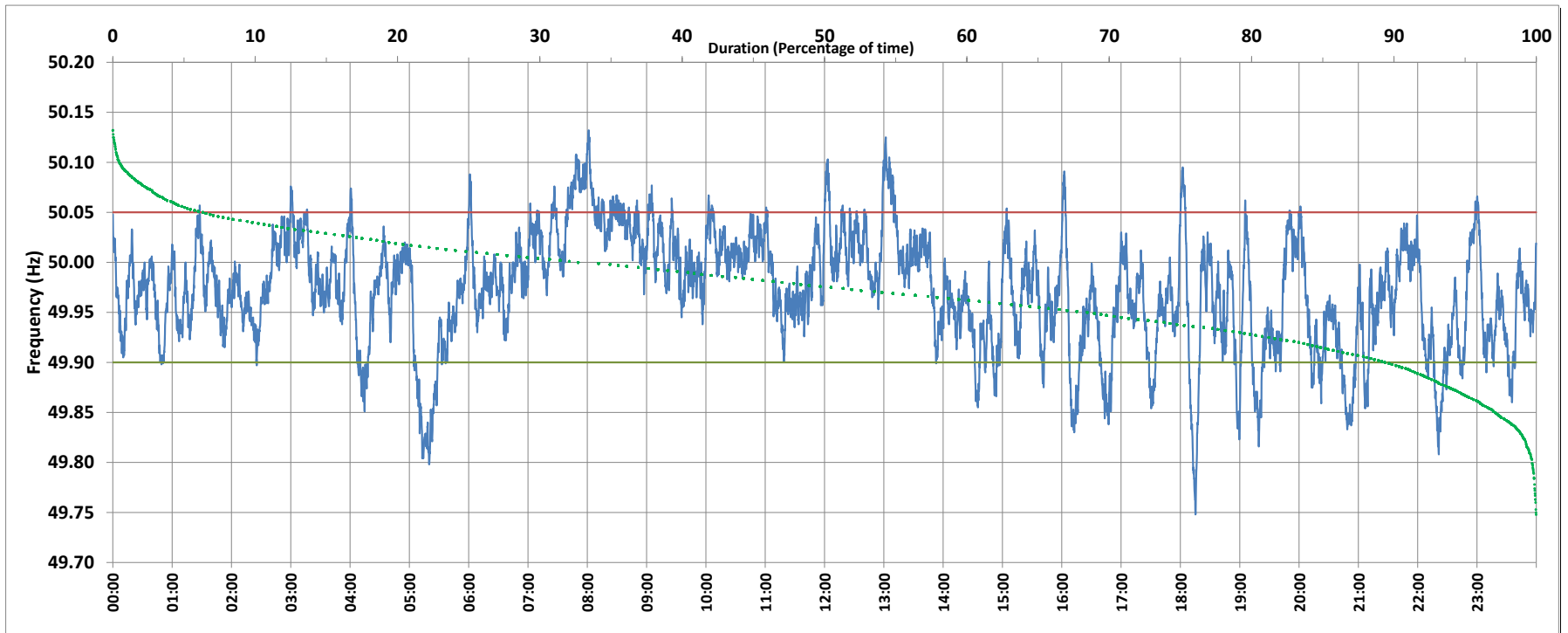


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Aug-2018 (Thursday)



<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	10.3	45.2	0.3	10.1	55.5	33.6	0.5	83.3	100.0	40.4	6.1	32.7	14.4	6.3	0.0	31.0	62.6	20.7

Average Frequency : 49.972	Frequency Variation Index : 0.039	Standard Deviation : 0.056	Mileage: 47.6	FDI: 16.7
----------------------------	-----------------------------------	----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.132	8:01:10
Min	49.748	18:15:10

15 minute Average Frequency		
Max	50.085	8:00:00
Min	49.848	5:30:00

No. of excursions	
above 50.03 Hz	101
below 49.97 Hz	151
above 50.00 Hz	115
below 50.00 Hz	115

Average time freq per excursion remains	
below 49.97	0:04:19
above 50.03	0:02:03

No. of hours freq outside 49.9-50.05 Hz	4:00:10
---	---------

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