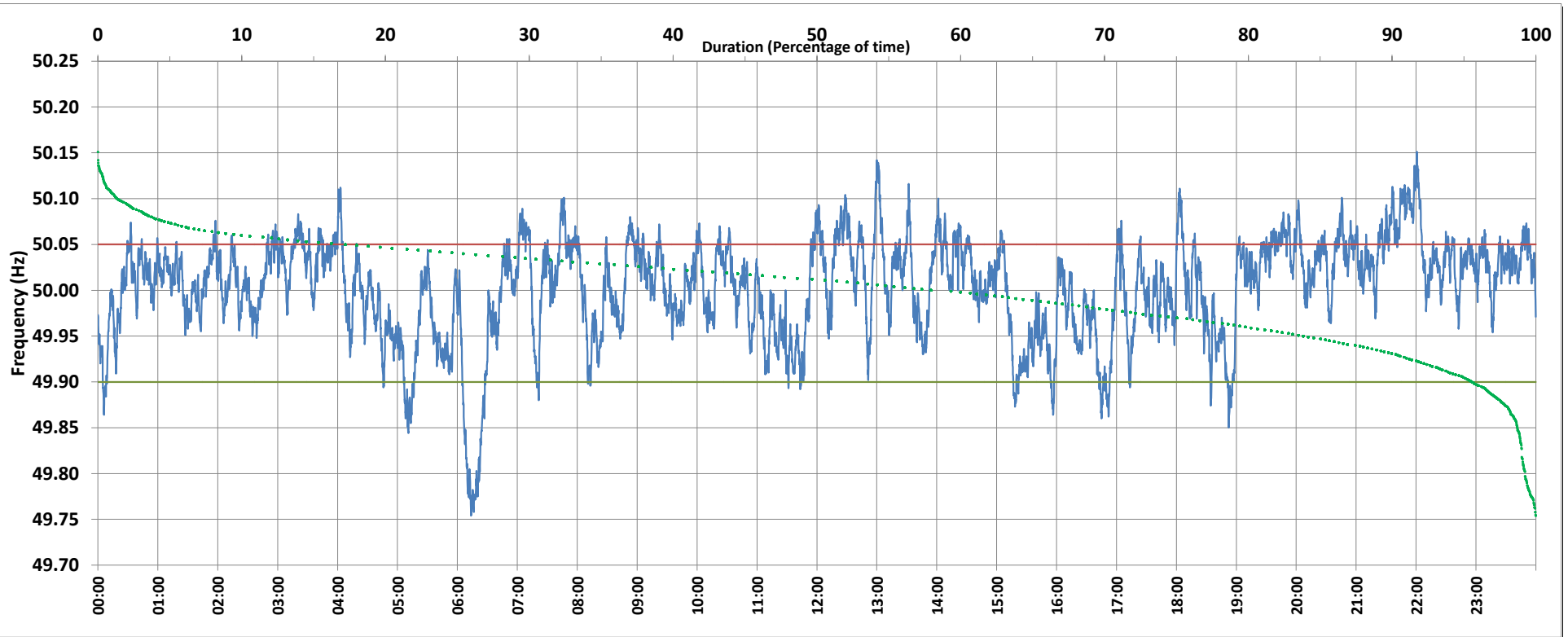


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Sep-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	4.33	24.27	0.75	3.58	36.34	57.92	1.41	78.47	100.00	41.69	16.66	57.95	34.04	17.20	0.00	15.83	66.97	11.50

Average Frequency : 50.002	Frequency Variation Index : 0.0300	Standard Deviation : 0.0547	Mileage: 46.8	FDI: 21.5
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.151	22:00:50
Min	49.754	6:13:40

15 minute Average Frequency		
Max	50.099	22:00:00
Min	49.829	6:30:00

No. of excursions	
above 50.03 Hz	177
below 49.97 Hz	108
above 50.00 Hz	93
below 50.00 Hz	96

Average time freq per excursion remains	
below 49.97	0:03:14
above 50.03	0:02:46

No. of hours freq outside 49.9-50.05 Hz	5:10:00
---	---------

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