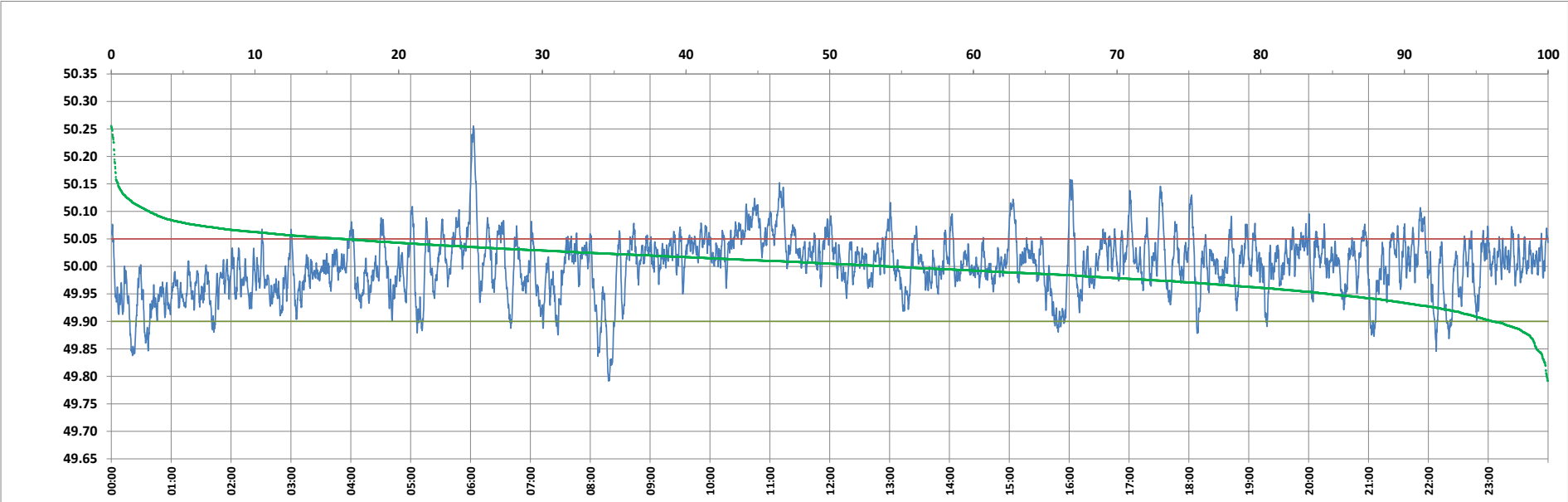


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Jan-2024 (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	3.78	24.43	0.08	3.70	42.09	51.47	2.43	80.13	99.78	46.44	13.44	54.12	29.13	16.09	0.22	15.28	68.63	11.49

Average Frequency : 50.002	Frequency Variation Index : 0.0281	Standard Deviation : 0.0531	Mileage: 48.5	FDI: 19.9
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.256	6:02:50
Min	49.792	8:18:30

15 minute Average Frequency		
Max	50.095	11:15:00
Min	49.903	8:30:00

No. of excursions	
above 50.03 Hz	191
below 49.97 Hz	140
above 50.00 Hz	190
below 50.00 Hz	189

Average time freq per excursion remains	
below 49.97	0:02:31
above 50.03	0:02:12

No. of hours freq outside 49.9-50.05 Hz	4:46:10
---	---------

Source : BALIPARA 10 Sec. (8640 samples)