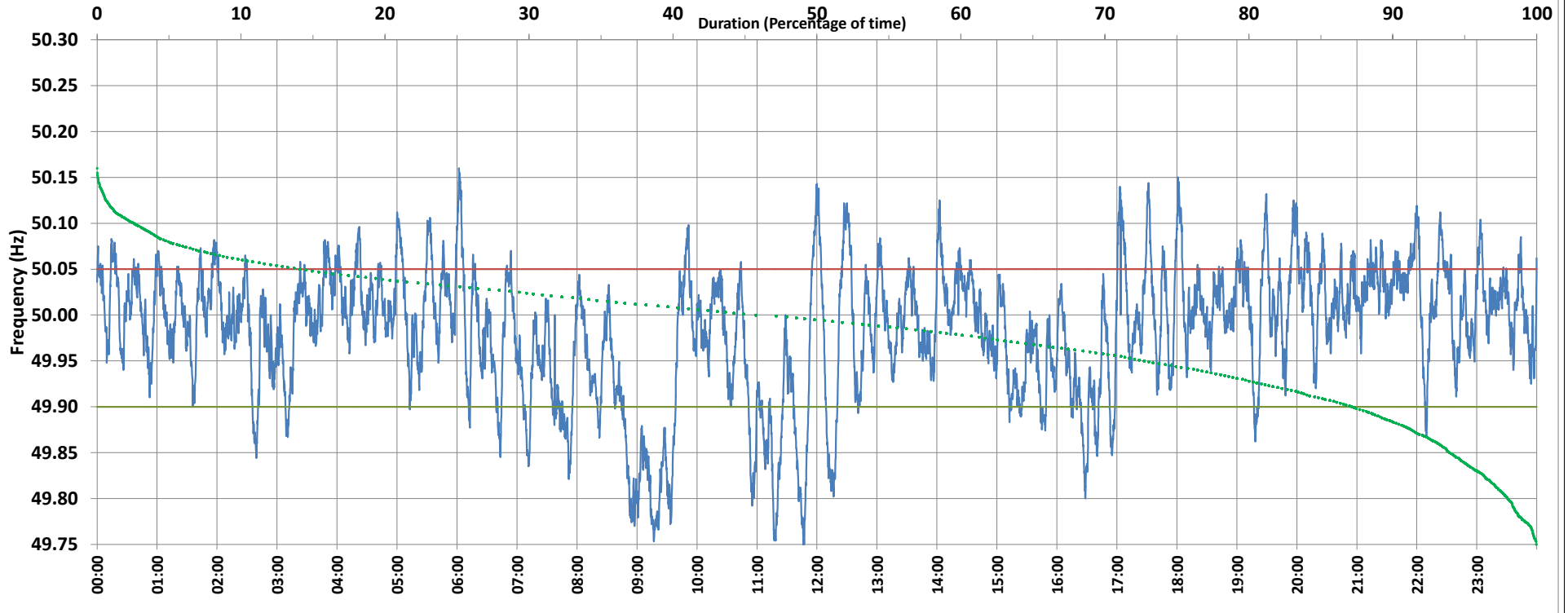


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 31-Dec-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	12.70	35.52	1.98	10.72	40.15	44.51	2.64	73.23	100.00	38.61	11.92	45.73	25.87	14.07	0.00	26.96	58.97	14.26

Average Frequency : 49.983	Frequency Variation Index : 0.0533	Standard Deviation : 0.0710	Mileage: 52.5	FDI: 26.8
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Instantaneous Frequency		
Max	50.160	6:02:00
Min	49.749	11:46:40

15 minute Average Frequency		
Max	50.056	22:00:00
Min	49.807	9:30:00

No. of excursions	
above 50.03 Hz	153
below 49.97 Hz	113
above 50.00 Hz	140
below 50.00 Hz	123

Average time freq per excursion remains	
below 49.97	0:04:32
above 50.03	0:02:26

No. of hours freq outside 49.9-50.05 Hz	6:25:30
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Source : BALLIA:Frequency 10 Sec. (8640 samples)