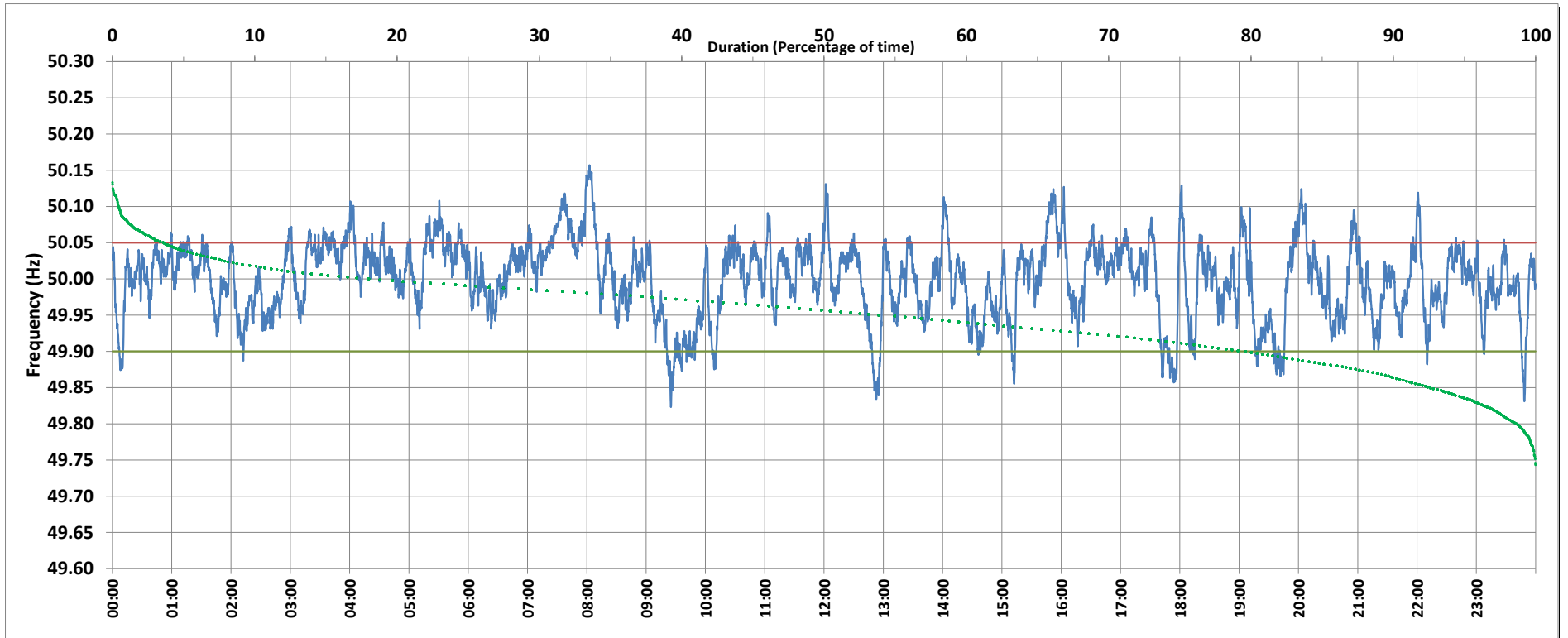


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 16-May-2019 (Thursday)



<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	4.46	25.97	0.00	4.46	40.58	53.00	1.97	82.16	100.00	44.59	12.08	53.83	29.43	13.38	0.00	17.49	69.13	13.03

Average Frequency : 49.999	Frequency Variation Index : 0.0273	Standard Deviation : 0.0523	Mileage: 47.0	FDI: 17.8
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.157	8:02:30
Min	49.823	9:25:00

15 minute Average Frequency		
Max	50.087	7:45:00
Min	49.896	13:00:00

No. of excursions	
above 50.03 Hz	173
below 49.97 Hz	96
above 50.00 Hz	115
below 50.00 Hz	125

Average time freq per excursion remains	
below 49.97	0:03:54
above 50.03	0:02:27

No. of hours freq outside 49.9-50.05 Hz	4:16:50
---	---------

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