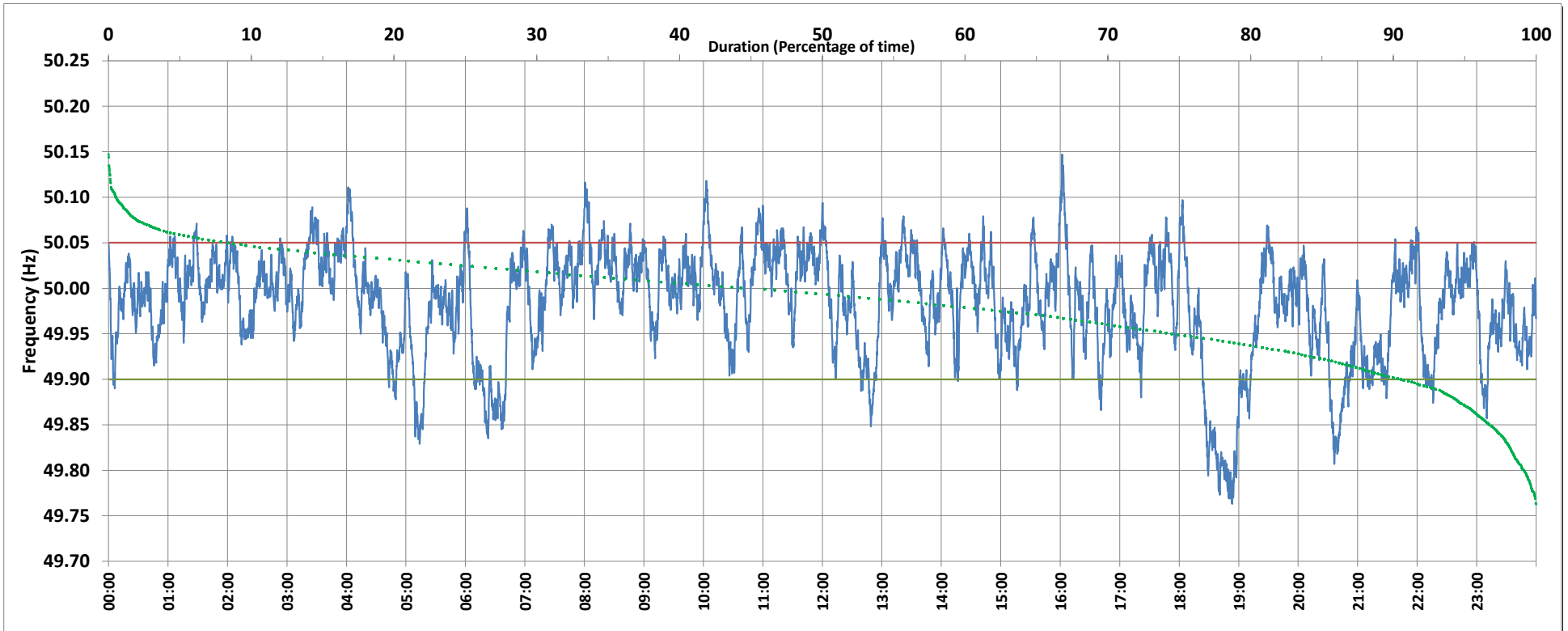


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Sep-2019 (Friday)



<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	9.27	34.02	0.81	8.46	44.77	45.39	0.57	82.36	100.00	44.98	8.24	44.31	21.01	8.37	0.00	25.09	66.54	15.82

Average Frequency : 49.983	Frequency Variation Index : 0.0372	Standard Deviation : 0.0587	Mileage: 47.6	FDI: 17.6
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.147	16:01:50
Min	49.763	18:53:20

15 minute Average Frequency		
Max	50.047	10:15:00
Min	49.798	19:00:00

No. of excursions	
above 50.03 Hz	149
below 49.97 Hz	107
above 50.00 Hz	129
below 50.00 Hz	132

Average time freq per excursion remains	
below 49.97	0:04:35
above 50.03	0:02:02

No. of hours freq outside 49.9-50.05 Hz	4:14:00
---	---------

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