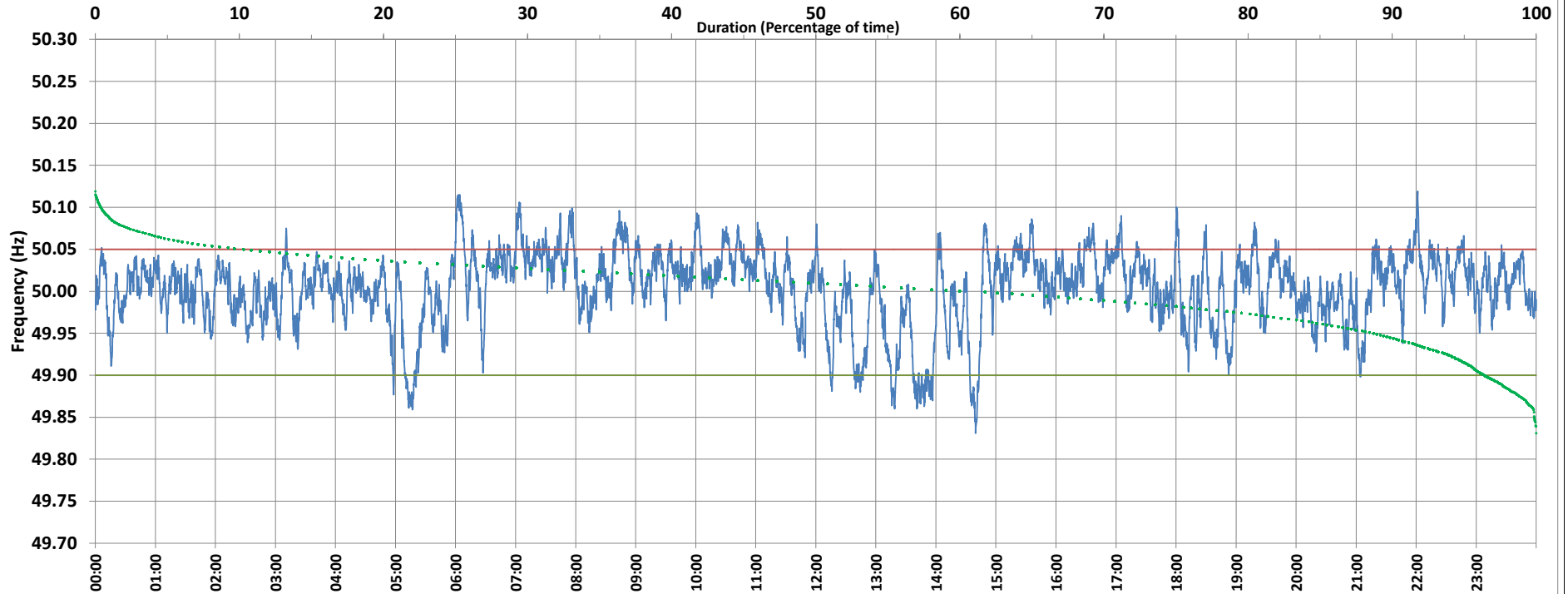


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-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	3.54	18.23	0.00	3.54	34.70	61.34	0.42	86.18	100.00	54.86	10.46	59.99	26.91	10.28	0.00	10.00	78.66	6.46

Average Frequency : 50.003	Frequency Variation Index : 0.0192	Standard Deviation : 0.0436	Mileage: 46.5	FDI: 13.8
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.119	22:01:20
Min	49.831	14:39:40

15 minute Average Frequency		
Max	50.059	7:15:00
Min	49.896	14:00:00

No. of excursions	
above 50.03 Hz	205
below 49.97 Hz	94
above 50.00 Hz	166
below 50.00 Hz	160

Average time freq per excursion remains	
below 49.97	0:02:48
above 50.03	0:01:53

No. of hours freq outside 49.9-50.05 Hz	3:19:00
---	---------

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