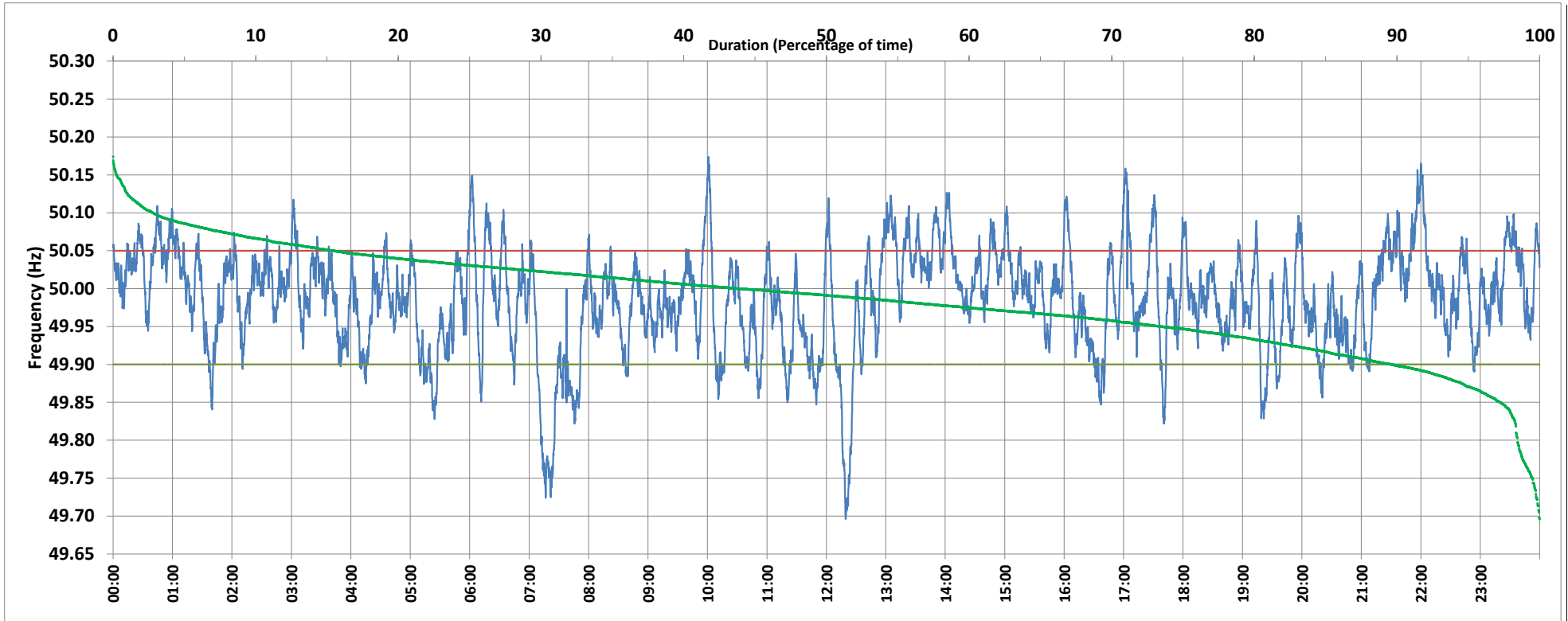


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-Jan-2020 (Friday)



<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
0.03	10.31	36.88	1.52	8.76	45.69	41.18	2.81	74.20	99.97	37.69	12.70	43.81	25.44	15.49	0.00	26.46	58.06	16.15

Average Frequency : 49.986	Frequency Variation Index : 0.0477	Standard Deviation : 0.0676	Mileage: 52.5	FDI: 25.8
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Instantaneous Frequency		
Max	50.174	10:00:50
Min	49.696	12:19:20

15 minute Average Frequency		
Max	50.074	22:00:00
Min	49.793	7:30:00

No. of excursions	
above 50.03 Hz	147
below 49.97 Hz	157
above 50.00 Hz	175
below 50.00 Hz	173

Average time freq per excursion remains	
below 49.97	0:03:23
above 50.03	0:02:30

No. of hours freq outside 49.9-50.05 Hz	6:11:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)