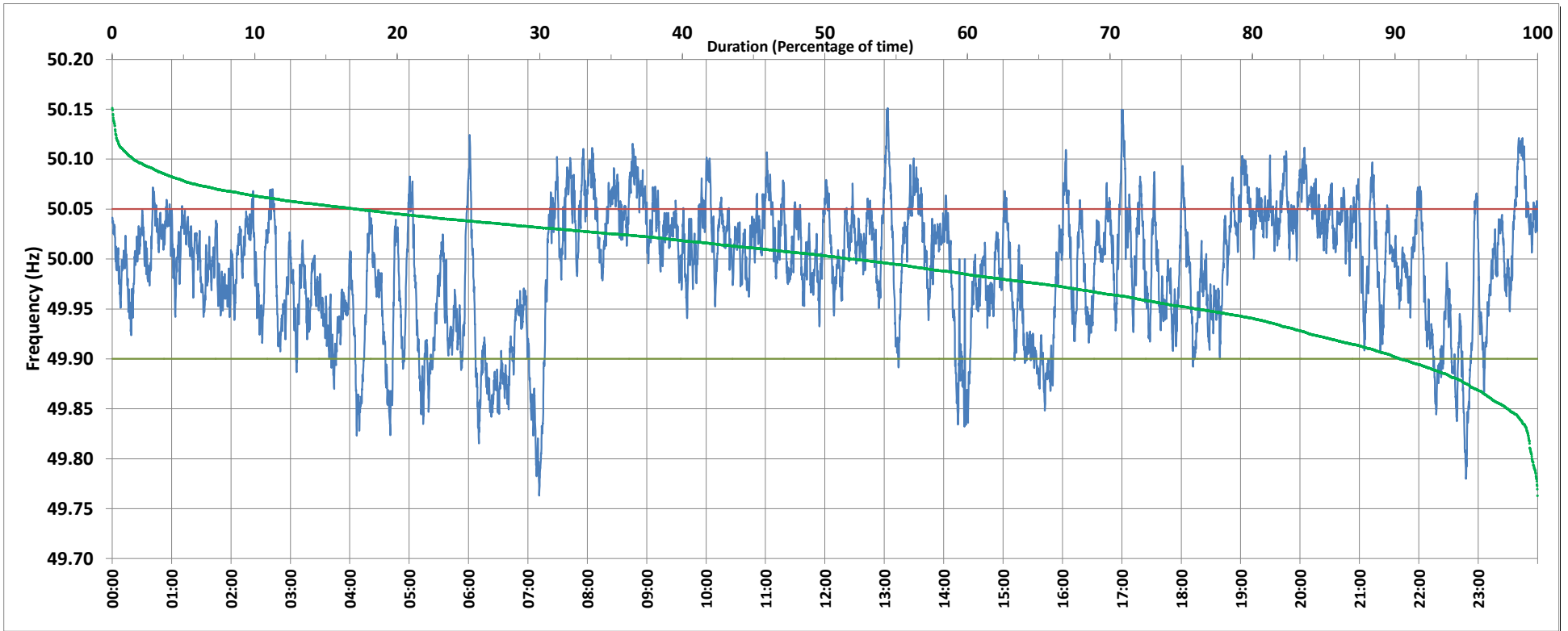


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Nov-2019 (Monday)



<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	9.64	32.33	0.39	9.25	38.39	50.49	1.48	73.14	100.00	36.37	15.78	51.78	31.31	17.22	0.00	23.77	59.00	14.13

Average Frequency : 49.992	Frequency Variation Index : 0.0395	Standard Deviation : 0.0624	Mileage: 53.2	FDI: 26.9
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Instantaneous Frequency		
Max	50.151	13:03:30
Min	49.763	7:11:20

15 minute Average Frequency		
Max	50.075	9:00:00
Min	49.832	7:15:00

No. of excursions	
above 50.03 Hz	199
below 49.97 Hz	133
above 50.00 Hz	146
below 50.00 Hz	148

Average time freq per excursion remains	
below 49.97	0:03:30
above 50.03	0:02:16

No. of hours freq outside 49.9-50.05 Hz	6:26:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)