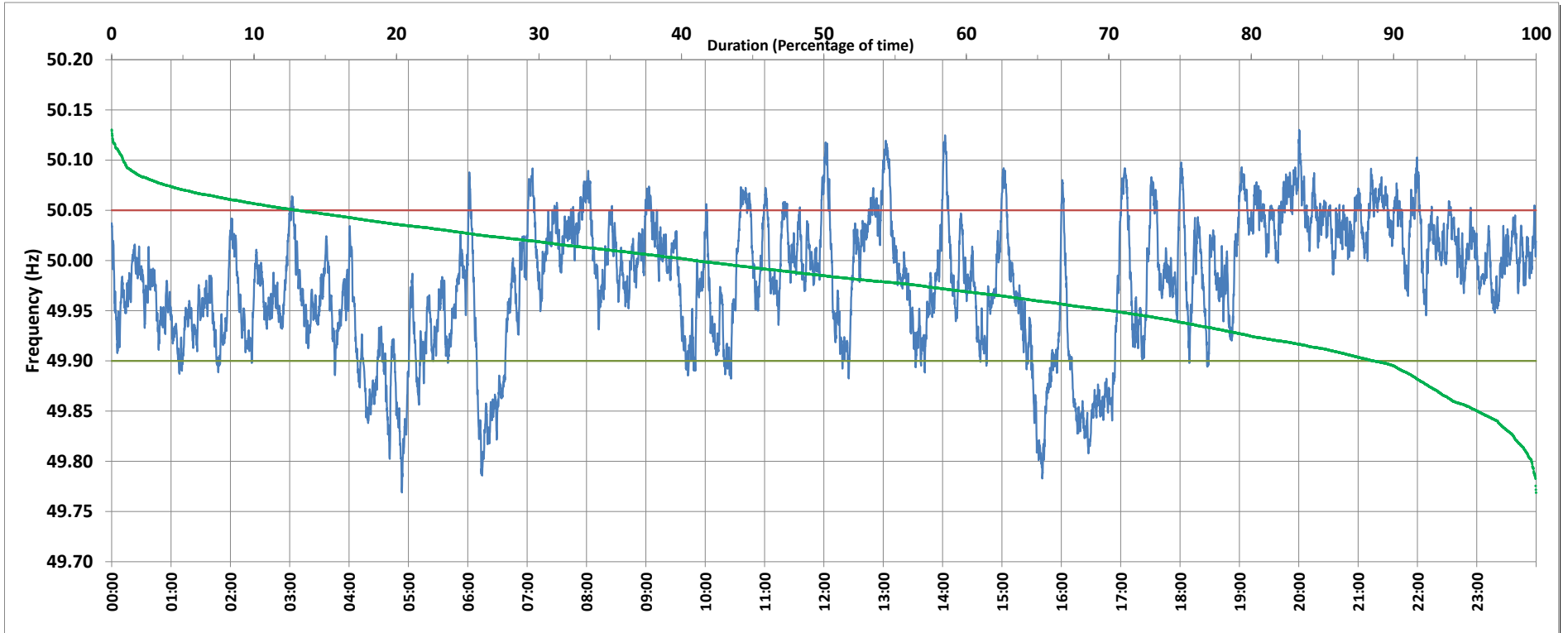


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Oct-2018 (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
0.0	11.4	40.5	0.3	11.1	47.6	40.2	0.8	75.5	100.0	36.0	12.3	40.9	23.5	13.1	0.0	29.8	57.1	18.4

Average Frequency : 49.979	Frequency Variation Index : 0.045	Standard Deviation : 0.064	Mileage: 43.5	FDI: 24.5
----------------------------	-----------------------------------	----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.130	20:01:00
Min	49.769	4:53:20

15 minute Average Frequency		
Max	50.072	20:00:00
Min	49.832	15:45:00

No. of excursions	
above 50.03 Hz	114
below 49.97 Hz	111
above 50.00 Hz	123
below 50.00 Hz	120

Average time freq per excursion remains	
below 49.97	0:05:15
above 50.03	0:02:58

No. of hours freq outside 49.9-50.05 Hz	5:52:40
---	---------

Source : HISSAR:Frequency 10 Sec. (8640 samples)