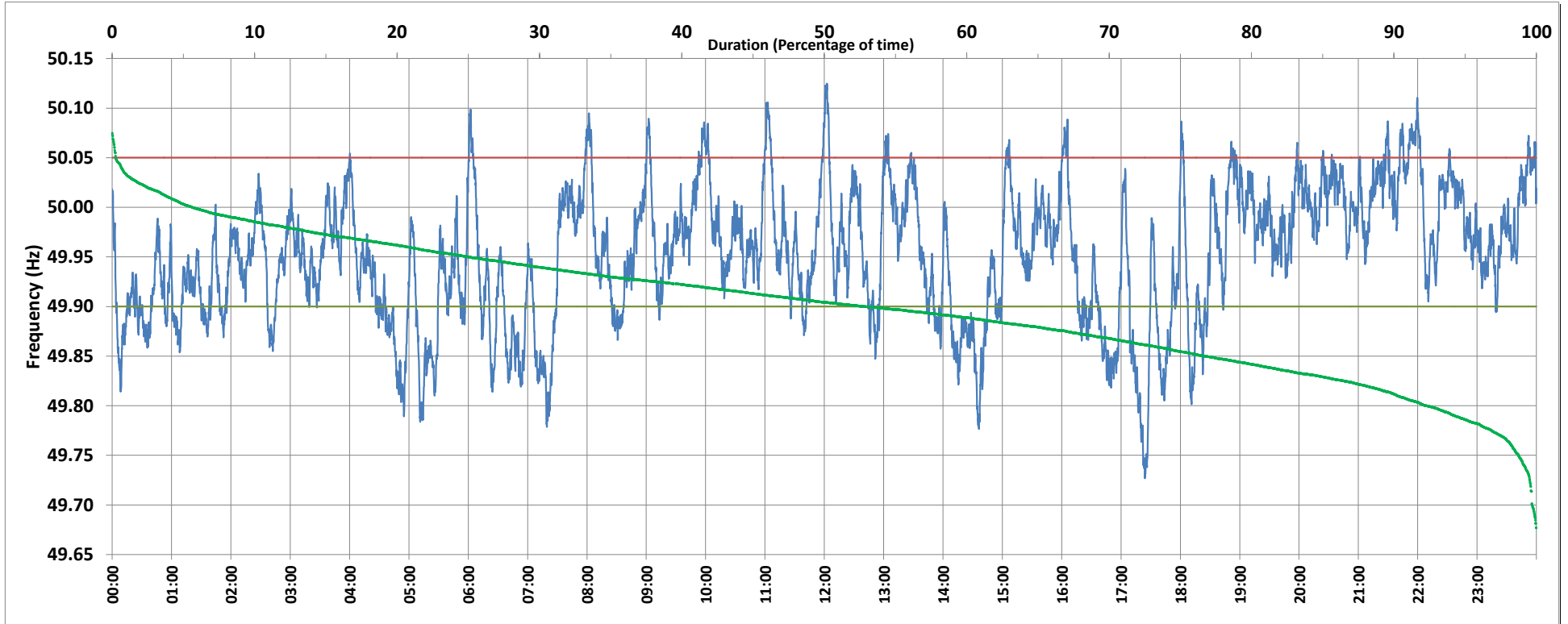


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Oct-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
0.0	23.2	58.7	1.3	22.0	51.7	24.8	0.3	71.1	100.0	29.2	5.4	25.0	12.1	5.6	0.0	47.1	47.3	23.8

Average Frequency : 49.951	Frequency Variation Index : 0.068	Standard Deviation : 0.066	Mileage: 44.8	FDI: 28.9
----------------------------	-----------------------------------	----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.125	12:02:40
Min	49.727	17:24:10

15 minute Average Frequency		
Max	50.062	22:00:00
Min	49.790	17:30:00

No. of excursions	
above 50.03 Hz	84
below 49.97 Hz	130
above 50.00 Hz	108
below 50.00 Hz	105

Average time freq per excursion remains	
below 49.97	0:06:30
above 50.03	0:02:04

No. of hours freq outside 49.9-50.05 Hz	6:55:50
---	---------

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