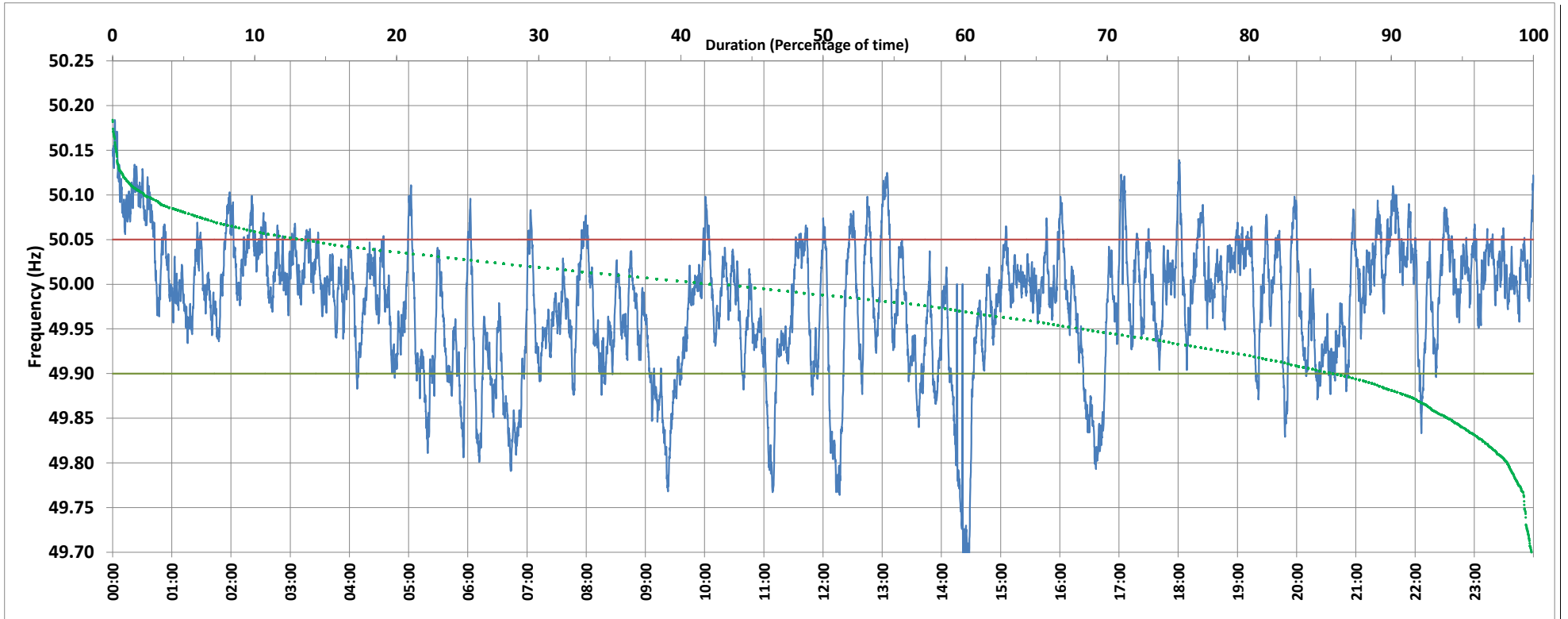


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 06-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
0.13	13.81	39.97	1.70	11.98	42.82	41.04	2.33	72.88	99.87	36.42	11.54	42.04	23.61	13.31	0.00	31.37	55.32	17.56

Average Frequency : 49.978	Frequency Variation Index : 0.0578	Standard Deviation : 0.0726	Mileage: 52.9	FDI: 27.1
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.184	0:02:10
Min	49.691	14:27:10

15 minute Average Frequency		
Max	50.117	0:15:00
Min	49.757	14:30:00

No. of excursions	
above 50.03 Hz	133
below 49.97 Hz	102
above 50.00 Hz	124
below 50.00 Hz	112

Average time freq per excursion remains	
below 49.97	0:05:39
above 50.03	0:02:33

No. of hours freq outside 49.9-50.05 Hz	6:30:30
---	---------

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