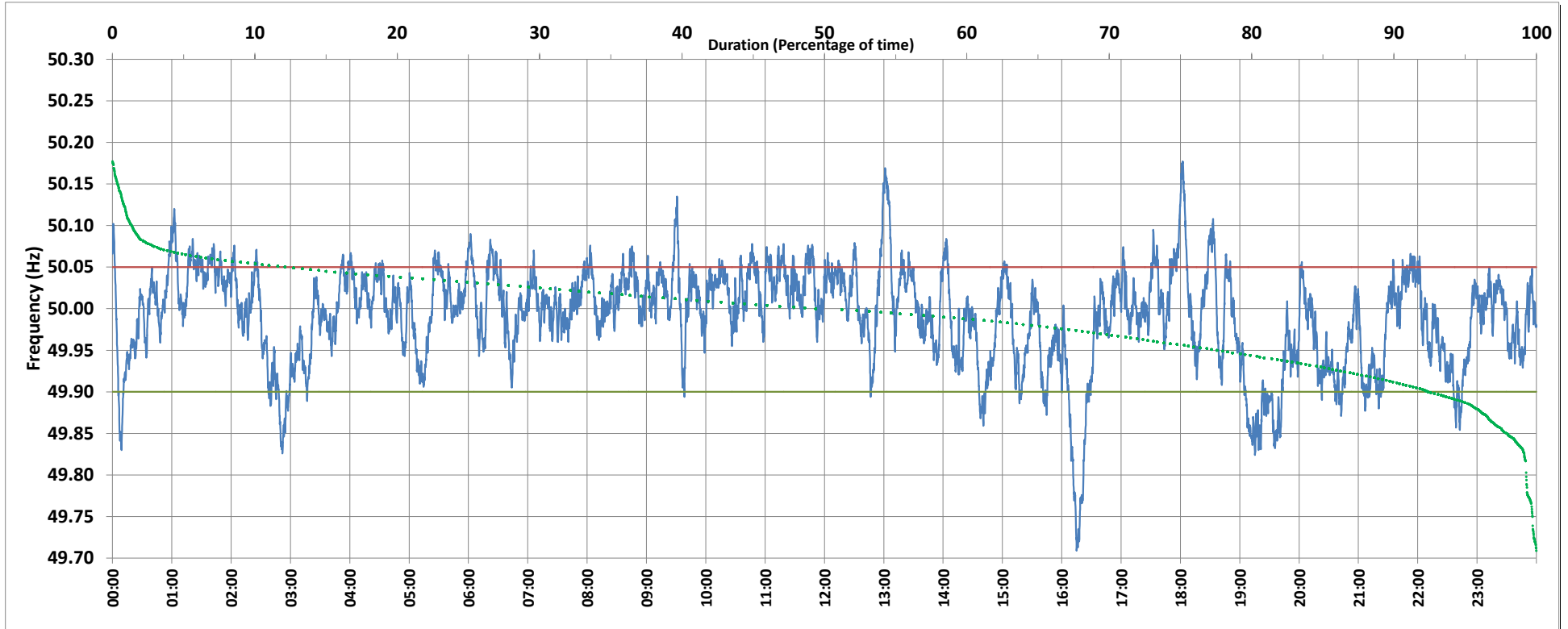


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-Aug-2019 (Saturday)



<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	7.42	30.17	0.72	6.70	41.35	49.86	1.37	80.46	100.00	43.46	11.38	49.38	26.37	12.12	0.00	22.05	65.83	14.63

Average Frequency : 49.991	Frequency Variation Index : 0.0354	Standard Deviation : 0.0588	Mileage: 46.5	FDI: 19.5
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.177	18:02:10
Min	49.709	16:15:00

15 minute Average Frequency		
Max	50.067	13:15:00
Min	49.820	16:30:00

No. of excursions	
above 50.03 Hz	142
below 49.97 Hz	89
above 50.00 Hz	138
below 50.00 Hz	140

Average time freq per excursion remains	
below 49.97	0:04:53
above 50.03	0:02:40

No. of hours freq outside 49.9-50.05 Hz	4:41:20
-----------------------------------------	---------

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