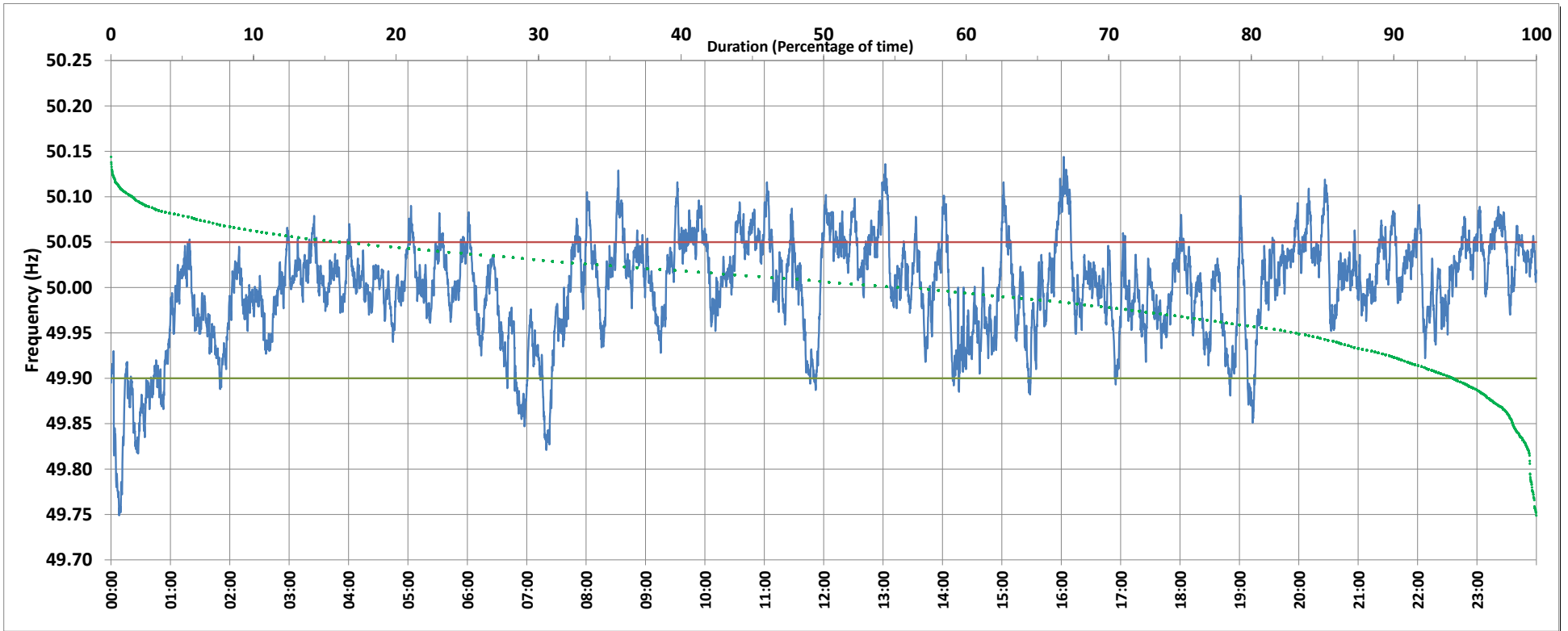


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Aug-2019 (Wednesday)



<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	5.75	25.36	0.45	5.30	37.44	55.23	1.57	78.23	100.00	44.33	15.17	55.17	30.31	16.02	0.00	16.68	67.30	10.93

Average Frequency : 49.999	Frequency Variation Index : 0.0315	Standard Deviation : 0.0562	Mileage: 45.9	FDI: 21.8
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.144	16:02:30
Min	49.749	0:08:10

15 minute Average Frequency		
Max	50.068	16:15:00
Min	49.828	0:15:00

No. of excursions	
above 50.03 Hz	136
below 49.97 Hz	95
above 50.00 Hz	121
below 50.00 Hz	128

Average time freq per excursion remains	
below 49.97	0:03:51
above 50.03	0:03:13

No. of hours freq outside 49.9-50.05 Hz	5:13:30
---	---------

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