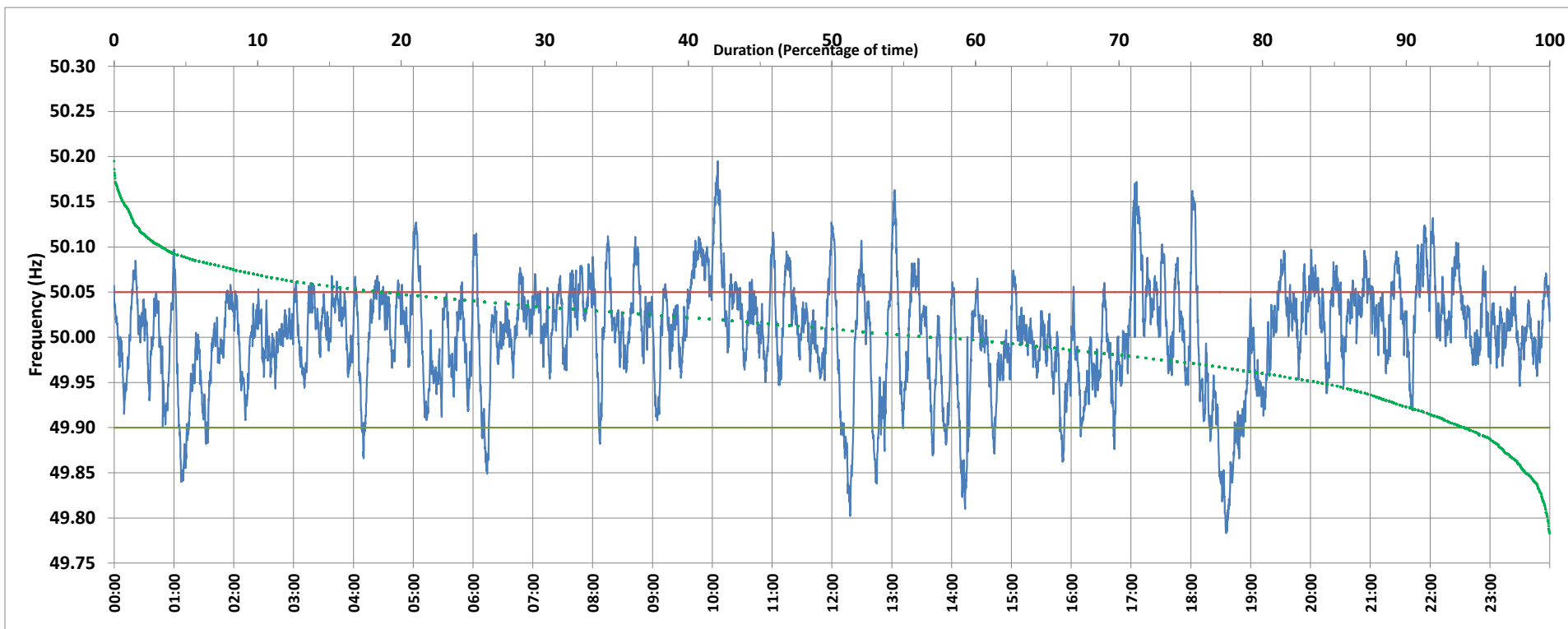


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Mar-2020 (Thursday)



<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	5.86	23.94	0.15	5.71	35.88	54.88	3.38	75.51	100.00	43.23	15.91	56.85	32.84	18.63	0.00	15.86	65.51	10.00

Average Frequency : 50.003	Frequency Variation Index : 0.0347	Standard Deviation : 0.0588	Mileage: 51.8	FDI: 24.5
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.195	10:05:20
Min	49.783	18:35:20

15 minute Average Frequency		
Max	50.105	10:15:00
Min	49.835	18:45:00

No. of excursions	
above 50.03 Hz	182
below 49.97 Hz	106
above 50.00 Hz	142
below 50.00 Hz	141

Average time freq per excursion remains	
below 49.97	0:03:15
above 50.03	0:02:36

No. of hours freq outside 49.9-50.05 Hz	5:52:40
---	---------

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