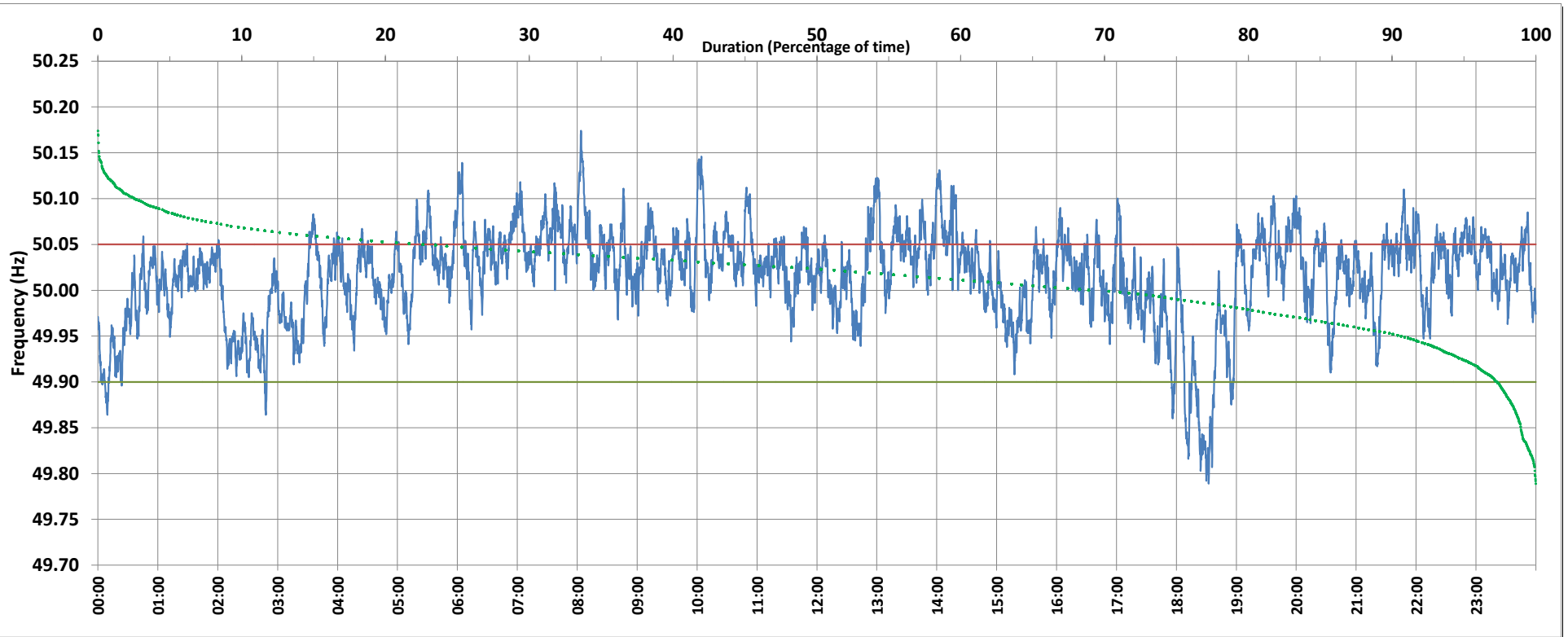


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Sep-2019 (Sunday)



<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	2.66	16.02	0.07	2.59	27.03	67.64	2.67	74.75	100.00	41.19	20.94	68.90	42.79	22.59	0.00	9.13	68.28	6.47

Average Frequency : 50.016	Frequency Variation Index : 0.0276	Standard Deviation : 0.0501	Mileage: 49.5	FDI: 25.3
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.174	8:03:40
Min	49.789	18:32:20

15 minute Average Frequency		
Max	50.092	8:15:00
Min	49.866	18:30:00

No. of excursions	
above 50.03 Hz	223
below 49.97 Hz	77
above 50.00 Hz	123
below 50.00 Hz	118

Average time freq per excursion remains	
below 49.97	0:03:00
above 50.03	0:02:46

No. of hours freq outside 49.9-50.05 Hz	6:03:40
---	---------

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