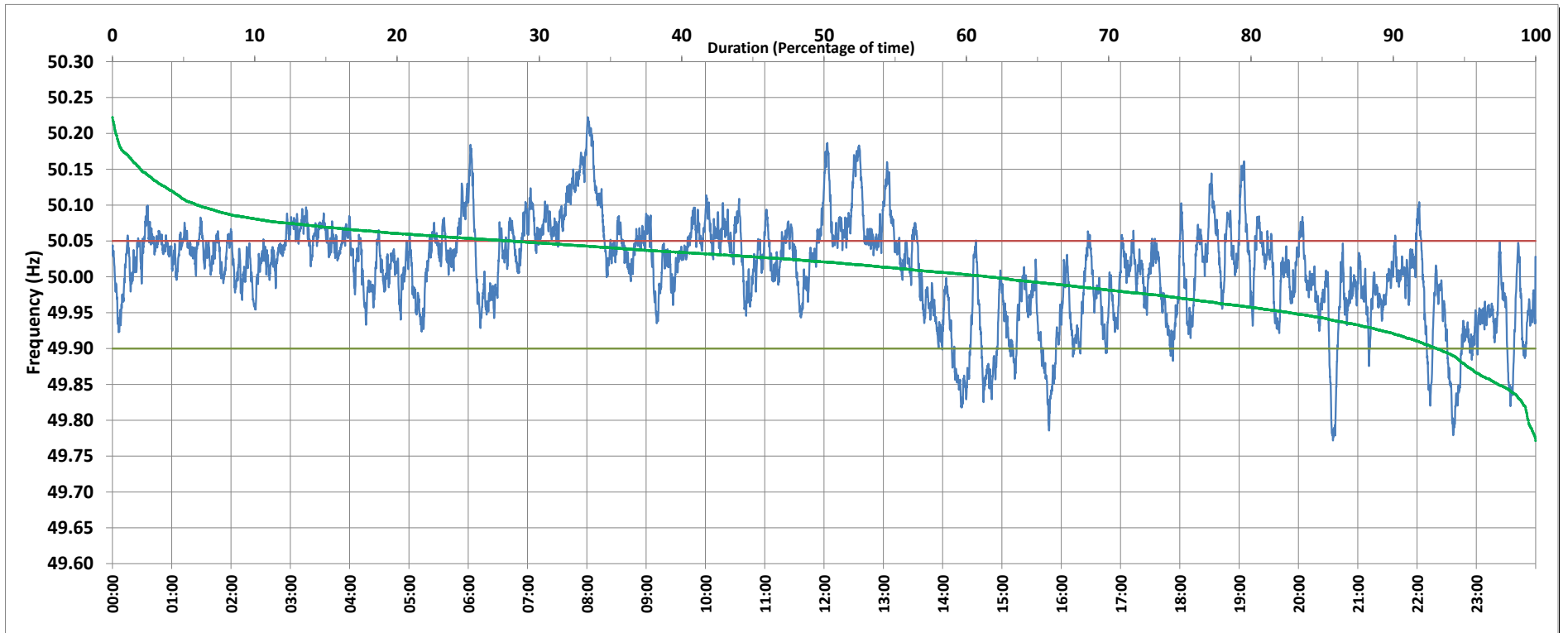


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 25-May-2019 (Saturday)



<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	6.92	24.81	0.51	6.41	31.41	55.63	5.80	65.03	99.76	31.76	22.08	61.59	43.43	28.04	0.24	17.28	54.68	10.36

Average Frequency : 50.010	Frequency Variation Index : 0.0478	Standard Deviation : 0.0684	Mileage: 45.5	FDI: 35.0
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.223	8:00:50
Min	49.772	20:34:50

15 minute Average Frequency		
Max	50.155	8:15:00
Min	49.841	22:45:00

No. of excursions	
above 50.03 Hz	165
below 49.97 Hz	94
above 50.00 Hz	119
below 50.00 Hz	117

Average time freq per excursion remains	
below 49.97	0:03:48
above 50.03	0:03:47

No. of hours freq outside 49.9-50.05 Hz	8:23:30
---	---------

Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)