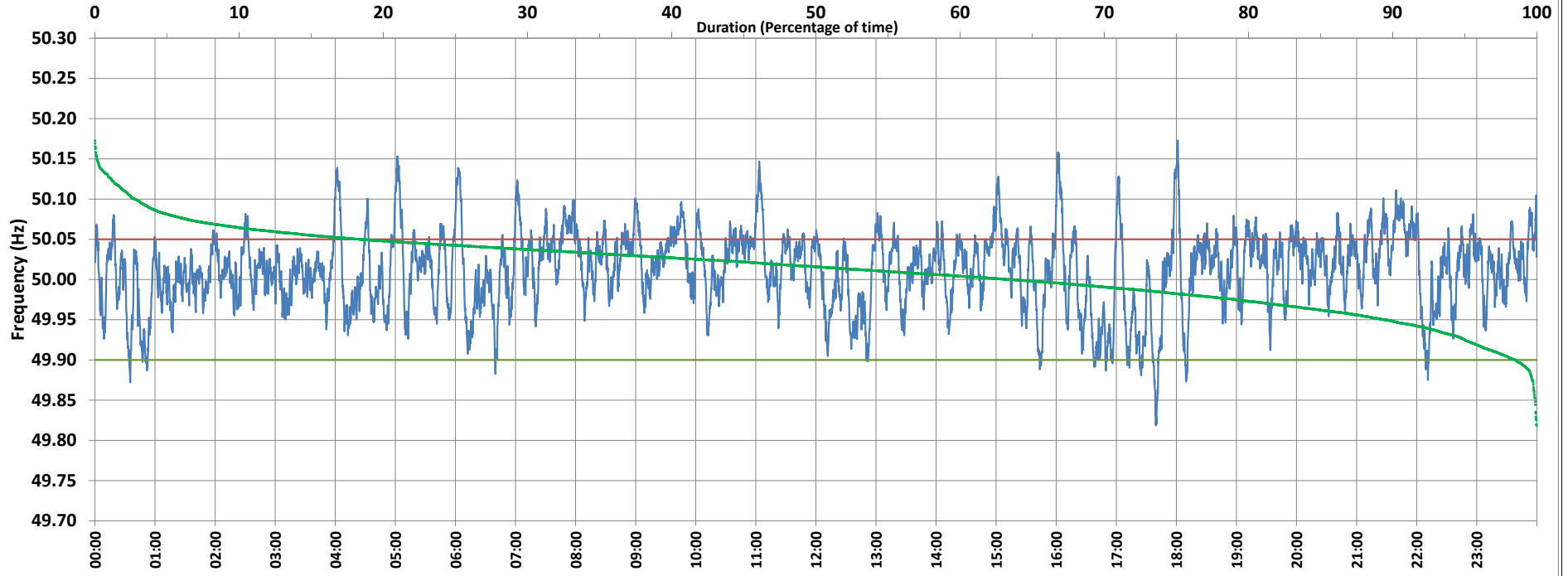


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Nov-2020 (Tuesday)



<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	1.48	18.50	0.00	1.48	34.91	60.84	2.77	80.13	100.00	44.41	15.68	63.51	37.09	18.39	0.00	10.49	71.12	9.00

Average Frequency : 50.011	Frequency Variation Index : 0.0236	Standard Deviation : 0.0473	Mileage: 49.1	FDI: 19.9
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Instantaneous Frequency		
Max	50.173	18:01:20
Min	49.819	17:39:30

15 minute Average Frequency		
Max	50.070	8:00:00
Min	49.924	17:45:00

No. of excursions	
above 50.03 Hz	228
below 49.97 Hz	115
above 50.00 Hz	193
below 50.00 Hz	193

Average time freq per excursion remains	
below 49.97	0:02:19
above 50.03	0:02:21

No. of hours freq outside 49.9-50.05 Hz	4:46:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)