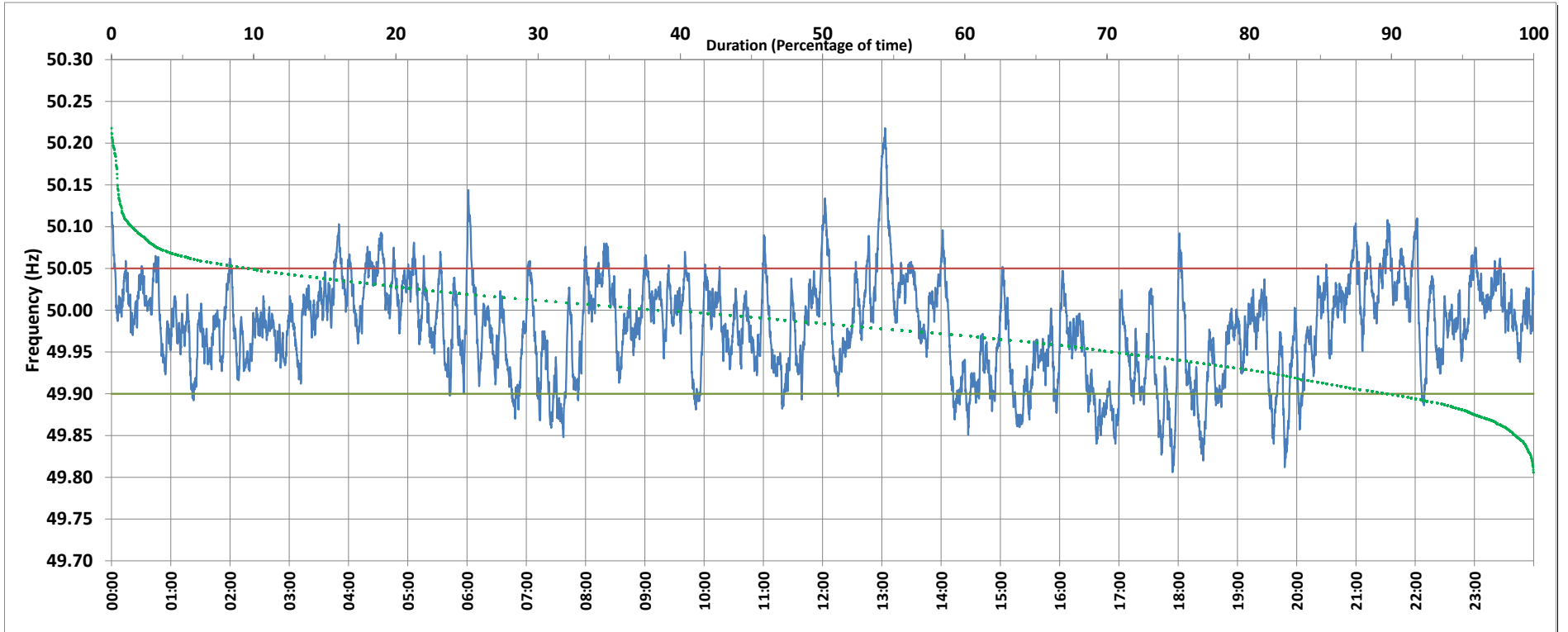


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Dec-2018 (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	9.93	39.59	0.00	9.93	50.21	38.38	1.37	80.45	99.88	41.28	8.61	38.41	19.12	9.62	0.12	29.13	61.25	19.20

Average Frequency : 49.980	Frequency Variation Index : 0.0377	Standard Deviation : 0.0581	Mileage: 45.4	FDI: 19.5
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Instantaneous Frequency		
Max	50.218	13:03:10
Min	49.806	17:54:10

15 minute Average Frequency		
Max	50.102	13:15:00
Min	49.874	18:30:00

No. of excursions	
above 50.03 Hz	88
below 49.97 Hz	109
above 50.00 Hz	109
below 50.00 Hz	113

Average time freq per excursion remains	
below 49.97	0:05:14
above 50.03	0:03:08

No. of hours freq outside 49.9-50.05 Hz	4:41:30
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)