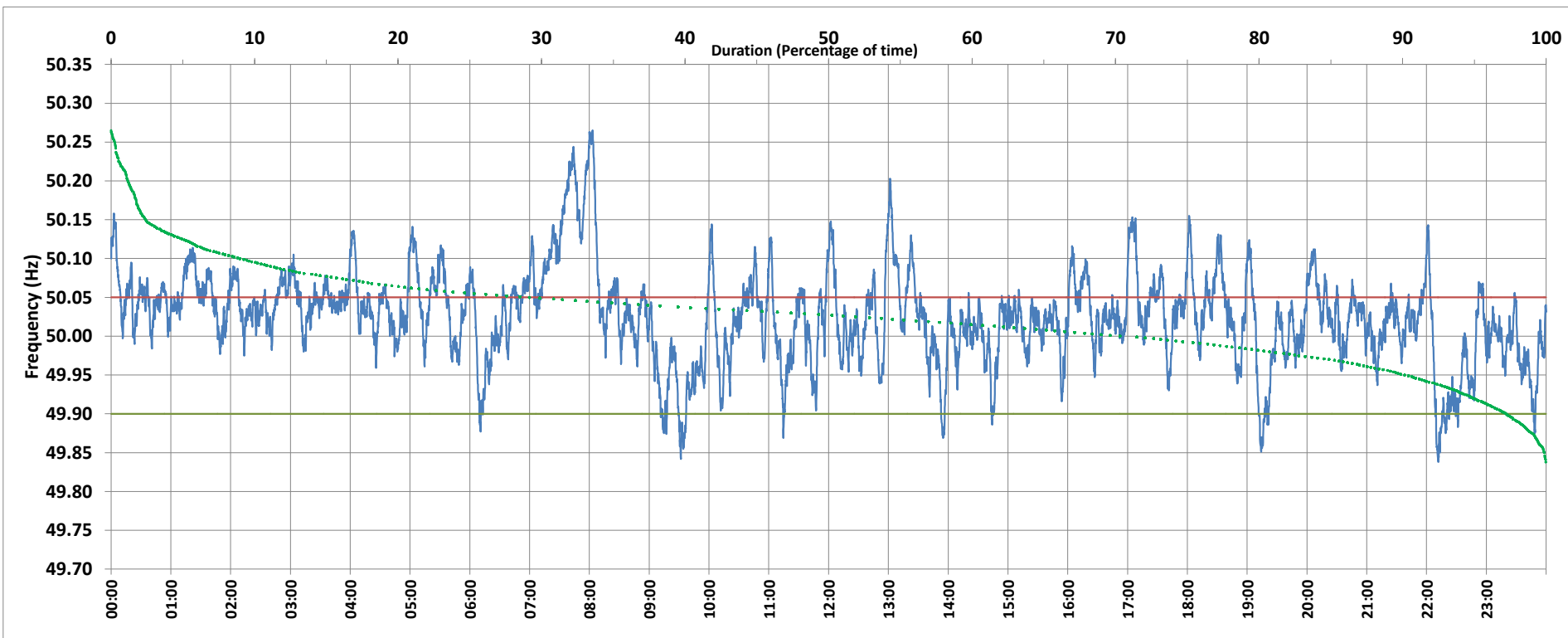


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Jul-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	2.73	14.75	0.00	2.73	25.80	62.22	8.07	68.11	98.82	37.87	20.89	70.30	47.38	29.16	1.18	9.59	61.25	6.86

Average Frequency : 50.026	Frequency Variation Index : 0.0426	Standard Deviation : 0.0601	Mileage: 44.9	FDI: 31.9
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.265	8:03:10
Min	49.838	22:11:40

15 minute Average Frequency		
Max	50.188	7:45:00
Min	49.906	9:45:00

No. of excursions	
above 50.03 Hz	178
below 49.97 Hz	64
above 50.00 Hz	102
below 50.00 Hz	95

Average time freq per excursion remains	
below 49.97	0:03:19
above 50.03	0:03:50

No. of hours freq outside 49.9-50.05 Hz	7:39:10
---	---------

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