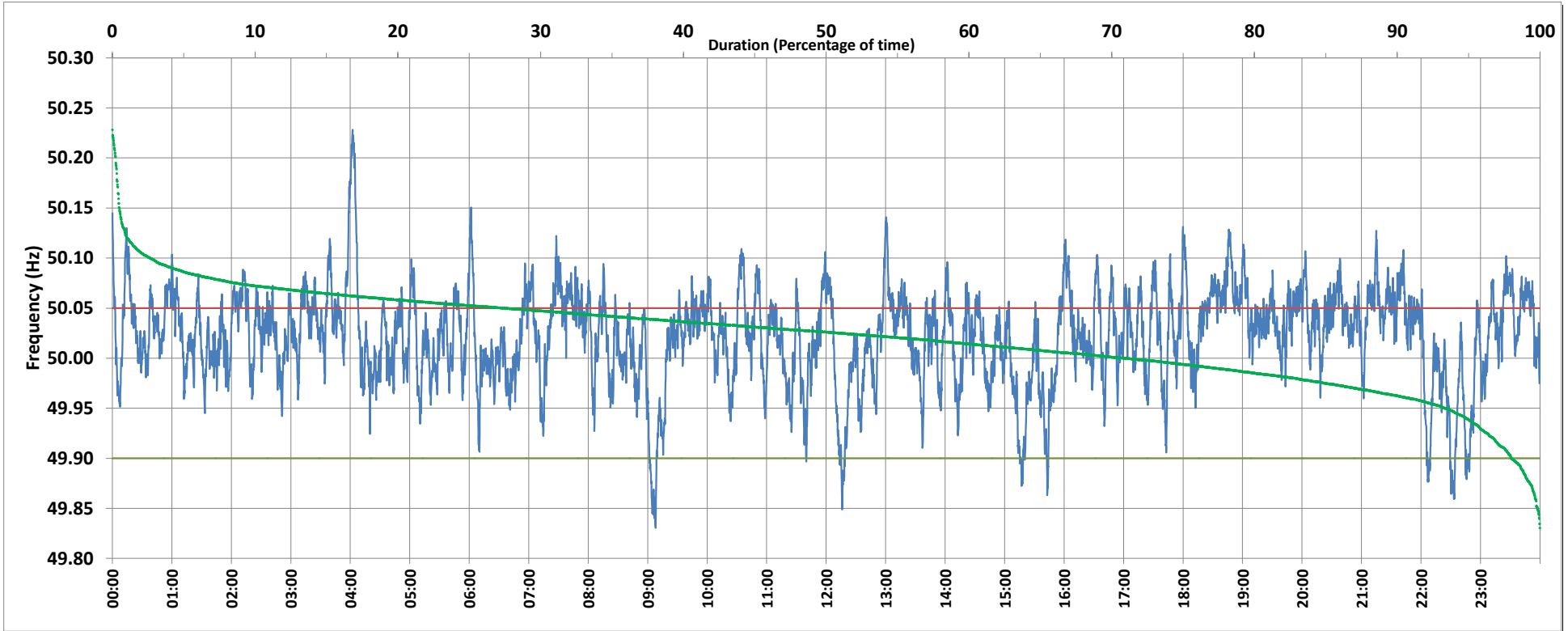


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-Nov-2019 (Friday)



<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	2.00	12.85	0.00	2.00	26.90	68.45	2.42	70.56	99.77	40.91	24.88	70.96	46.24	27.44	0.23	6.62	65.94	4.62

Average Frequency : 50.021	Frequency Variation Index : 0.0268	Standard Deviation : 0.0473	Mileage: 54.1	FDI: 29.4
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.228	4:02:10
Min	49.831	9:07:50

15 minute Average Frequency		
Max	50.088	4:15:00
Min	49.900	9:15:00

No. of excursions	
above 50.03 Hz	237
below 49.97 Hz	111
above 50.00 Hz	199
below 50.00 Hz	197

Average time freq per excursion remains	
below 49.97	0:01:40
above 50.03	0:02:49

No. of hours freq outside 49.9-50.05 Hz	7:04:00
---	---------

Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)