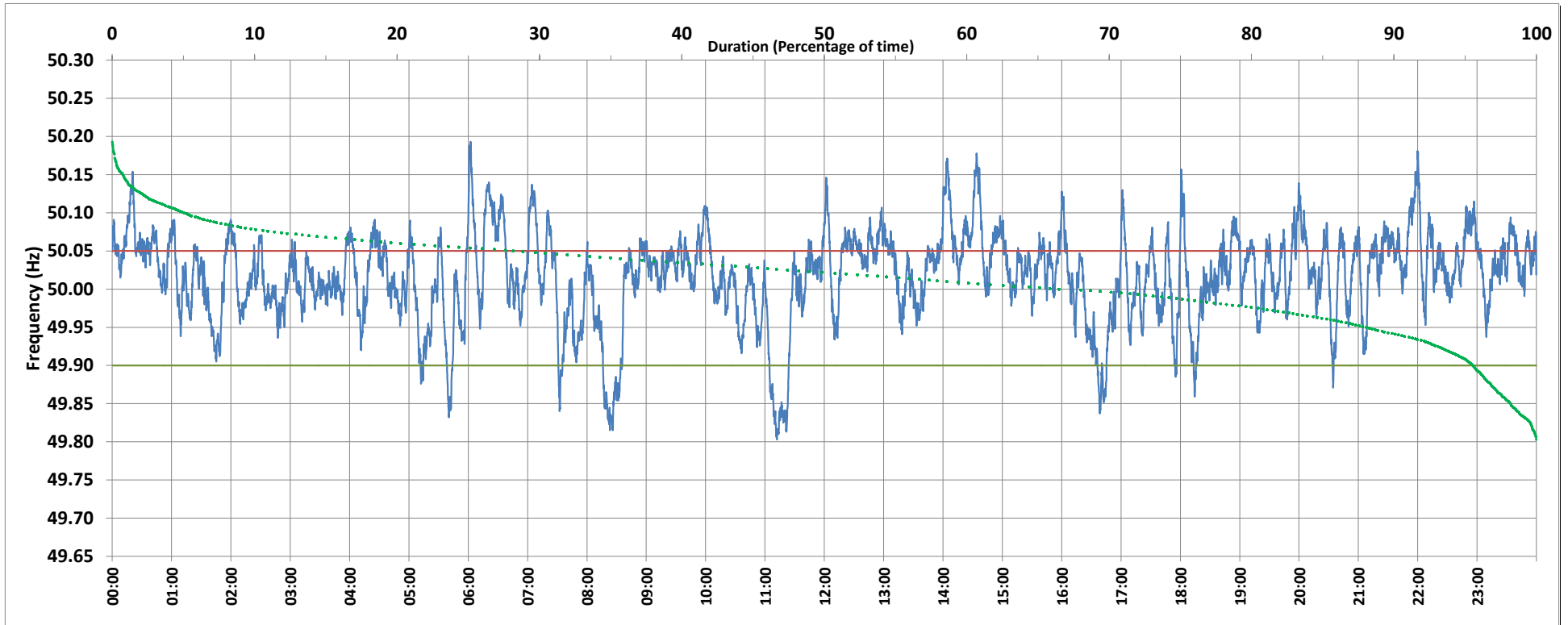


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 06-Jan-2019 (Sunday)



<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	4.42	17.37	0.00	4.42	27.56	62.80	5.22	67.42	100.00	38.88	23.81	66.47	43.75	28.16	0.00	11.74	60.10	7.31

Average Frequency : 50.016	Frequency Variation Index : 0.0369	Standard Deviation : 0.0586	Mileage: 47.7	FDI: 32.6
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.193	6:02:10
Min	49.803	11:12:00

15 minute Average Frequency		
Max	50.101	6:30:00
Min	49.854	8:30:00

No. of excursions	
above 50.03 Hz	138
below 49.97 Hz	74
above 50.00 Hz	125
below 50.00 Hz	118

Average time freq per excursion remains	
below 49.97	0:03:23
above 50.03	0:04:34

No. of hours freq outside 49.9-50.05 Hz	7:49:10
---	---------

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