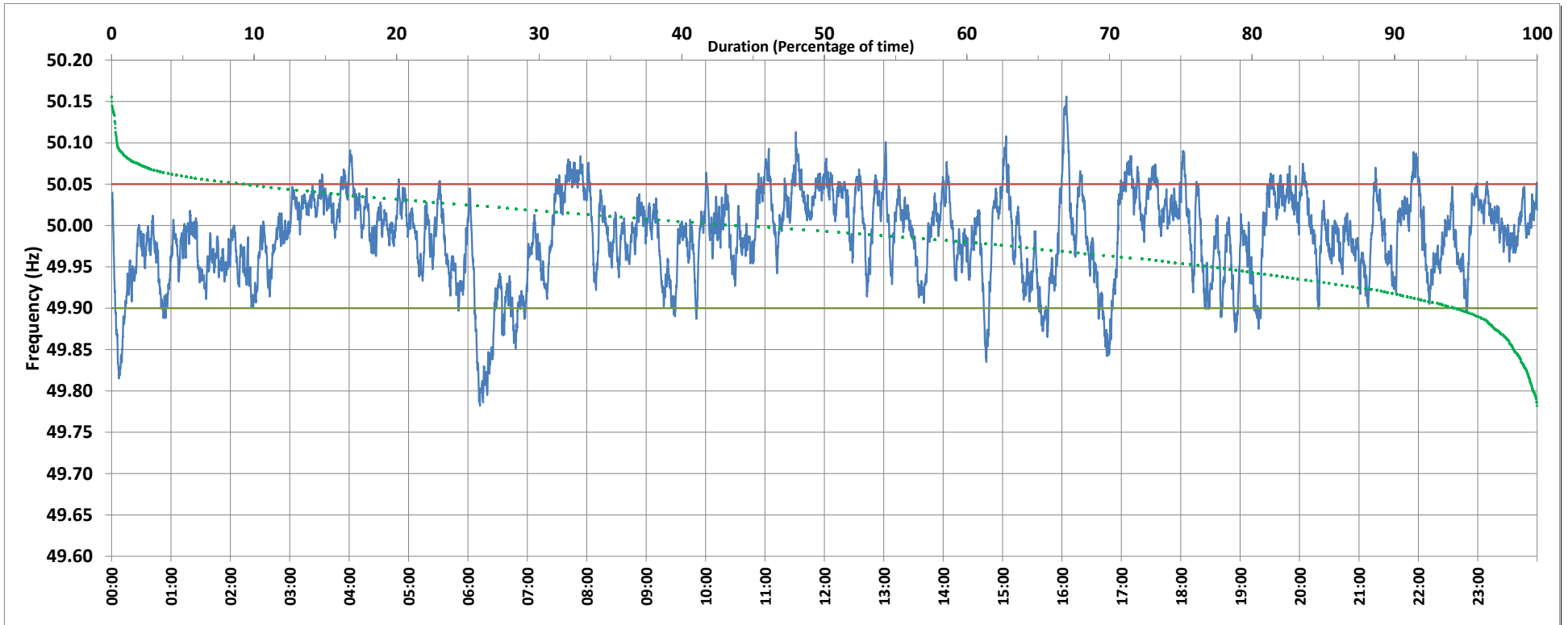


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Sep-2018 (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
0.0	5.6	33.3	0.3	5.3	49.0	45.0	0.4	85.2	100.0	45.4	9.3	43.8	21.3	9.2	0.0	22.4	68.3	16.8

Average Frequency : 49.987	Frequency Variation Index : 0.029	Standard Deviation : 0.052	Mileage: 41.6	FDI: 14.8
----------------------------	-----------------------------------	----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.156	16:04:30
Min	49.782	6:12:00

15 minute Average Frequency		
Max	50.056	8:00:00
Min	49.849	6:30:00

No. of excursions	
above 50.03 Hz	116
below 49.97 Hz	100
above 50.00 Hz	101
below 50.00 Hz	103

Average time freq per excursion remains	
below 49.97	0:04:48
above 50.03	0:02:39

No. of hours freq outside 49.9-50.05 Hz	3:33:50
---	---------

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