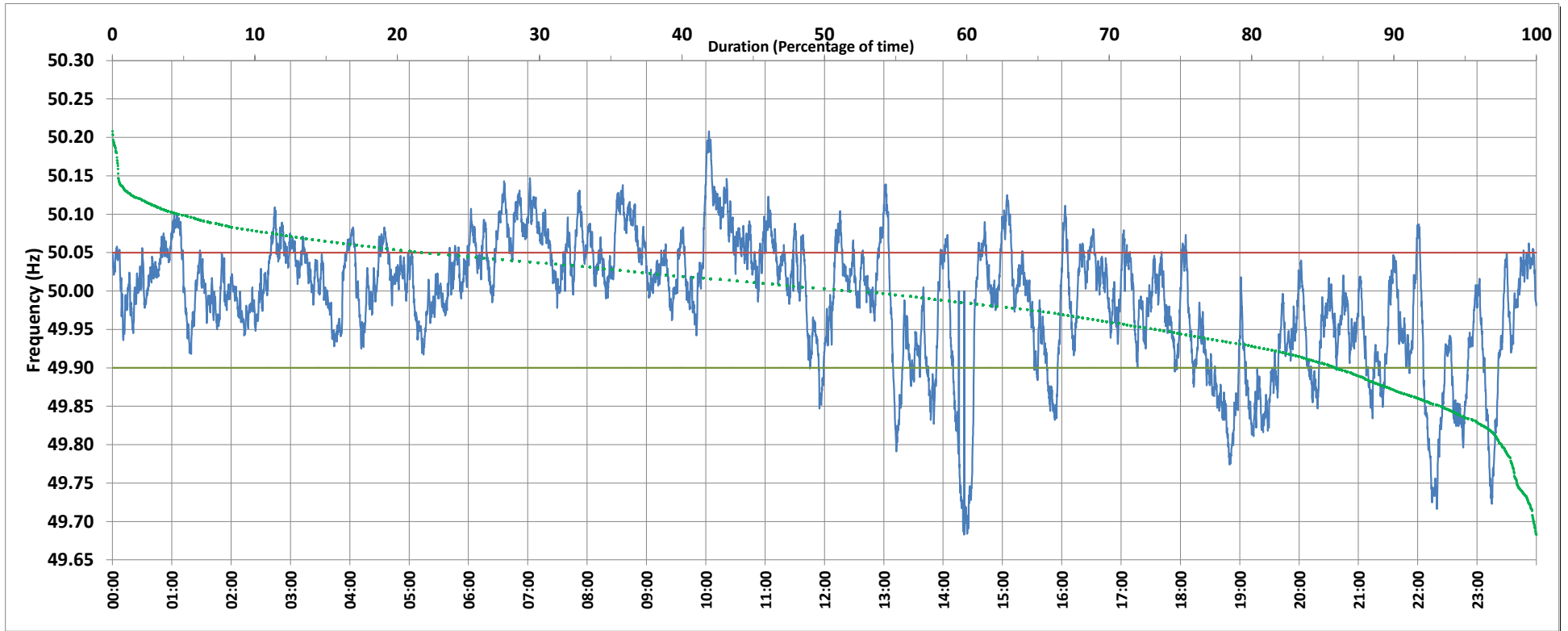


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-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
0.20	14.02	33.24	2.23	11.59	32.92	48.17	4.86	64.28	99.77	32.67	17.65	51.79	34.09	21.70	0.03	26.45	51.85	12.43

Average Frequency : 49.989	Frequency Variation Index : 0.0665	Standard Deviation : 0.0809	Mileage: 48.8	FDI: 35.7
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.208	10:03:10
Min	49.683	14:21:00

15 minute Average Frequency		
Max	50.143	10:15:00
Min	49.747	14:30:00

No. of excursions	
above 50.03 Hz	118
below 49.97 Hz	66
above 50.00 Hz	91
below 50.00 Hz	99

Average time freq per excursion remains	
below 49.97	0:07:15
above 50.03	0:04:10

No. of hours freq outside 49.9-50.05 Hz	8:34:20
---	---------

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