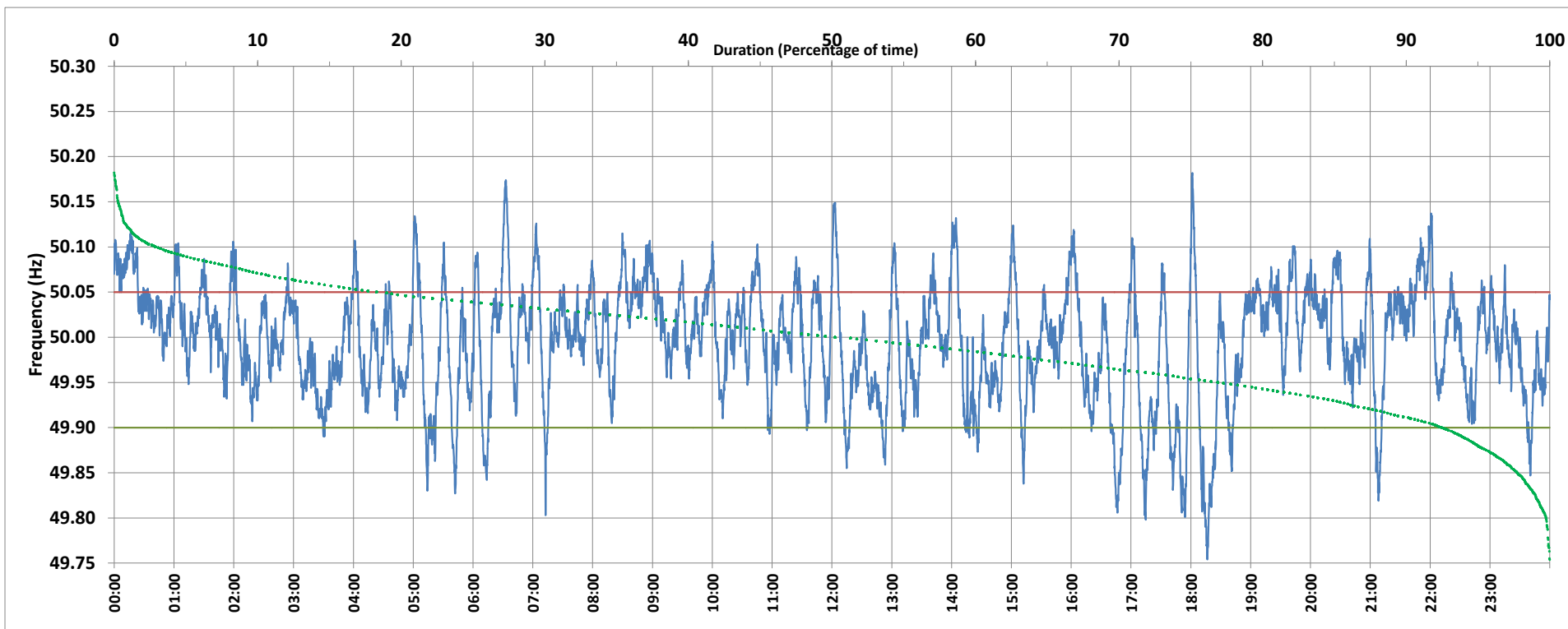


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 12-Feb-2020 (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	7.38	32.33	0.24	7.14	41.34	48.21	3.07	74.34	100.00	36.84	16.10	50.21	30.83	18.28	0.00	22.73	58.99	15.35

Average Frequency : 49.995	Frequency Variation Index : 0.0403	Standard Deviation : 0.0633	Mileage: 50.9	FDI: 25.7
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.182	18:01:20
Min	49.754	18:16:30

15 minute Average Frequency		
Max	50.081	0:15:00
Min	49.875	18:30:00

No. of excursions	
above 50.03 Hz	150
below 49.97 Hz	102
above 50.00 Hz	119
below 50.00 Hz	108

Average time freq per excursion remains	
below 49.97	0:04:34
above 50.03	0:02:58

No. of hours freq outside 49.9-50.05 Hz	6:09:30
---	---------

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