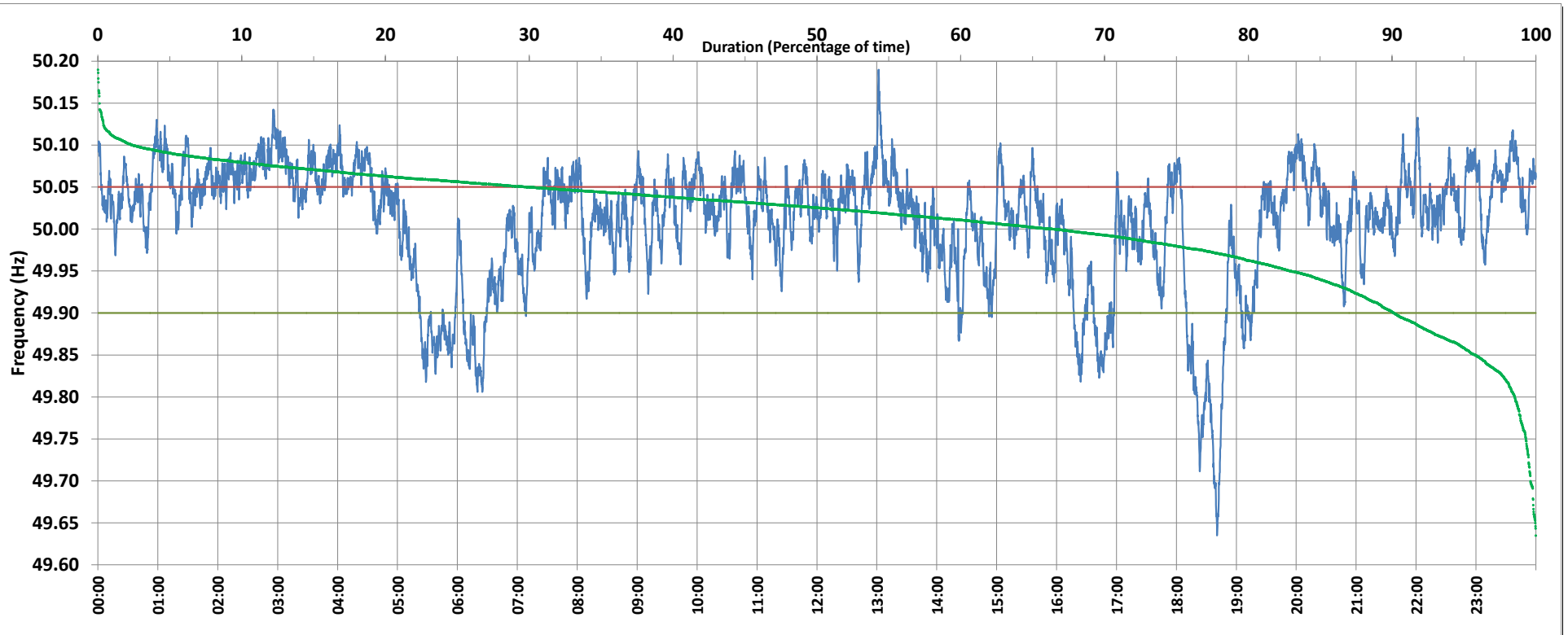


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Sep-2019 (Monday)



<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
0.38	9.87	21.81	1.08	8.41	23.65	64.07	2.41	60.28	99.62	31.79	27.58	66.34	46.40	29.85	0.00	17.03	53.13	7.15

Average Frequency : 50.008	Frequency Variation Index : 0.0527	Standard Deviation : 0.0721	Mileage: 51.6	FDI: 39.7
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.190	13:01:40
Min	49.635	18:40:40

15 minute Average Frequency		
Max	50.097	3:00:00
Min	49.741	18:45:00

No. of excursions	
above 50.03 Hz	199
below 49.97 Hz	78
above 50.00 Hz	145
below 50.00 Hz	145

Average time freq per excursion remains	
below 49.97	0:04:02
above 50.03	0:03:21

No. of hours freq outside 49.9-50.05 Hz	9:32:00
---	---------

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