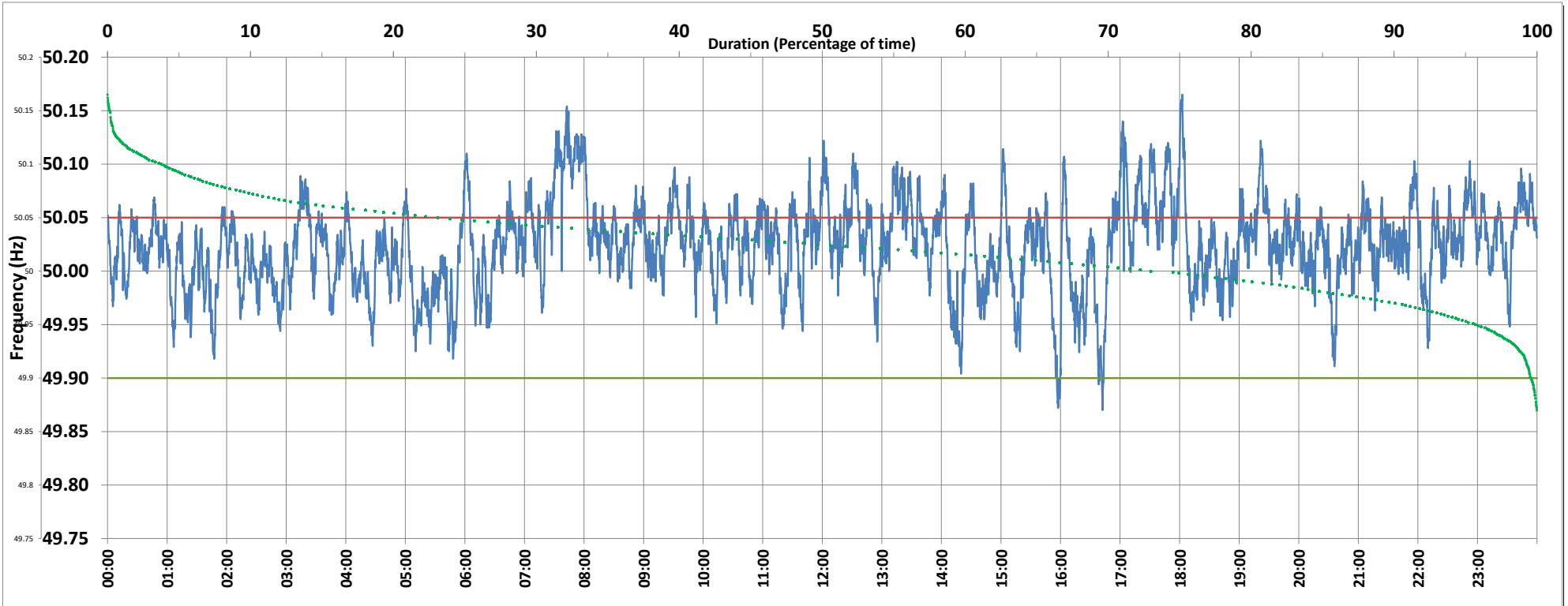


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Oct-2019 (Saturday)



<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	0.39	9.43	0.00	0.39	25.07	70.60	3.94	76.52	100.00	46.52	20.21	72.97	44.05	23.09	0.00	4.11	72.80	3.72

Average Frequency : 50.023	Frequency Variation Index : 0.0222	Standard Deviation : 0.0410	Mileage: 49.0	FDI: 23.5
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.165	18:02:30
Min	49.870	16:42:10

15 minute Average Frequency		
Max	50.112	7:45:00
Min	49.954	16:45:00

No. of excursions	
above 50.03 Hz	240
below 49.97 Hz	75
above 50.00 Hz	116
below 50.00 Hz	126

Average time freq per excursion remains	
below 49.97	0:01:49
above 50.03	0:02:39

No. of hours freq outside 49.9-50.05 Hz	5:38:10
---	---------

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