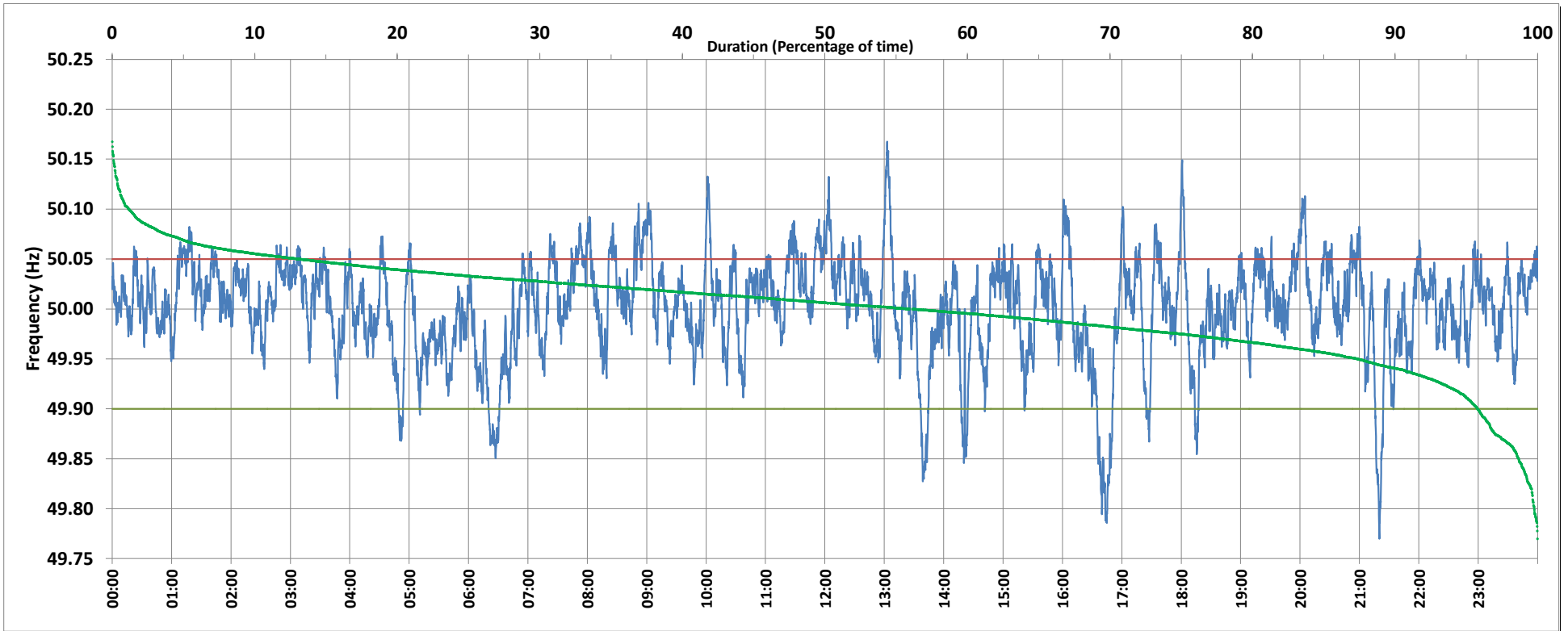


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Oct-2019 (Monday)



<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	4.20	21.98	0.23	3.97	39.63	54.98	1.19	82.69	100.00	50.25	12.01	55.90	27.77	13.11	0.00	12.63	74.26	8.43

Average Frequency : 50.001	Frequency Variation Index : 0.0250	Standard Deviation : 0.0500	Mileage: 49.8	FDI: 17.3
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.168	13:02:50
Min	49.770	21:20:00

15 minute Average Frequency		
Max	50.060	9:00:00
Min	49.863	16:45:00

No. of excursions	
above 50.03 Hz	214
below 49.97 Hz	144
above 50.00 Hz	226
below 50.00 Hz	224

Average time freq per excursion remains	
below 49.97	0:02:12
above 50.03	0:01:52

No. of hours freq outside 49.9-50.05 Hz	4:09:20
---	---------

Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)