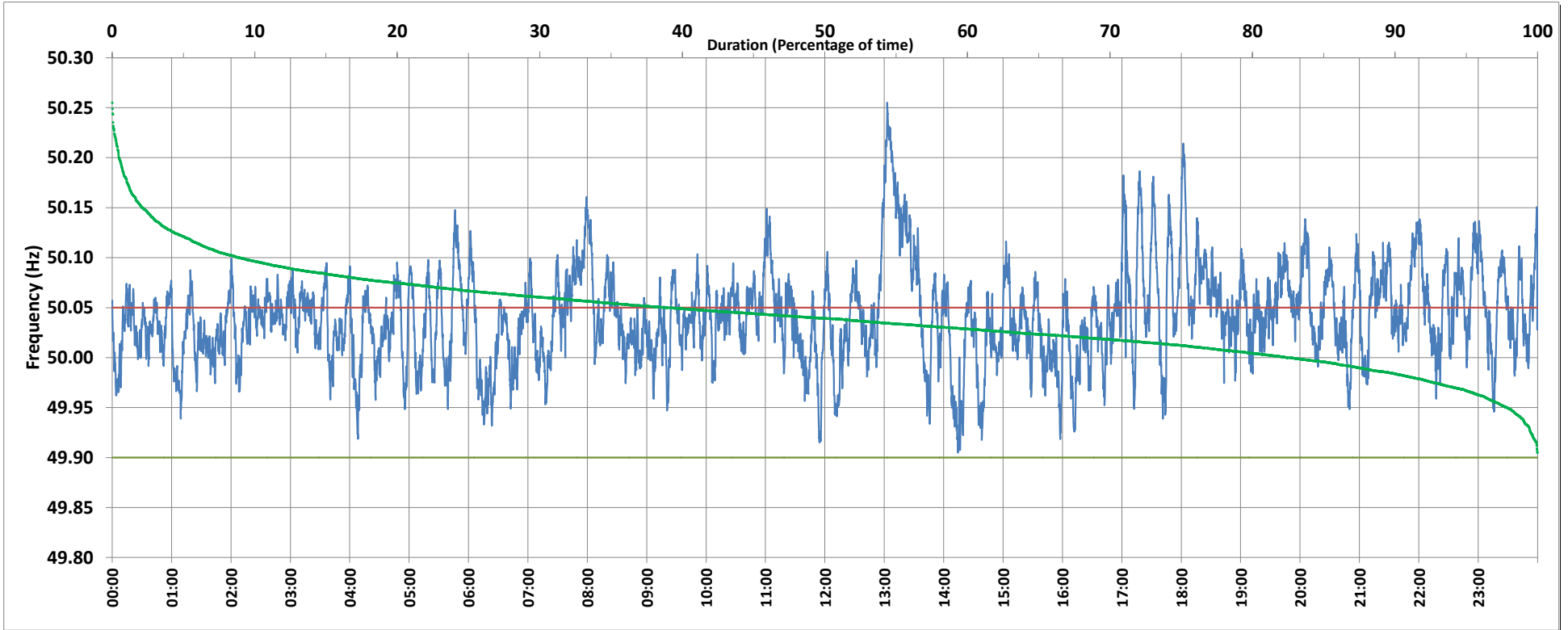


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-Nov-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	0.00	5.79	0.00	0.00	17.34	73.70	8.47	61.03	99.51	35.41	30.22	82.48	58.81	38.97	0.49	2.14	58.89	2.14

Average Frequency : 50.041	Frequency Variation Index : 0.0382	Standard Deviation : 0.0465	Mileage: 54.1	FDI: 39.0
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Instantaneous Frequency		
Max	50.255	13:03:00
Min	49.905	14:14:30

15 minute Average Frequency		
Max	50.192	13:15:00
Min	49.973	6:30:00

No. of excursions	
above 50.03 Hz	251
below 49.97 Hz	73
above 50.00 Hz	145
below 50.00 Hz	145

Average time freq per excursion remains	
below 49.97	0:01:08
above 50.03	0:03:22

No. of hours freq outside 49.9-50.05 Hz	9:21:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)