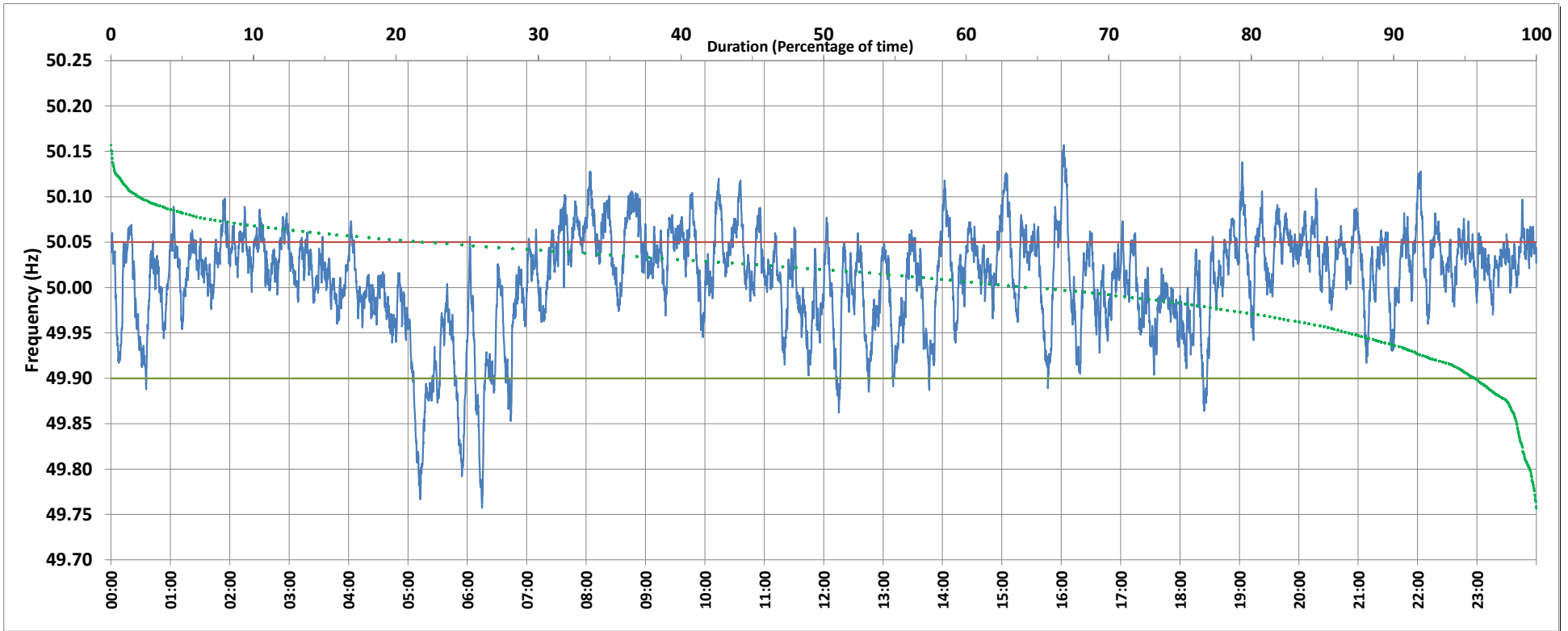


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 25-Aug-2019 (Sunday)



<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	4.21	19.07	0.45	3.76	30.12	63.61	2.06	73.95	100.00	40.08	20.83	64.14	40.84	21.84	0.00	12.94	65.22	8.73

Average Frequency : 50.010	Frequency Variation Index : 0.0311	Standard Deviation : 0.0550	Mileage: 45.8	FDI: 26.1
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.157	16:02:30
Min	49.757	6:14:40

15 minute Average Frequency		
Max	50.072	8:15:00
Min	49.861	5:15:00

No. of excursions	
above 50.03 Hz	174
below 49.97 Hz	80
above 50.00 Hz	96
below 50.00 Hz	83

Average time freq per excursion remains	
below 49.97	0:03:26
above 50.03	0:03:23

No. of hours freq outside 49.9-50.05 Hz	6:15:10
---	---------

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