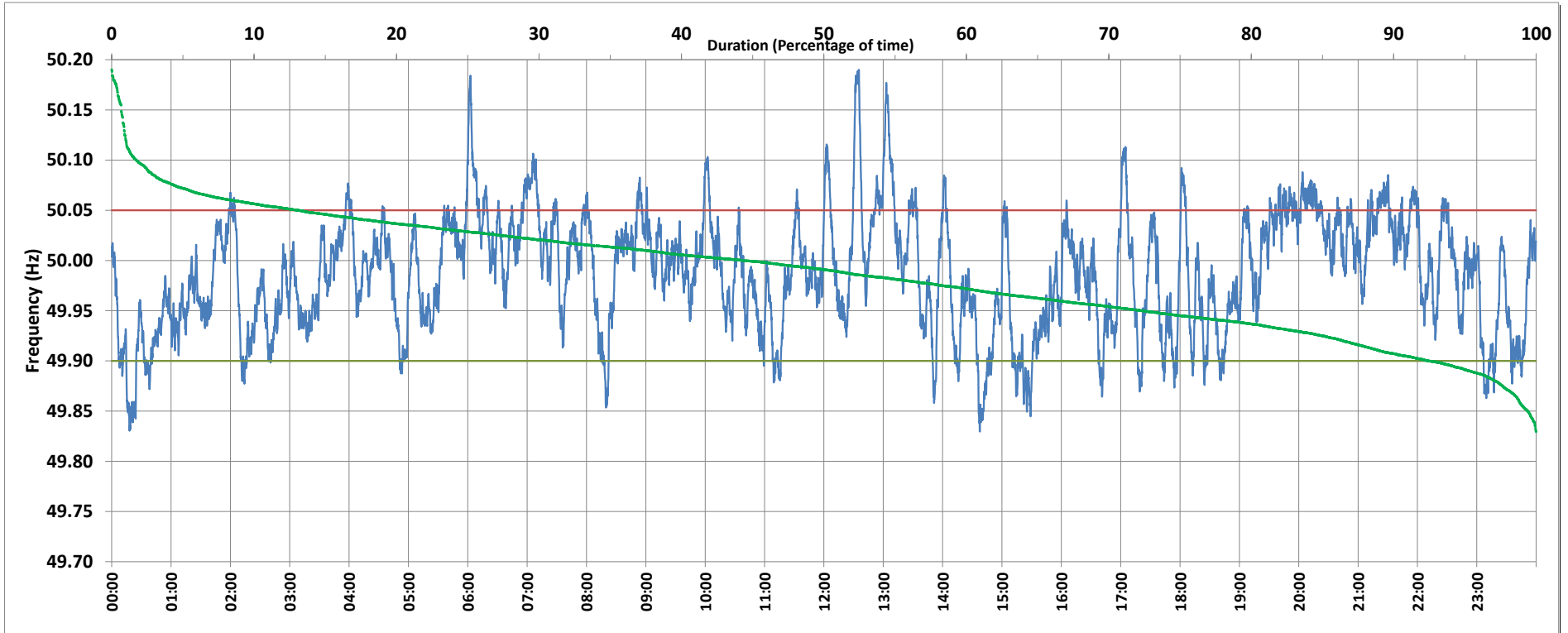


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Oct-2018 (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
0.0	7.5	39.1	0.0	7.5	48.0	42.7	1.7	79.3	100.0	36.8	11.4	44.4	24.1	13.1	0.0	27.6	59.2	20.1

Average Frequency : 49.987	Frequency Variation Index : 0.035	Standard Deviation : 0.058	Mileage: 42.6	FDI: 20.7
----------------------------	-----------------------------------	----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.190	12:35:10
Min	49.830	14:37:30

15 minute Average Frequency		
Max	50.093	13:15:00
Min	49.880	0:30:00

No. of excursions	
above 50.03 Hz	130
below 49.97 Hz	102
above 50.00 Hz	146
below 50.00 Hz	143

Average time freq per excursion remains	
below 49.97	0:05:31
above 50.03	0:02:40

No. of hours freq outside 49.9-50.05 Hz	4:57:40
---	---------

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