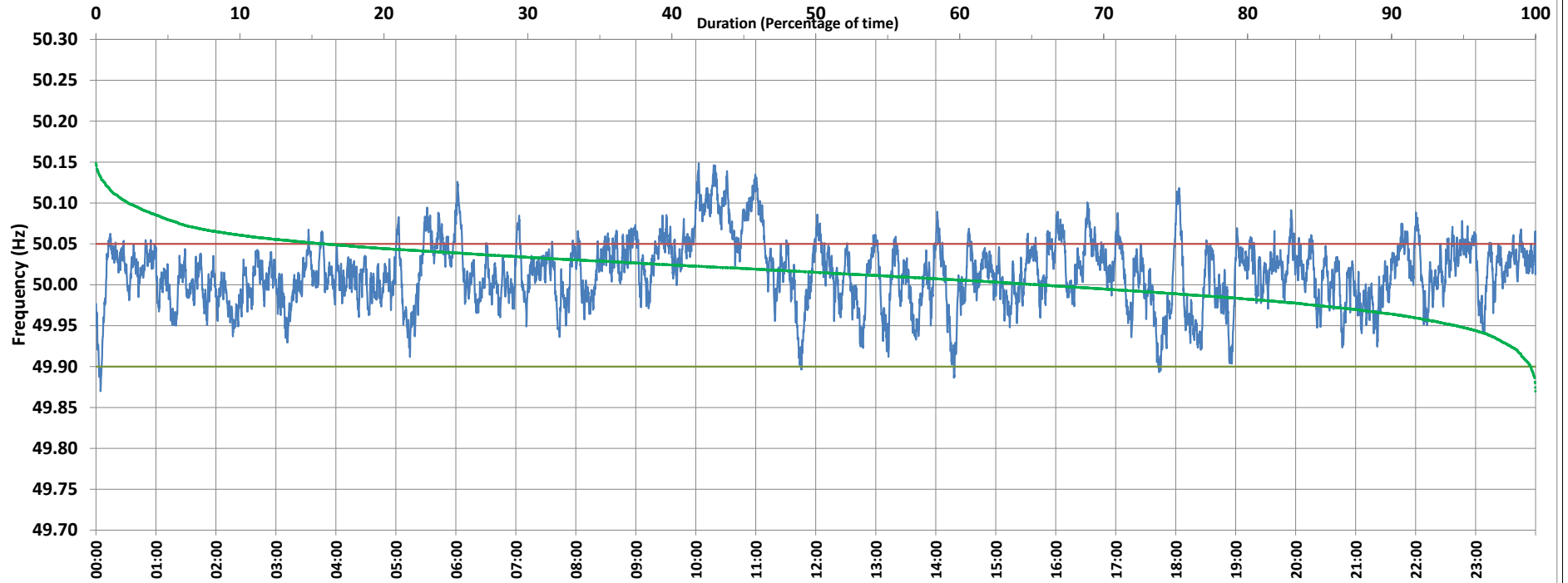


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Sep-2020 (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	0.35	12.57	0.00	0.35	34.09	63.32	2.25	83.77	100.00	53.55	13.76	65.50	33.88	15.88	0.00	10.00	78.66	9.65

Average Frequency : 50.014	Frequency Variation Index : 0.0177	Standard Deviation : 0.0397	Mileage: 45.4	FDI: 16.2
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.149	10:02:50
Min	49.870	0:04:30

15 minute Average Frequency		
Max	50.108	10:30:00
Min	49.955	18:30:00

No. of excursions	
above 50.03 Hz	231
below 49.97 Hz	107
above 50.00 Hz	202
below 50.00 Hz	204

Average time freq per excursion remains	
below 49.97	0:01:41
above 50.03	0:02:07

No. of hours freq outside 49.9-50.05 Hz	3:53:40
-----------------------------------------	---------

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