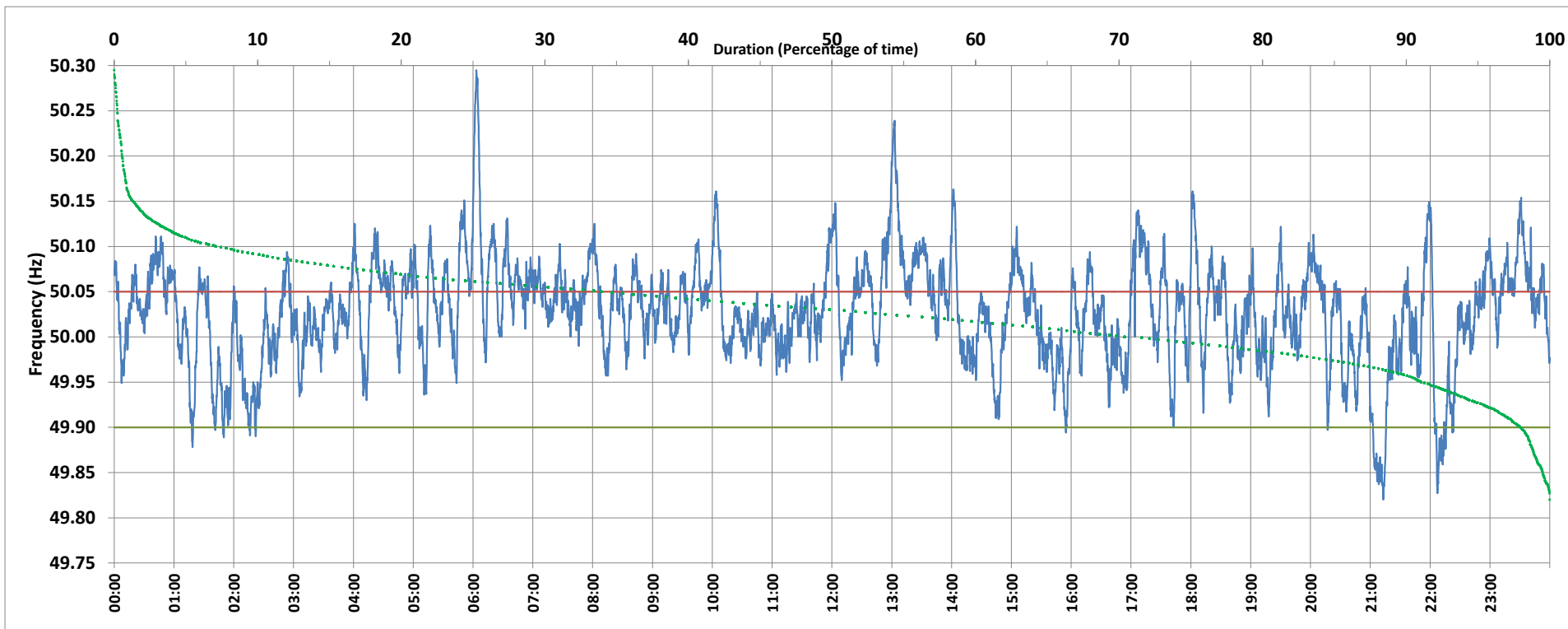


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Mar-2020 (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	1.99	13.34	0.00	1.99	26.44	64.14	6.88	64.06	99.44	36.82	27.59	70.38	49.84	33.95	0.56	8.74	57.31	6.75

Average Frequency : 50.027	Frequency Variation Index : 0.0393	Standard Deviation : 0.0566	Mileage: 48.0	FDI: 35.9
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.295	6:03:20
Min	49.820	21:13:00

15 minute Average Frequency		
Max	50.134	13:15:00
Min	49.863	21:15:00

No. of excursions	
above 50.03 Hz	156
below 49.97 Hz	75
above 50.00 Hz	103
below 50.00 Hz	104

Average time freq per excursion remains	
below 49.97	0:02:34
above 50.03	0:04:36

No. of hours freq outside 49.9-50.05 Hz	8:37:30
---	---------

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