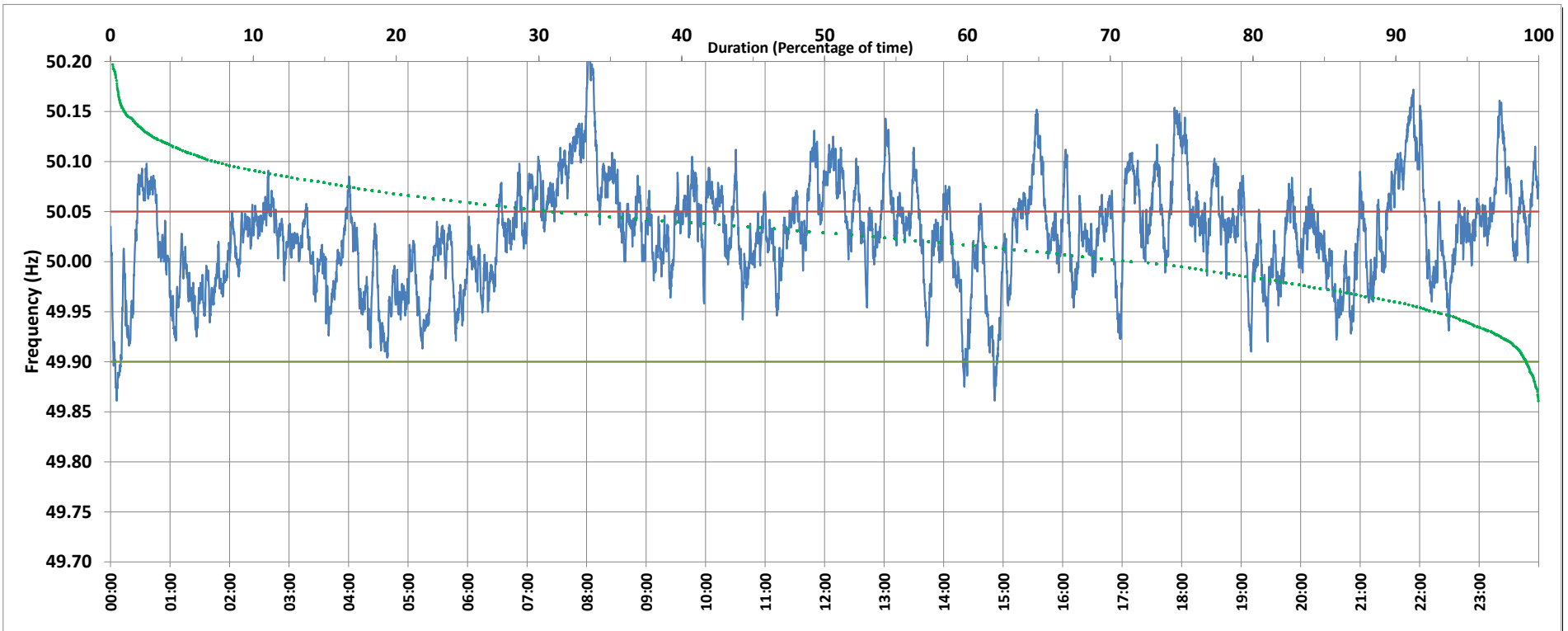


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 26-Jun-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	0.84	13.47	0.00	0.84	26.52	65.09	7.40	68.24	99.85	37.62	24.27	71.46	48.91	30.91	0.15	7.03	62.06	6.18

Average Frequency : 50.027	Frequency Variation Index : 0.0342	Standard Deviation : 0.0517	Mileage: 43.0	FDI: 31.8
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.227	8:02:30
Min	49.861	0:06:10

15 minute Average Frequency		
Max	50.142	8:15:00
Min	49.924	15:00:00

No. of excursions	
above 50.03 Hz	157
below 49.97 Hz	72
above 50.00 Hz	83
below 50.00 Hz	91

Average time freq per excursion remains	
below 49.97	0:02:42
above 50.03	0:04:29

No. of hours freq outside 49.9-50.05 Hz	7:37:20
-----------------------------------------	---------

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