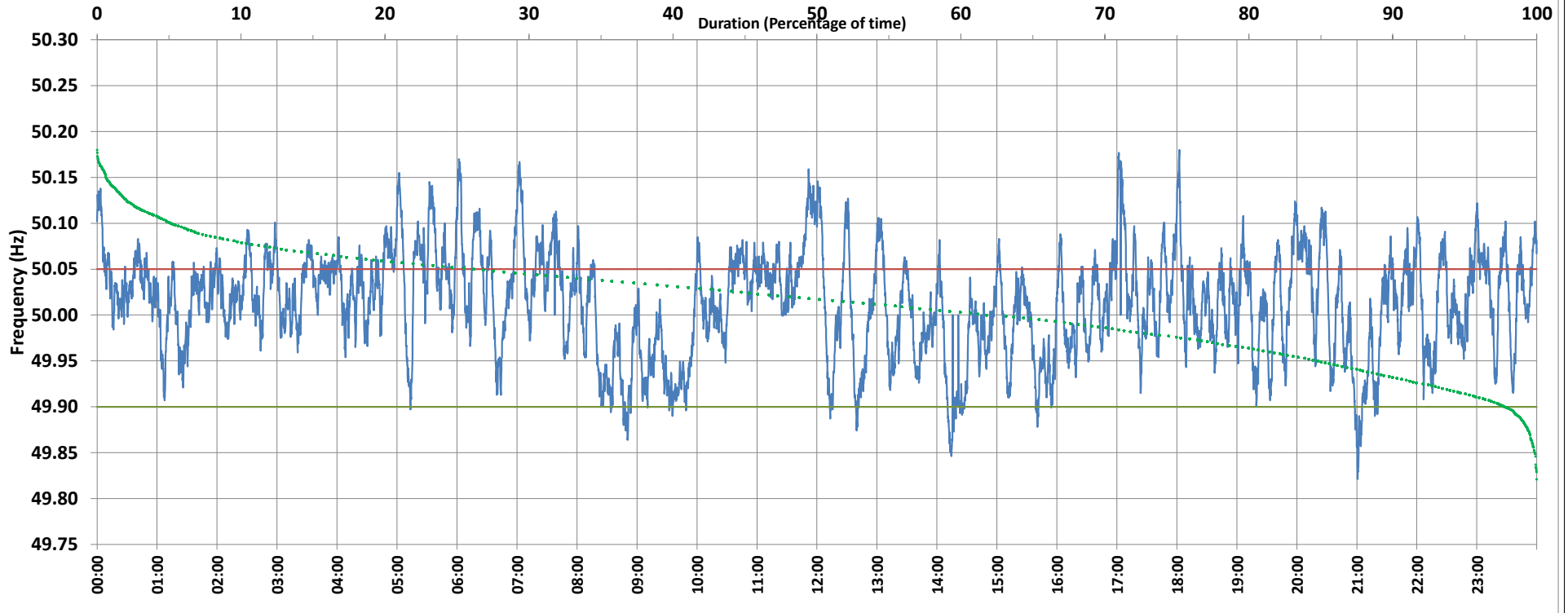


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Dec-2019 (Saturday)



<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	2.09	22.20	0.00	2.09	34.79	57.86	5.25	71.75	100.00	36.75	21.69	61.78	41.05	26.16	0.00	14.98	58.87	12.88

Average Frequency : 50.013	Frequency Variation Index : 0.0335	Standard Deviation : 0.0563	Mileage: 52.3	FDI: 28.3
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Instantaneous Frequency		
Max	50.180	18:02:20
Min	49.821	21:00:40

15 minute Average Frequency		
Max	50.109	12:00:00
Min	49.907	14:30:00

No. of excursions	
above 50.03 Hz	160
below 49.97 Hz	92
above 50.00 Hz	121
below 50.00 Hz	125

Average time freq per excursion remains	
below 49.97	0:03:28
above 50.03	0:03:42

No. of hours freq outside 49.9-50.05 Hz	6:46:50
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)