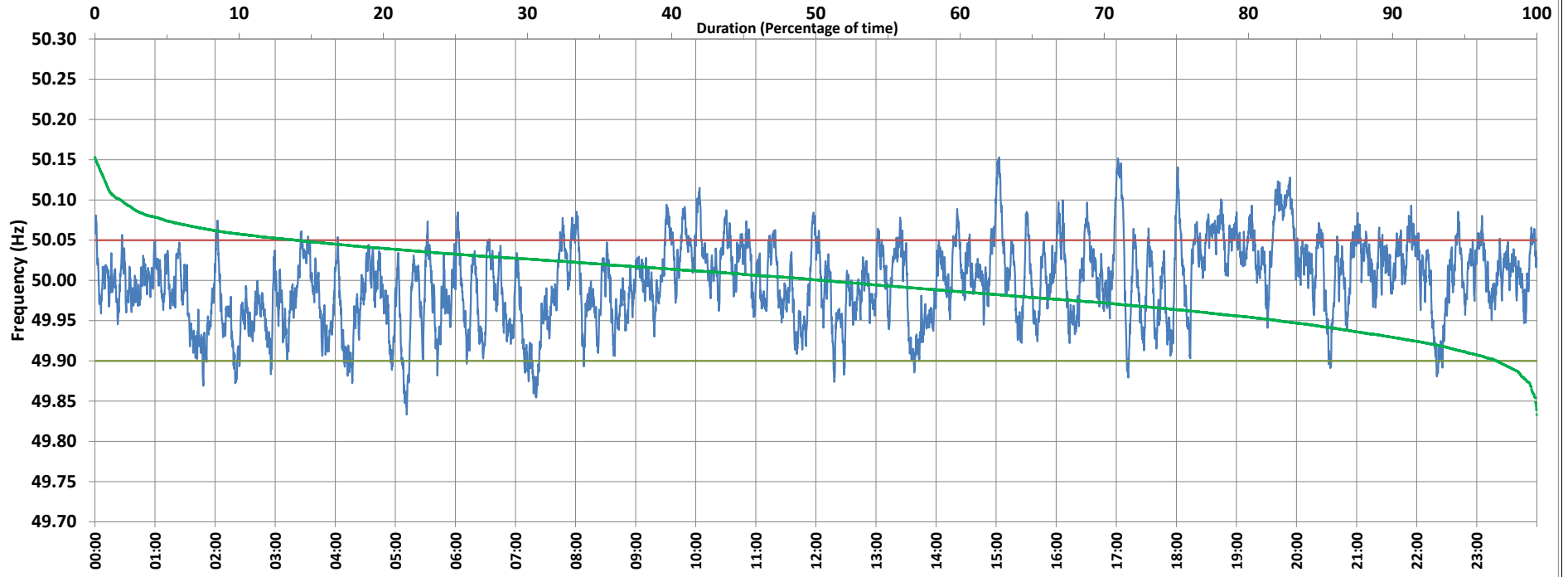


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-Nov-2020 (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	2.77	28.77	0.00	2.77	46.68	48.78	1.77	83.30	100.00	44.27	12.21	50.46	26.96	13.94	0.00	17.92	68.15	15.15

Average Frequency : 49.998	Frequency Variation Index : 0.0251	Standard Deviation : 0.0501	Mileage: 51.4	FDI: 16.7
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Instantaneous Frequency		
Max	50.153	15:03:00
Min	49.833	5:11:20

15 minute Average Frequency		
Max	50.084	20:00:00
Min	49.908	7:30:00

No. of excursions	
above 50.03 Hz	191
below 49.97 Hz	162
above 50.00 Hz	189
below 50.00 Hz	185

Average time freq per excursion remains	
below 49.97	0:02:33
above 50.03	0:02:02

No. of hours freq outside 49.9-50.05 Hz	4:00:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)