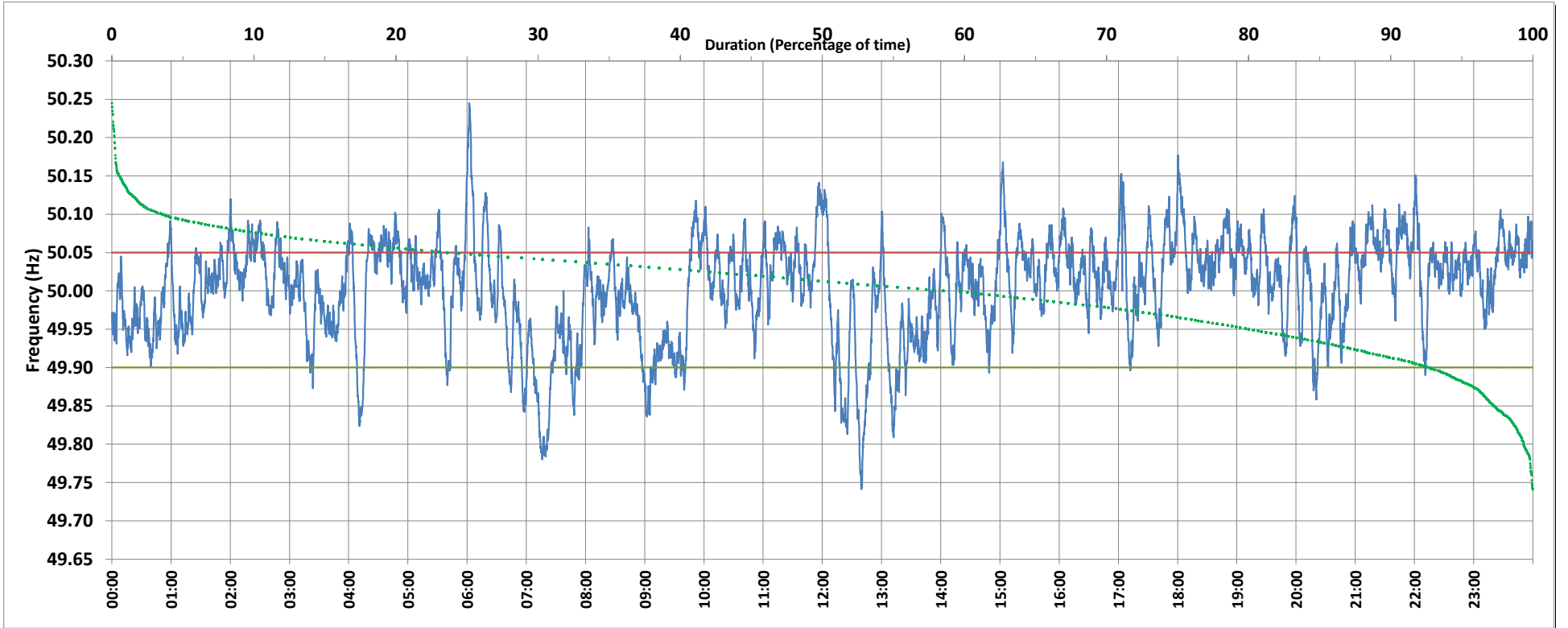


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Dec-2019 (Thursday)



<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	7.21	26.17	0.65	6.56	33.10	55.98	3.52	69.19	99.81	35.32	20.87	58.51	38.51	23.60	0.19	19.66	56.74	12.45

Average Frequency : 50.004	Frequency Variation Index : 0.0435	Standard Deviation : 0.0659	Mileage: 52.4	FDI: 30.8
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Instantaneous Frequency		
Max	50.245	6:02:10
Min	49.741	12:39:30

15 minute Average Frequency		
Max	50.081	6:15:00
Min	49.845	7:30:00

No. of excursions	
above 50.03 Hz	153
below 49.97 Hz	77
above 50.00 Hz	115
below 50.00 Hz	111

Average time freq per excursion remains	
below 49.97	0:04:54
above 50.03	0:03:37

No. of hours freq outside 49.9-50.05 Hz	7:23:40
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Source : KOLAR:Frequency 10 Sec. (8640 samples)