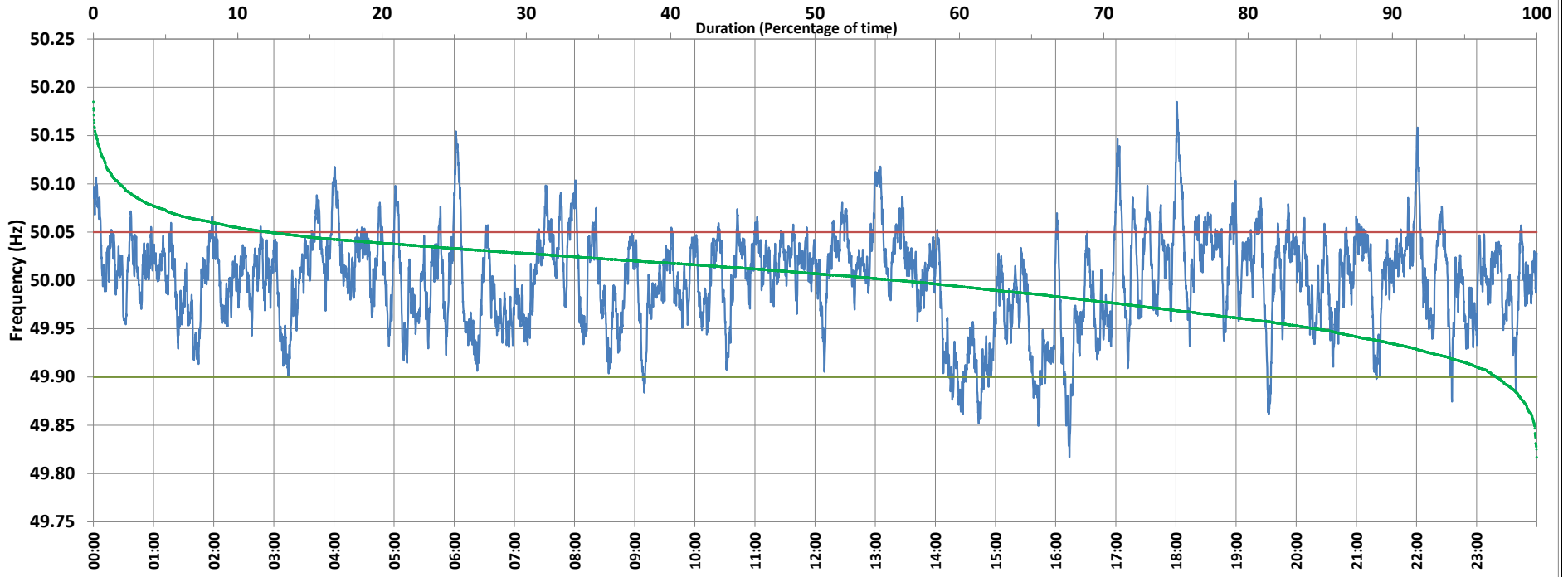


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 11-Nov-2020 (Wednesday)



<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	2.80	25.59	0.00	2.80	41.41	53.95	1.84	85.08	100.00	46.55	10.31	55.68	27.86	12.12	0.00	15.35	72.53	12.55

Average Frequency : 50.001	Frequency Variation Index : 0.0237	Standard Deviation : 0.0487	Mileage: 49.4	FDI: 14.9
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Instantaneous Frequency		
Max	50.185	18:01:00
Min	49.817	16:13:40

15 minute Average Frequency		
Max	50.057	13:15:00
Min	49.896	14:30:00

No. of excursions	
above 50.03 Hz	222
below 49.97 Hz	139
above 50.00 Hz	189
below 50.00 Hz	188

Average time freq per excursion remains	
below 49.97	0:02:39
above 50.03	0:01:48

No. of hours freq outside 49.9-50.05 Hz	3:34:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)