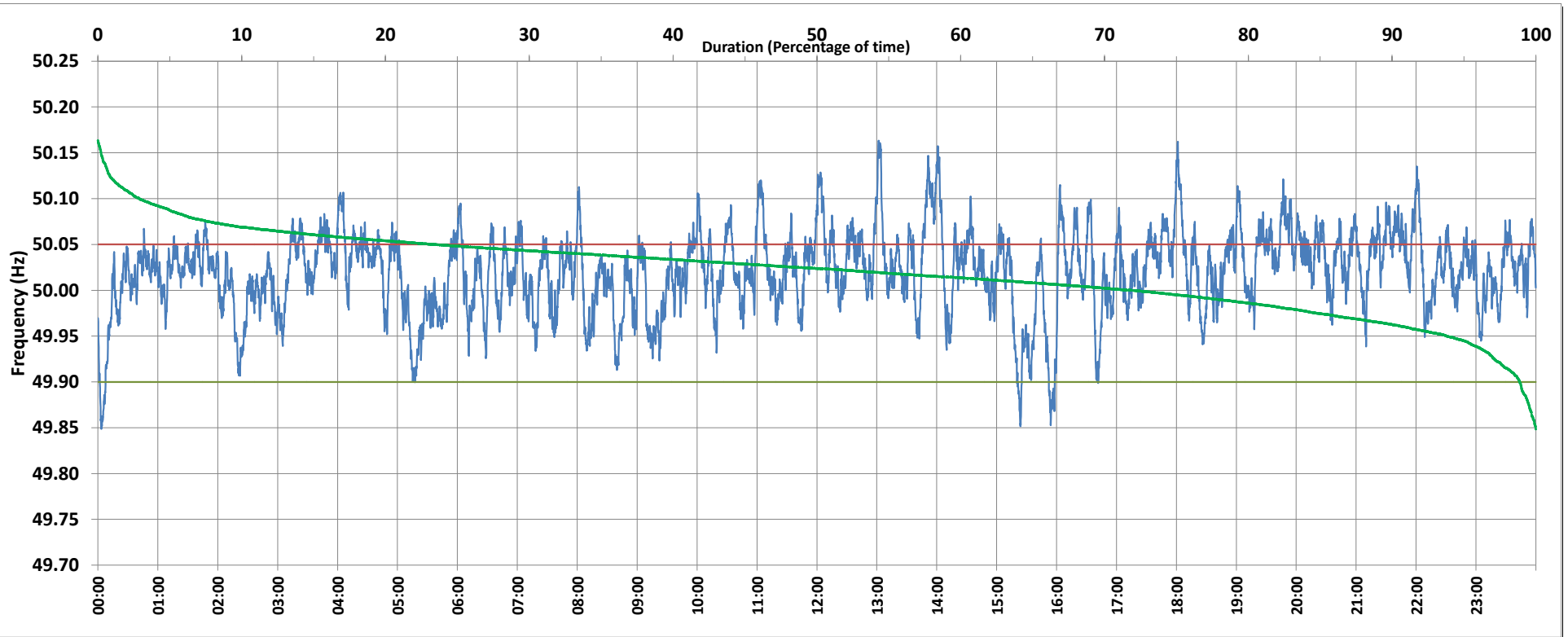


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Sep-2019 (Tuesday)



<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	1.13	13.15	0.00	1.13	26.84	69.14	2.88	75.51	100.00	43.26	20.58	71.84	43.59	23.36	0.00	6.19	70.45	5.06

Average Frequency : 50.020	Frequency Variation Index : 0.0235	Standard Deviation : 0.0442	Mileage: 46.0	FDI: 24.5
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.163	13:01:50
Min	49.849	0:03:20

15 minute Average Frequency		
Max	50.096	14:00:00
Min	49.920	0:15:00

No. of excursions	
above 50.03 Hz	223
below 49.97 Hz	97
above 50.00 Hz	165
below 50.00 Hz	169

Average time freq per excursion remains	
below 49.97	0:01:57
above 50.03	0:02:49

No. of hours freq outside 49.9-50.05 Hz	5:52:40
---	---------

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