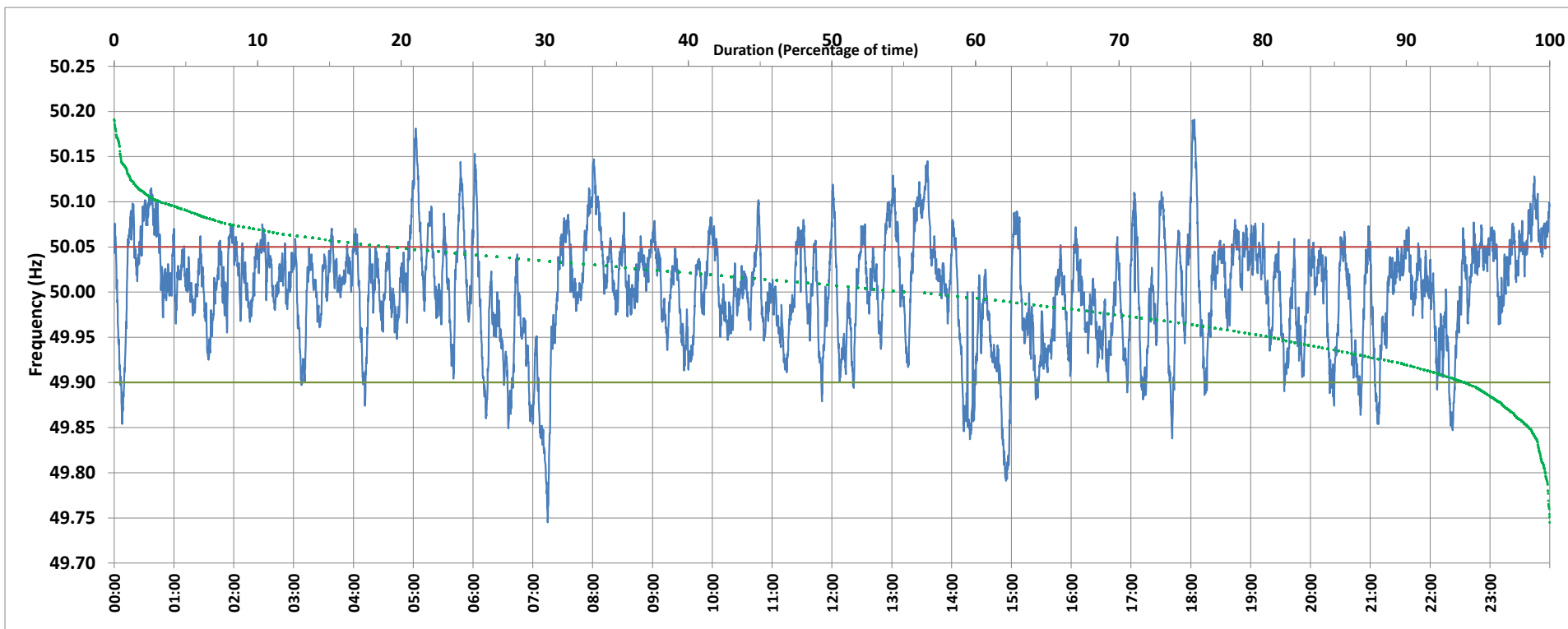


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Jan-2020 (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
0.00	5.81	27.40	0.30	5.51	37.74	53.13	3.32	75.21	100.00	39.12	16.54	55.00	33.48	18.98	0.00	19.19	61.83	13.38

Average Frequency : 50.001	Frequency Variation Index : 0.0367	Standard Deviation : 0.0606	Mileage: 52.3	FDI: 24.8
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.191	18:03:30
Min	49.745	7:14:50

15 minute Average Frequency		
Max	50.088	0:45:00
Min	49.858	7:15:00

No. of excursions	
above 50.03 Hz	161
below 49.97 Hz	113
above 50.00 Hz	124
below 50.00 Hz	127

Average time freq per excursion remains	
below 49.97	0:03:29
above 50.03	0:03:00

No. of hours freq outside 49.9-50.05 Hz	5:57:00
---	---------

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