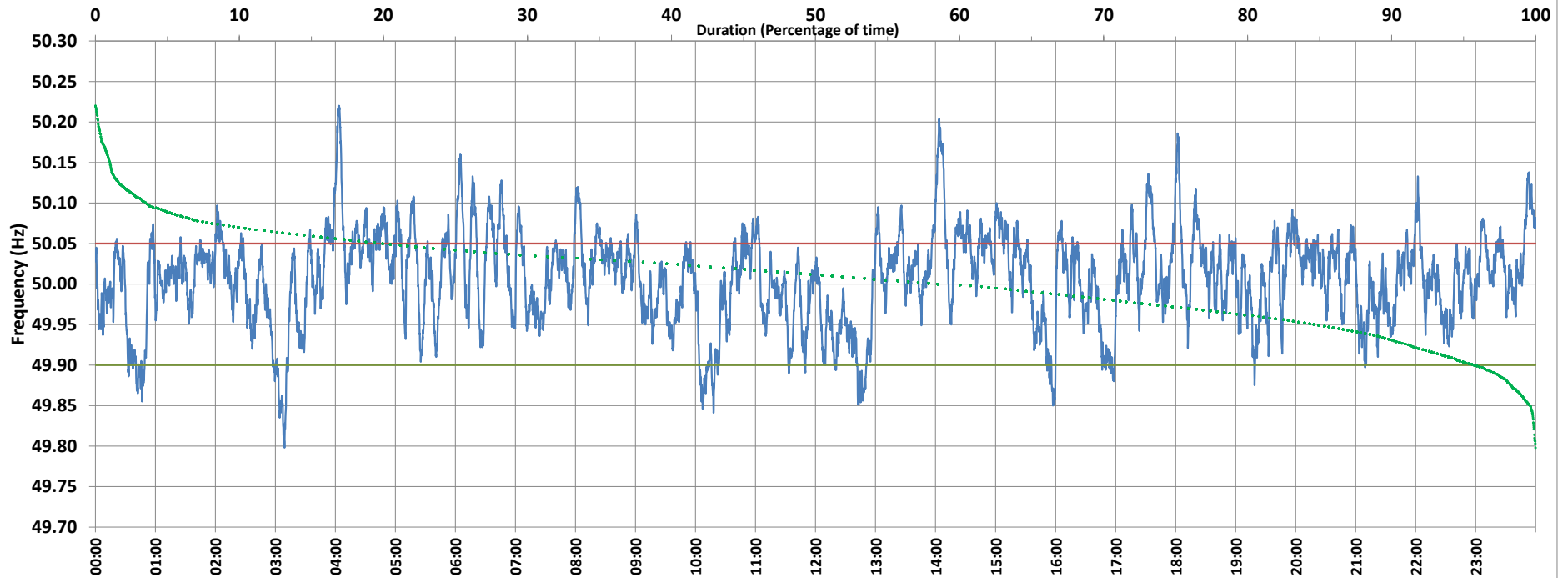


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Jan-2021 (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	4.09	23.55	0.01	4.07	35.89	56.45	3.39	75.98	99.81	41.34	16.98	58.46	35.10	19.93	0.19	15.07	65.00	10.98

Average Frequency : 50.007	Frequency Variation Index : 0.0323	Standard Deviation : 0.0565	Mileage: 50.6	FDI: 24.0
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.220	4:03:00
Min	49.798	3:09:00

15 minute Average Frequency		
Max	50.104	14:15:00
Min	49.877	3:15:00

No. of excursions	
above 50.03 Hz	179
below 49.97 Hz	119
above 50.00 Hz	130
below 50.00 Hz	119

Average time freq per excursion remains	
below 49.97	0:02:51
above 50.03	0:02:49

No. of hours freq outside 49.9-50.05 Hz	5:45:50
-----------------------------------------	---------

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

