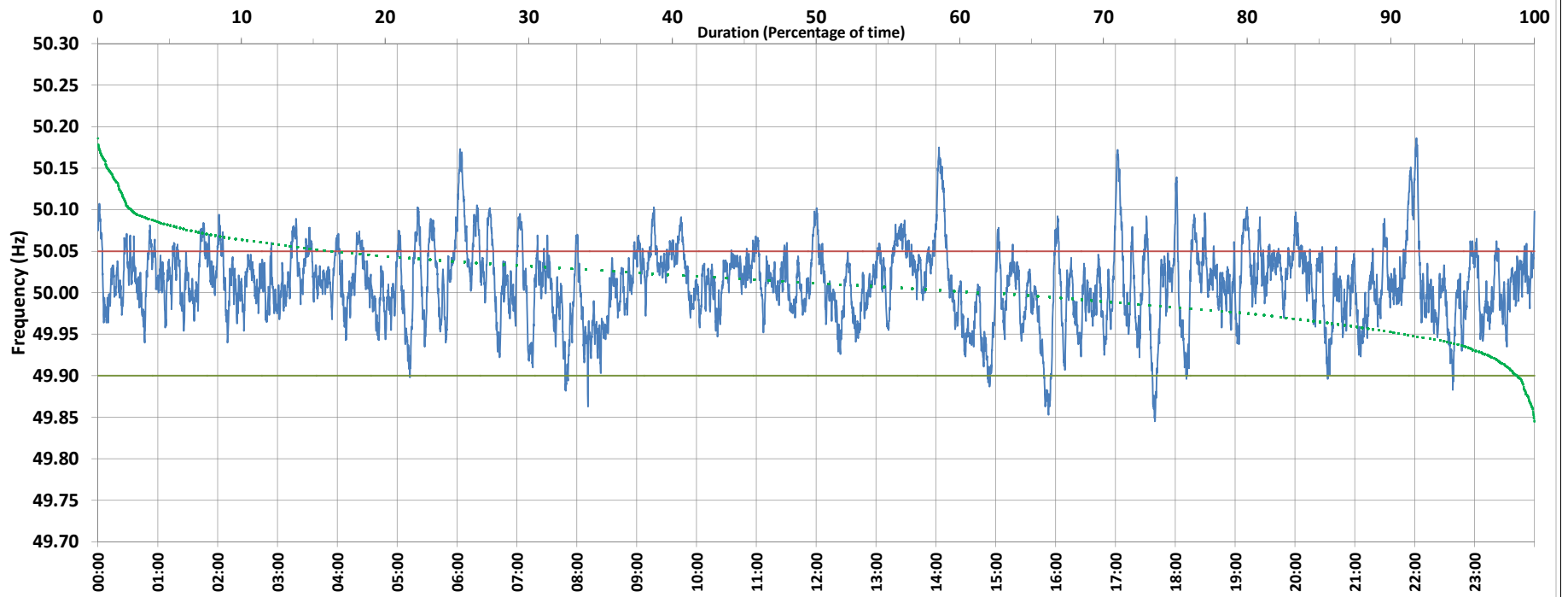


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 27-Dec-2020 (Sunday)



<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	1.17	16.81	0.00	1.17	35.78	60.69	2.36	82.57	100.00	51.09	14.63	61.23	32.11	16.26	0.00	8.82	74.92	7.65

Average Frequency : 50.011	Frequency Variation Index : 0.0219	Standard Deviation : 0.0455	Mileage: 50.9	FDI: 17.4
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.186	22:01:40
Min	49.845	17:39:30

15 minute Average Frequency			
Max	50.094	14:15:00	
Min	49.922	16:00:00	

No. of excursions	
above 50.03 Hz	189
below 49.97 Hz	107
above 50.00 Hz	182
below 50.00 Hz	174

Average time freq per excursion remains	
below 49.97	0:02:16
above 50.03	0:02:27

No. of hours freq outside 49.9-50.05 Hz	4:11:00
-----------------------------------------	---------

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