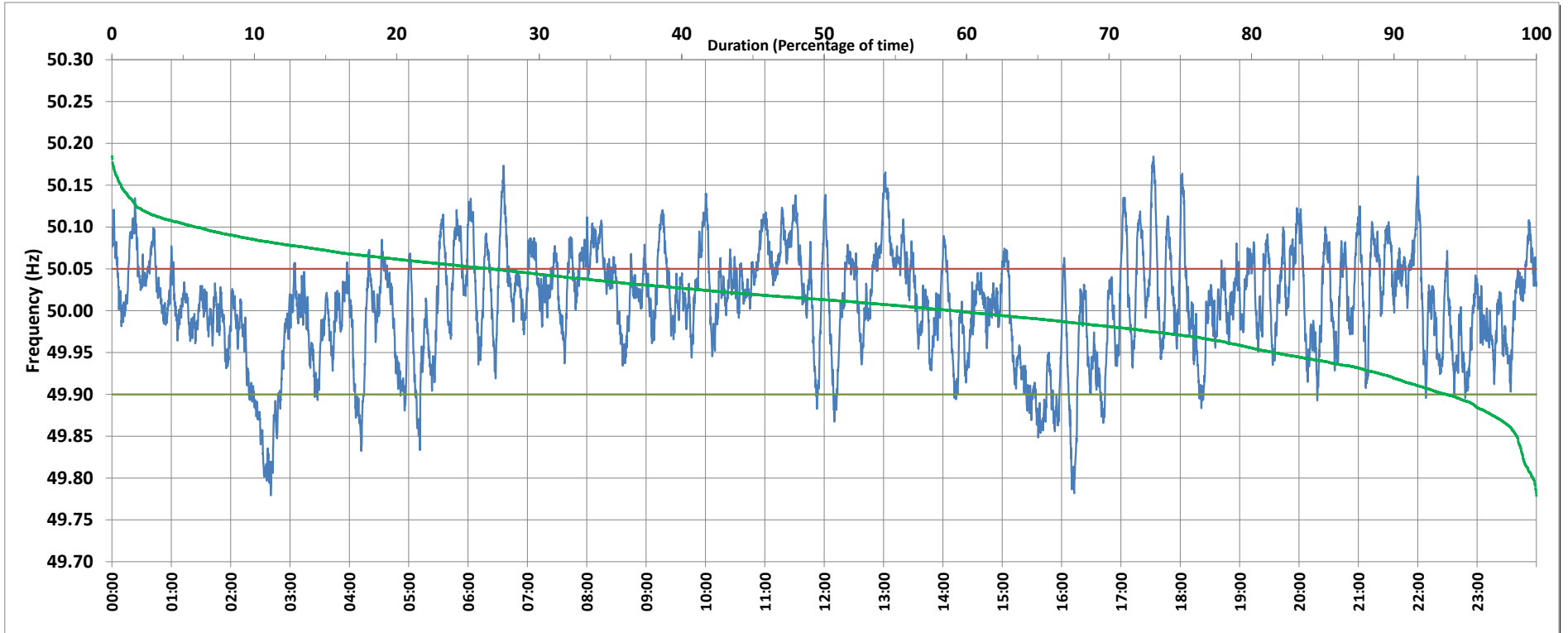


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-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	6.32	24.61	0.25	6.06	34.51	53.25	5.91	67.04	100.00	37.41	20.82	59.10	37.99	26.64	0.00	18.37	54.99	12.05

Average Frequency : 50.008	Frequency Variation Index : 0.0418	Standard Deviation : 0.0642	Mileage: 49.9	FDI: 33.0
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Instantaneous Frequency		
Max	50.184	17:32:40
Min	49.779	2:40:30

15 minute Average Frequency		
Max	50.096	13:15:00
Min	49.826	2:45:00

No. of excursions	
above 50.03 Hz	156
below 49.97 Hz	112
above 50.00 Hz	166
below 50.00 Hz	162

Average time freq per excursion remains	
below 49.97	0:03:10
above 50.03	0:03:30

No. of hours freq outside 49.9-50.05 Hz	7:54:40
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Source : HISSAR:Frequency 10 Sec. (8640 samples)