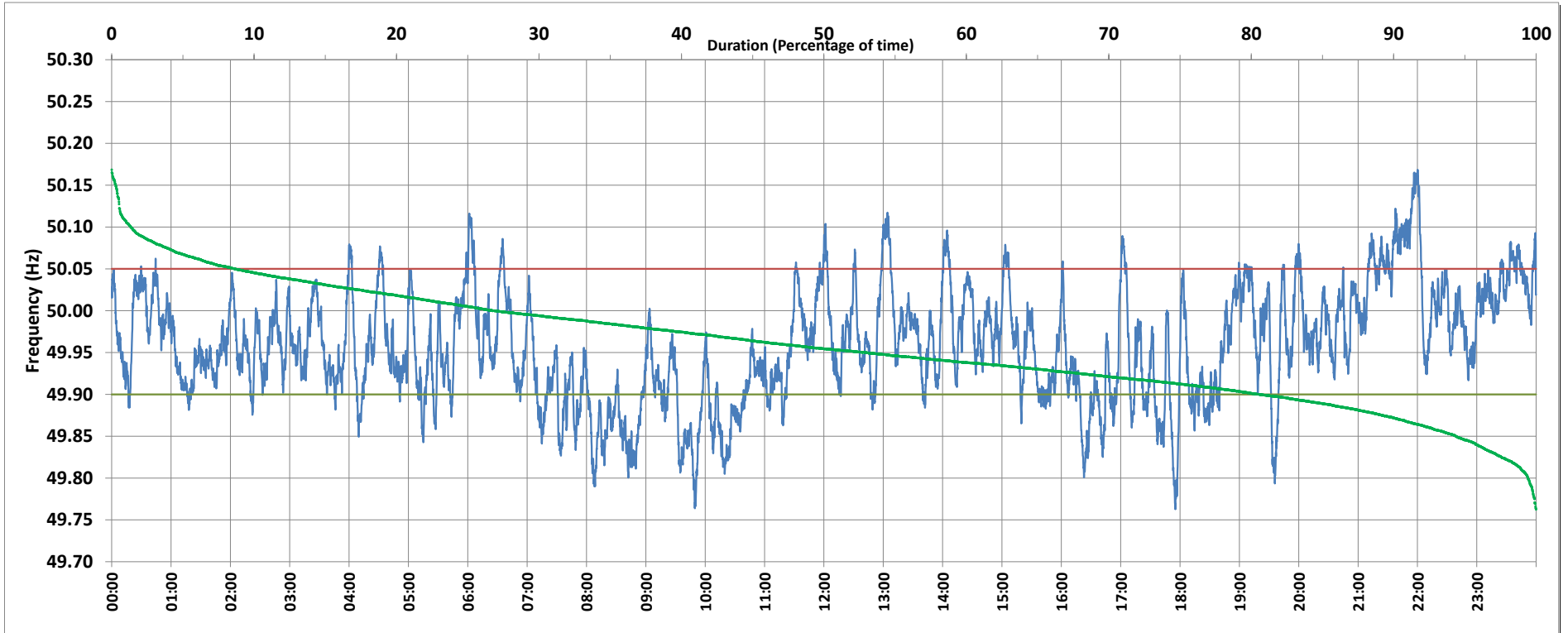


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 25-Dec-2018 (Tuesday)



<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	19.40	57.62	0.57	18.83	53.72	25.53	1.35	71.97	100.00	27.03	7.31	26.85	15.36	8.63	0.00	47.01	44.35	27.62

Average Frequency : 49.958	Frequency Variation Index : 0.0627	Standard Deviation : 0.0670	Mileage: 46.9	FDI: 28.0
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.169	22:00:10
Min	49.763	17:55:10

15 minute Average Frequency		
Max	50.116	22:00:00
Min	49.844	10:30:00

No. of excursions	
above 50.03 Hz	80
below 49.97 Hz	116
above 50.00 Hz	106
below 50.00 Hz	105

Average time freq per excursion remains	
below 49.97	0:07:09
above 50.03	0:02:46

No. of hours freq outside 49.9-50.05 Hz	6:43:40
---	---------

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