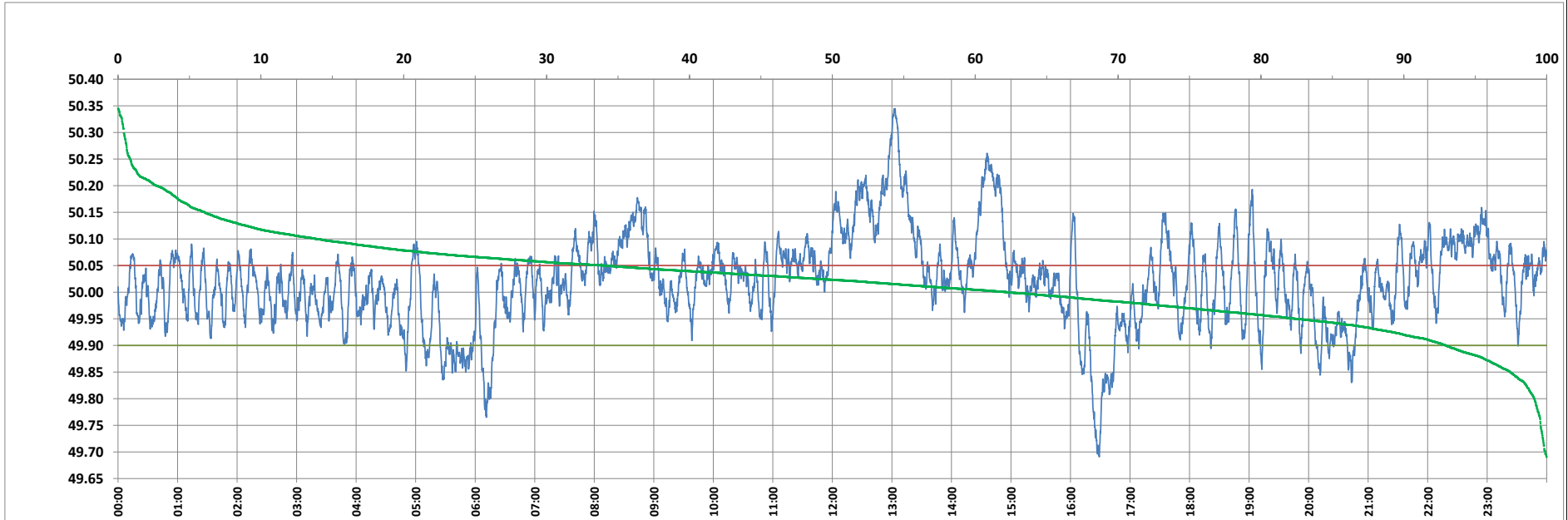


GRID CONTROLLER OF INDIA LIMITED
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 27-Jun-2023 (Tuesday)



<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
0.10	7.05	25.03	0.76	6.18	30.72	48.30	11.24	58.76	97.20	28.80	20.25	62.23	46.17	34.19	2.70	17.51	48.30	10.46

Average Frequency : 50.021	Frequency Variation Index : 0.0752	Standard Deviation : 0.0843	Mileage: 45.8	FDI: 41.2
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.345	13:02:20
Min	49.691	16:29:00

15 minute Average Frequency		
Max	50.262	13:15:00
Min	49.815	16:30:00

No. of excursions	
above 50.03 Hz	135
below 49.97 Hz	101
above 50.00 Hz	112
below 50.00 Hz	111

Average time freq per excursion remains	
below 49.97	0:03:34
above 50.03	0:04:55

No. of hours freq outside 49.9-50.05 Hz	9:53:50
---	---------

Source : BONGAIGAON 10 Sec. (8640 samples)