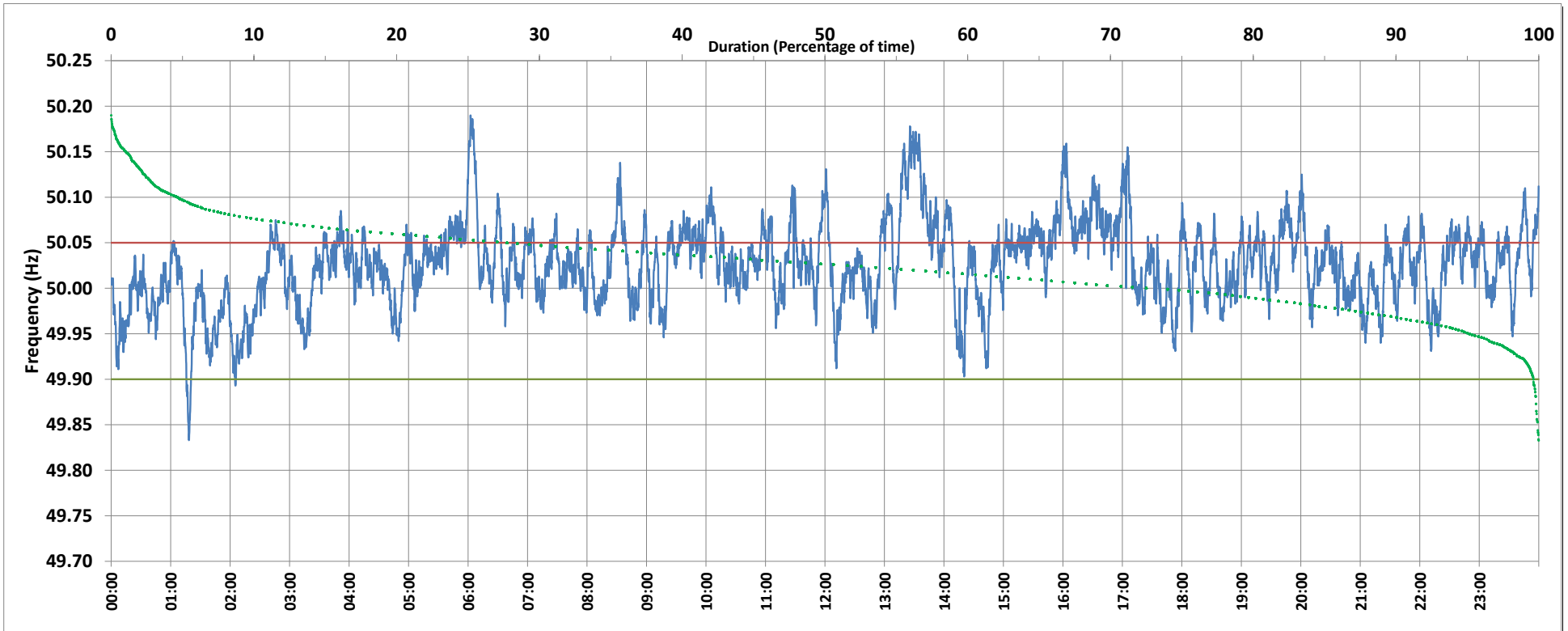


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-Sep-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	0.37	10.35	0.00	0.37	25.64	69.26	4.73	71.91	100.00	43.03	23.80	72.50	46.62	27.72	0.00	4.68	67.60	4.31

Average Frequency : 50.026	Frequency Variation Index : 0.0267	Standard Deviation : 0.0450	Mileage: 46.2	FDI: 28.1
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.190	6:02:30
Min	49.833	1:18:20

15 minute Average Frequency		
Max	50.131	13:30:00
Min	49.933	2:15:00

No. of excursions	
above 50.03 Hz	182
below 49.97 Hz	71
above 50.00 Hz	120
below 50.00 Hz	123

Average time freq per excursion remains	
below 49.97	0:02:06
above 50.03	0:03:41

No. of hours freq outside 49.9-50.05 Hz	6:44:30
---	---------

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