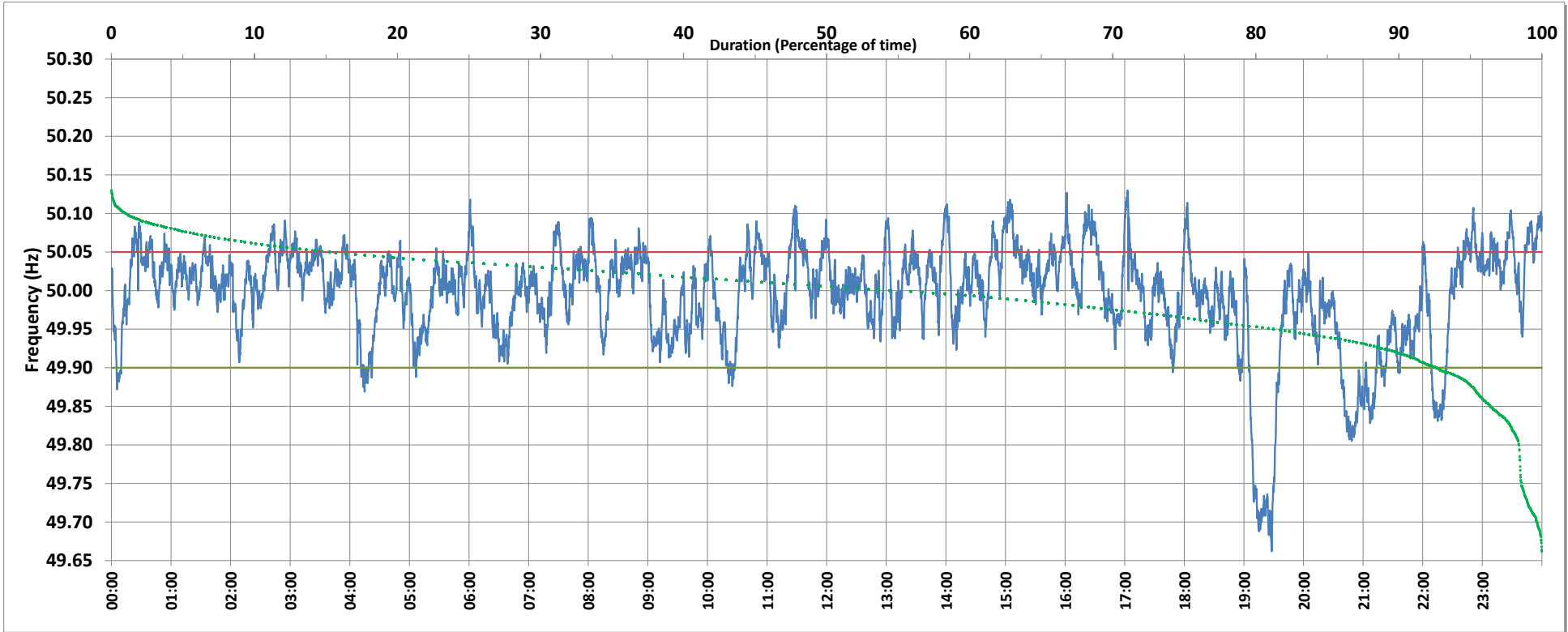


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Aug-2019 (Monday)



<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
0.34	7.27	26.92	1.25	5.68	36.86	54.76	1.11	77.50	99.66	42.97	14.64	54.41	30.10	15.23	0.00	18.30	66.47	11.03

Average Frequency : 49.995	Frequency Variation Index : 0.0427	Standard Deviation : 0.0651	Mileage: 47.2	FDI: 22.5
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.130	17:02:50
Min	49.662	19:27:50

15 minute Average Frequency		
Max	50.077	15:15:00
Min	49.709	19:30:00

No. of excursions	
above 50.03 Hz	154
below 49.97 Hz	87
above 50.00 Hz	137
below 50.00 Hz	145

Average time freq per excursion remains	
below 49.97	0:04:27
above 50.03	0:02:49

No. of hours freq outside 49.9-50.05 Hz	5:24:00
---	---------

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