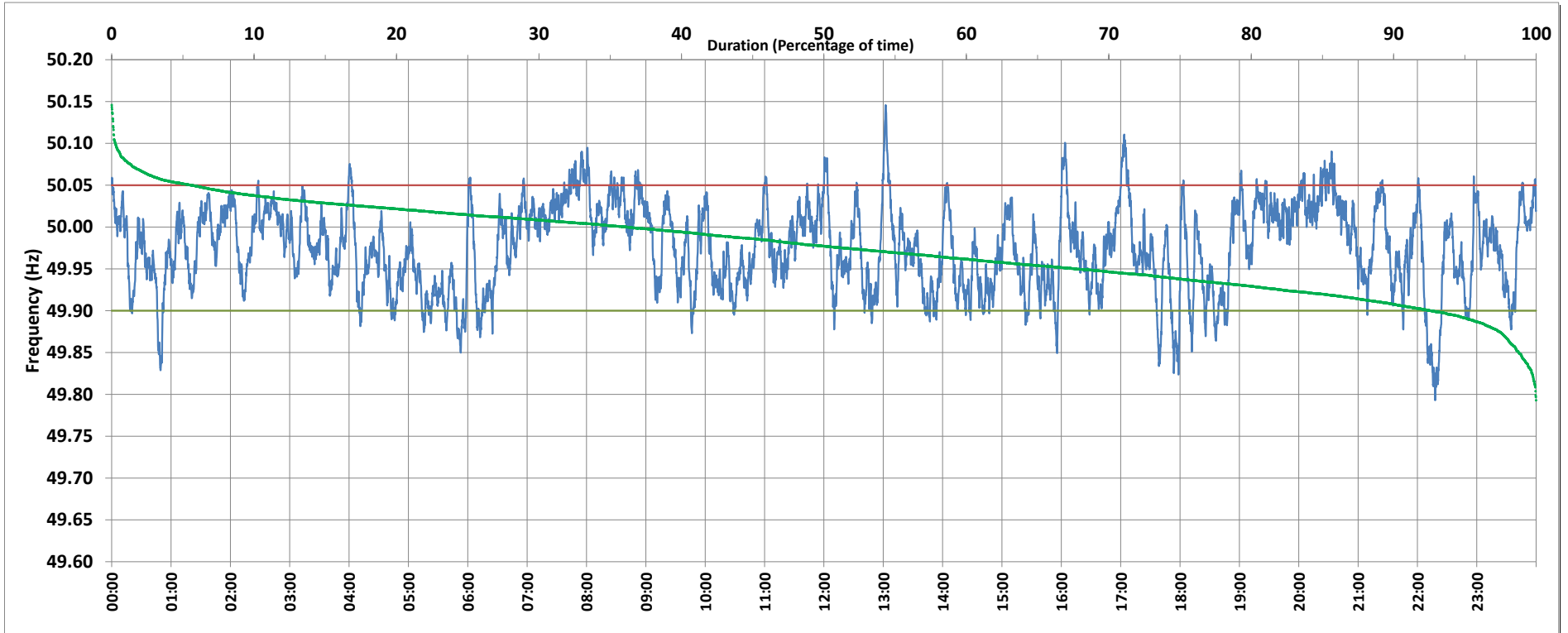


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-Oct-2018 (Wednesday)



<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	7.4	45.4	0.0	7.3	56.4	35.9	0.3	87.0	100.0	40.6	5.4	36.2	14.0	5.6	0.0	32.3	62.1	24.9

Average Frequency : 49.975	Frequency Variation Index : 0.033	Standard Deviation : 0.051	Mileage: 43.2	FDI: 13.0
----------------------------	-----------------------------------	----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.146	13:02:20
Min	49.793	22:17:50

15 minute Average Frequency		
Max	50.060	8:00:00
Min	49.887	22:30:00

No. of excursions	
above 50.03 Hz	133
below 49.97 Hz	142
above 50.00 Hz	156
below 50.00 Hz	156

Average time freq per excursion remains	
below 49.97	0:04:36
above 50.03	0:01:31

No. of hours freq outside 49.9-50.05 Hz	3:06:50
---	---------

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