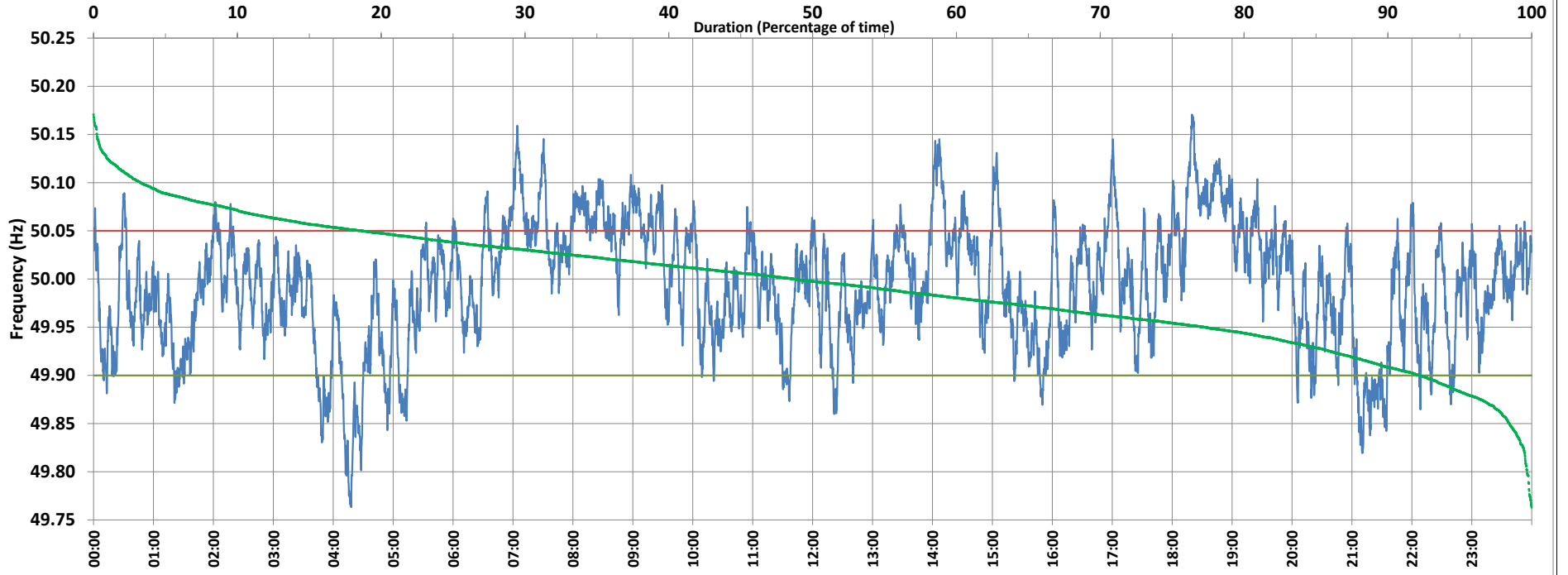


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-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	7.78	33.77	0.31	7.47	43.51	45.42	3.30	73.58	100.00	36.00	15.41	48.66	30.23	18.65	0.00	22.71	58.65	14.93

Average Frequency : 49.994	Frequency Variation Index : 0.0394	Standard Deviation : 0.0625	Mileage: 51.7	FDI: 26.4
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Instantaneous Frequency		
Max	50.171	18:19:50
Min	49.763	4:17:50

15 minute Average Frequency		
Max	50.113	18:30:00
Min	49.831	4:30:00

No. of excursions	
above 50.03 Hz	140
below 49.97 Hz	150
above 50.00 Hz	154
below 50.00 Hz	152

Average time freq per excursion remains	
below 49.97	0:03:15
above 50.03	0:03:07

No. of hours freq outside 49.9-50.05 Hz	6:20:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)