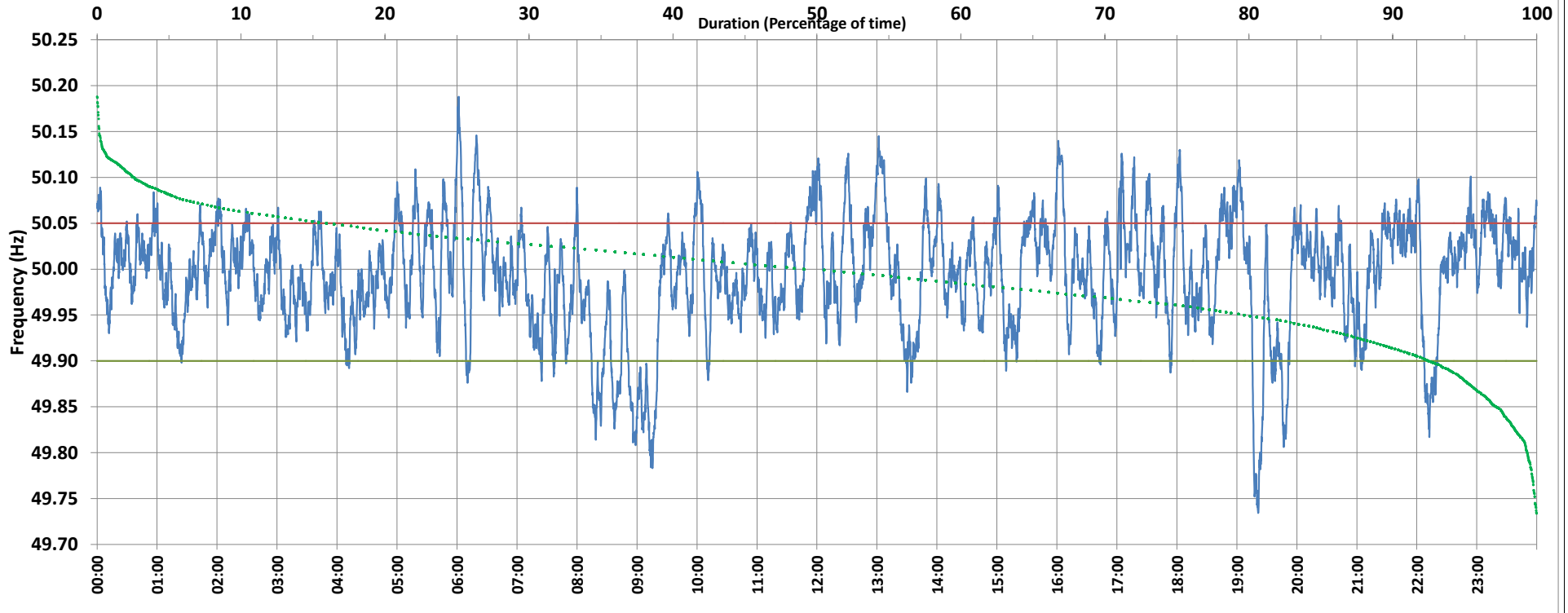


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 25-Dec-2019 (Wednesday)



<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	7.35	29.99	0.65	6.70	42.16	47.86	2.63	76.74	100.00	42.20	13.87	49.07	27.81	15.91	0.00	19.94	64.14	12.59

Average Frequency : 49.994	Frequency Variation Index : 0.0382	Standard Deviation : 0.0616	Mileage: 50.2	FDI: 23.3
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Instantaneous Frequency		
Max	50.188	6:01:40
Min	49.734	19:21:10

15 minute Average Frequency		
Max	50.074	13:15:00
Min	49.840	19:30:00

No. of excursions	
above 50.03 Hz	145
below 49.97 Hz	122
above 50.00 Hz	128
below 50.00 Hz	125

Average time freq per excursion remains	
below 49.97	0:03:32
above 50.03	0:02:46

No. of hours freq outside 49.9-50.05 Hz	5:35:00
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Source : BALLIA:Frequency 10 Sec. (8640 samples)