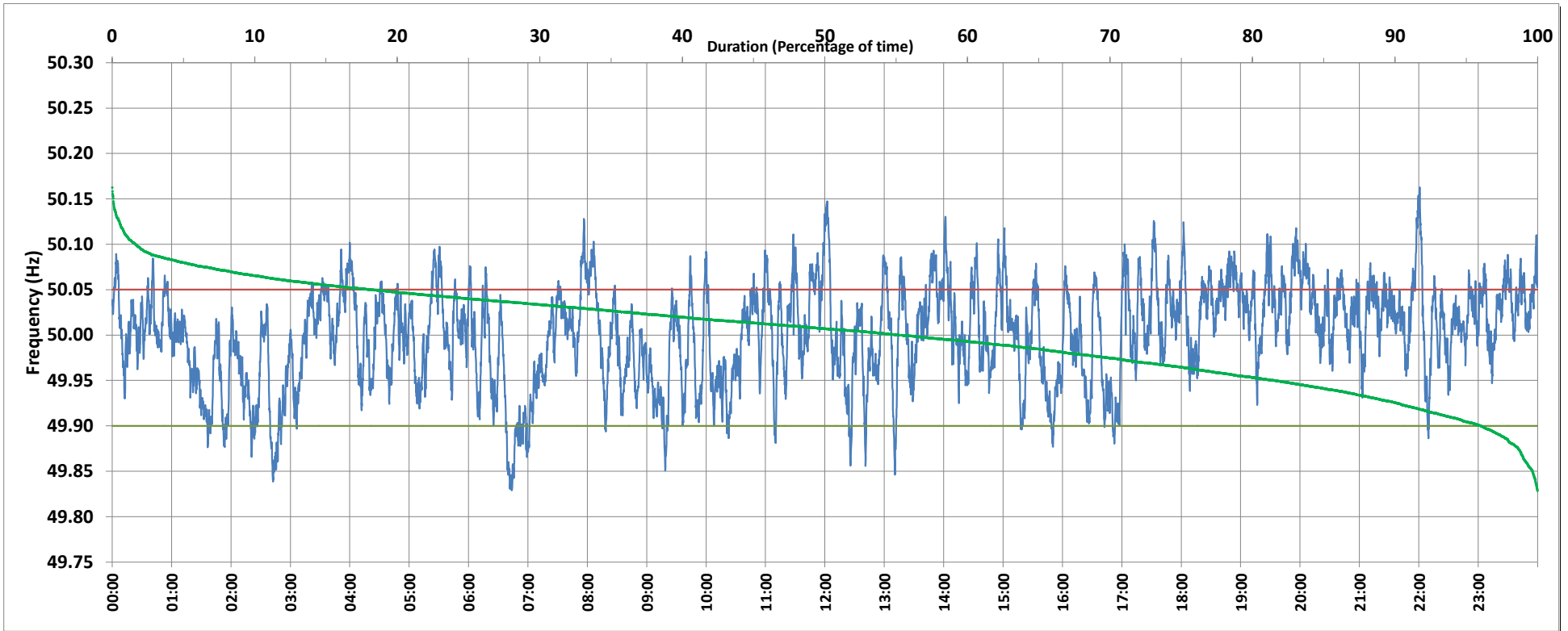


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 06-Dec-2019 (Friday)



<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	3.98	27.75	0.00	3.98	40.64	53.73	1.66	77.87	100.00	39.61	16.57	55.17	32.64	18.15	0.00	18.39	63.46	14.41

Average Frequency : 50.001	Frequency Variation Index : 0.0290	Standard Deviation : 0.0538	Mileage: 54.3	FDI: 22.1
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Instantaneous Frequency		
Max	50.163	22:00:50
Min	49.829	6:43:40

15 minute Average Frequency		
Max	50.064	12:00:00
Min	49.891	7:00:00

No. of excursions	
above 50.03 Hz	216
below 49.97 Hz	140
above 50.00 Hz	184
below 50.00 Hz	183

Average time freq per excursion remains	
below 49.97	0:02:51
above 50.03	0:02:11

No. of hours freq outside 49.9-50.05 Hz	5:18:40
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Source : MPPTCL BINA:Frequency 10 Sec. (8640 samples)