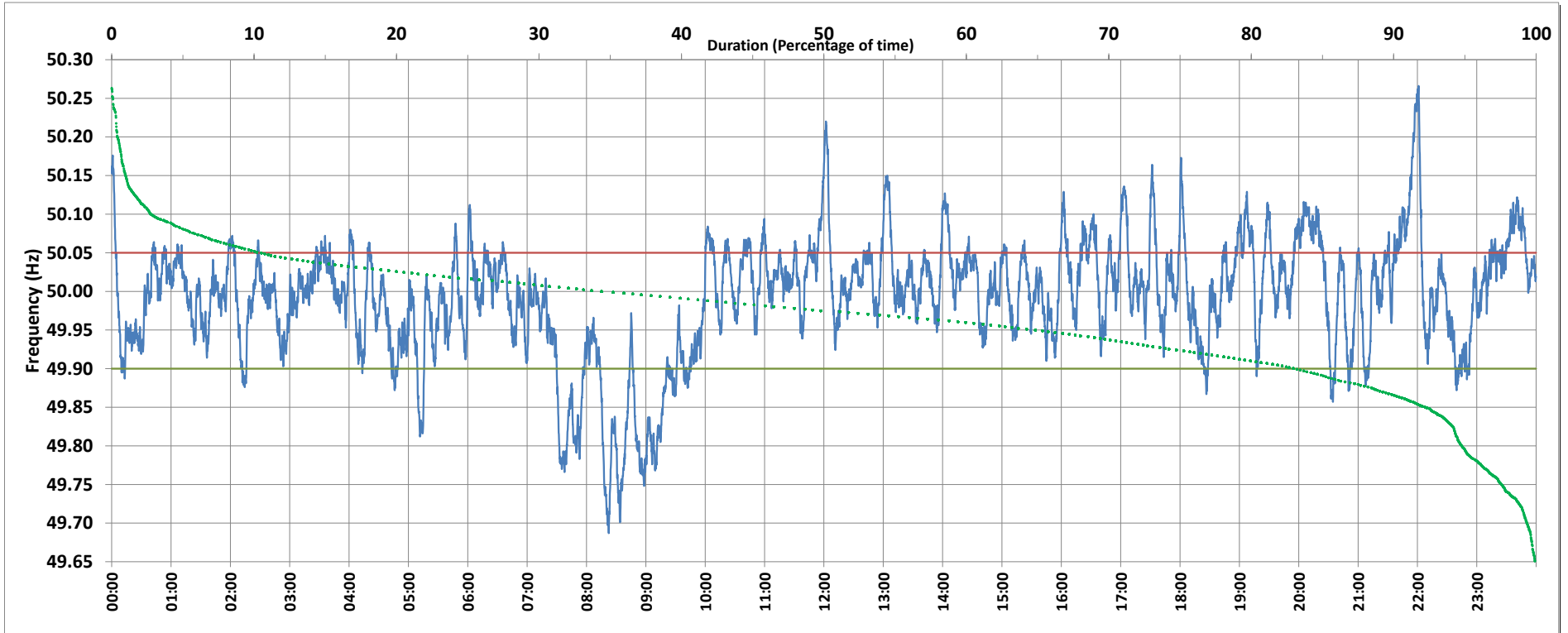


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-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
0.06	9.98	31.46	2.65	7.27	38.91	46.32	4.25	71.71	99.40	38.33	14.18	49.76	30.21	18.31	0.54	23.58	58.11	13.60

Average Frequency : 49.992	Frequency Variation Index : 0.0588	Standard Deviation : 0.0763	Mileage: 48.0	FDI: 28.3
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Instantaneous Frequency		
Max	50.266	22:01:10
Min	49.687	8:22:30

15 minute Average Frequency		
Max	50.146	22:00:00
Min	49.775	8:30:00

No. of excursions	
above 50.03 Hz	124
below 49.97 Hz	82
above 50.00 Hz	113
below 50.00 Hz	117

Average time freq per excursion remains	
below 49.97	0:05:31
above 50.03	0:03:30

No. of hours freq outside 49.9-50.05 Hz	6:47:20
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)