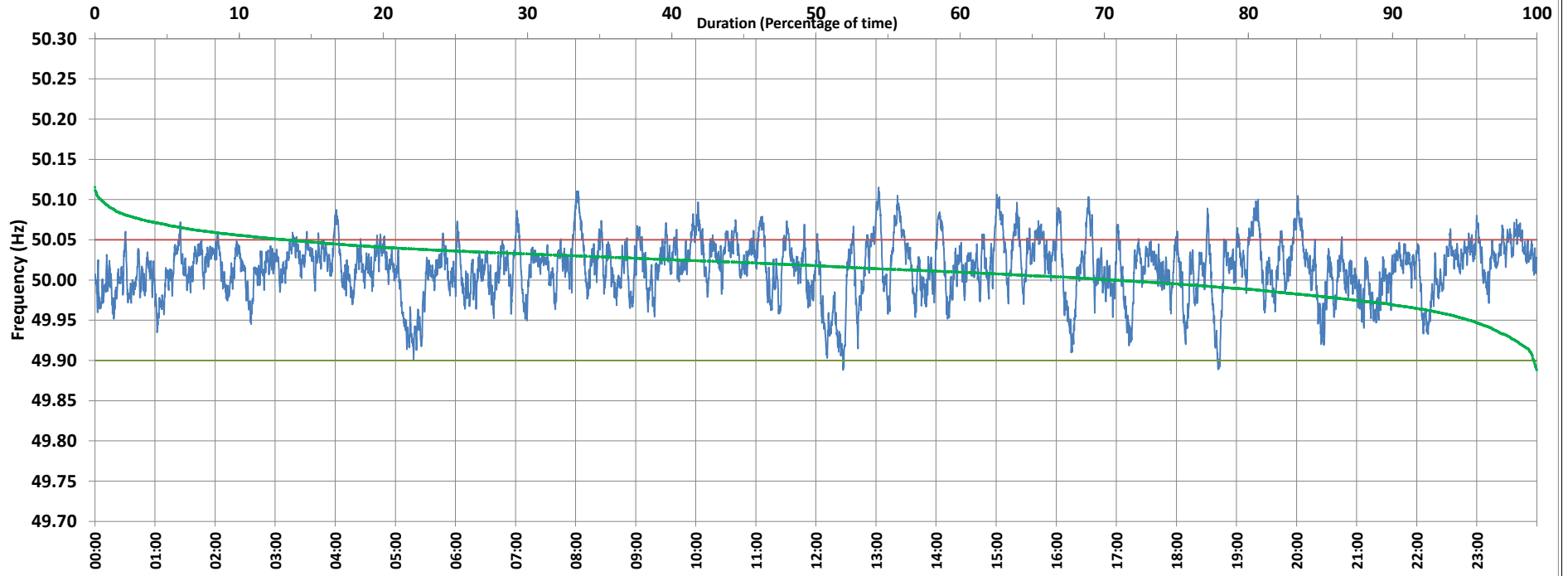


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Sep-2020 (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	0.21	10.17	0.00	0.21	29.11	70.24	0.44	86.54	100.00	56.41	12.85	70.57	33.41	13.25	0.00	10.00	82.08	9.79

Average Frequency : 50.015	Frequency Variation Index : 0.0141	Standard Deviation : 0.0346	Mileage: 44.3	FDI: 13.5
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.115	13:02:30
Min	49.888	12:27:10

15 minute Average Frequency		
Max	50.062	13:30:00
Min	49.934	12:30:00

No. of excursions	
above 50.03 Hz	278
below 49.97 Hz	98
above 50.00 Hz	216
below 50.00 Hz	214

Average time freq per excursion remains	
below 49.97	0:01:30
above 50.03	0:01:44

No. of hours freq outside 49.9-50.05 Hz	3:13:50
---	---------

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