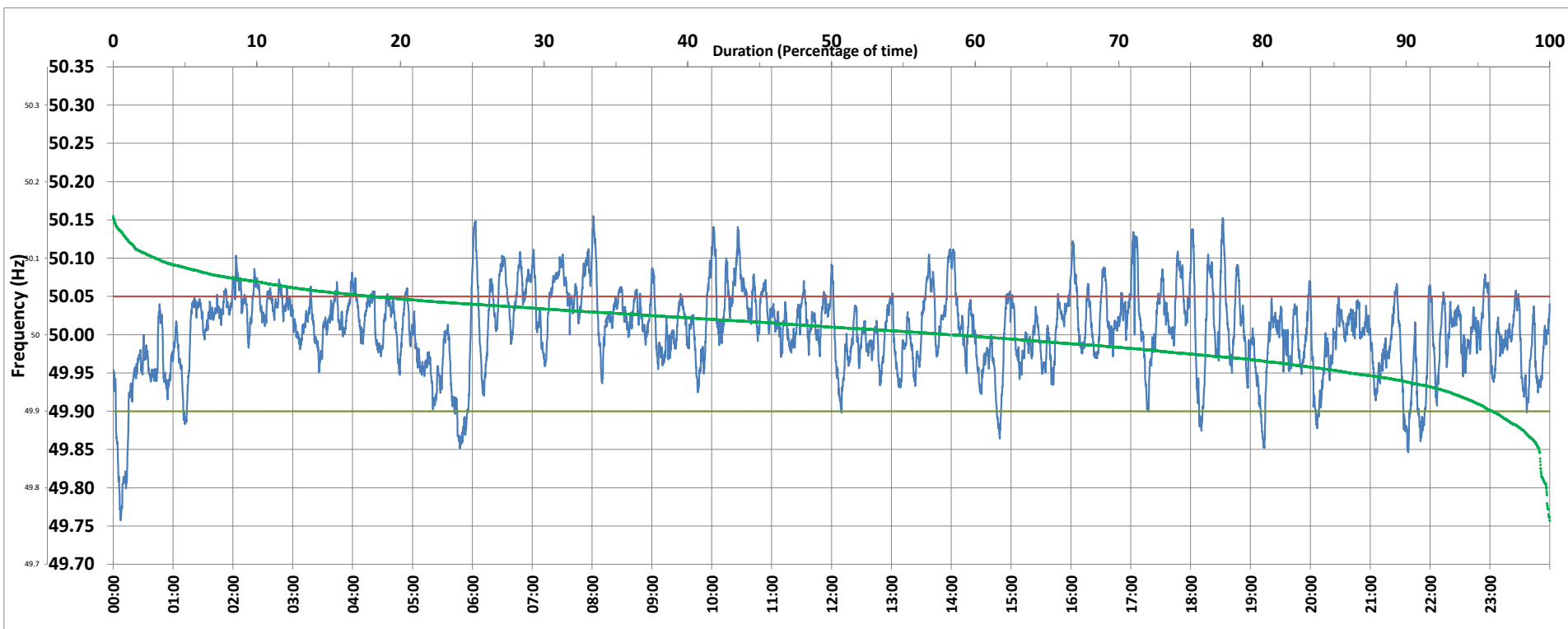


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Apr-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	3.97	22.05	0.23	3.74	37.58	55.50	2.95	78.04	100.00	44.92	15.10	58.18	33.03	17.99	0.00	13.84	68.17	9.87

Average Frequency : 50.006	Frequency Variation Index : 0.0292	Standard Deviation : 0.0538	Mileage: 36.1	FDI: 22.0
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.155	8:01:20
Min	49.757	0:07:30

15 minute Average Frequency		
Max	50.076	10:30:00
Min	49.835	0:15:00

No. of excursions		
above 50.03 Hz		139
below 49.97 Hz		96
above 50.00 Hz		130
below 50.00 Hz		133

Average time freq per excursion remains	
below 49.97	0:03:18
above 50.03	0:03:25

No. of hours freq outside 49.9-50.05 Hz	5:16:10
---	---------

Source : SLPR4:Frequency 10 Sec. (8640 samples)