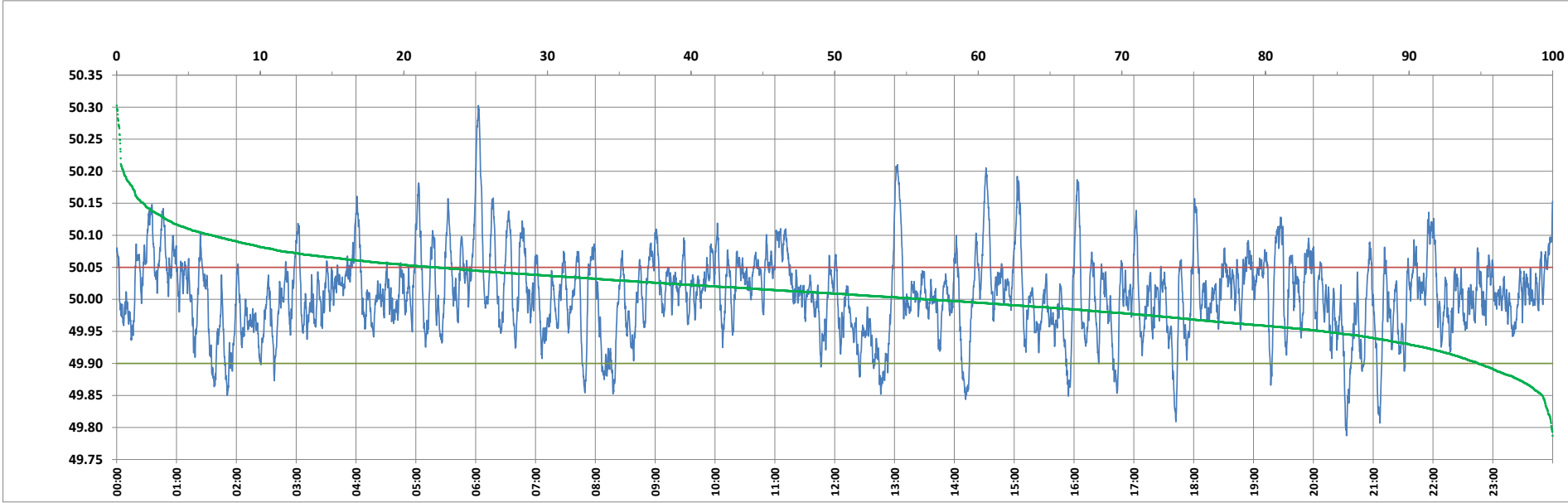


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Dec-2023 (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	5.20	25.79	0.07	5.13	38.34	49.83	6.17	72.62	99.54	39.54	15.56	56.46	34.68	22.19	0.46	15.91	61.90	10.72

Average Frequency : 50.008	Frequency Variation Index : 0.0406	Standard Deviation : 0.0633	Mileage: 50.3	FDI: 27.4
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.303	6:02:40
Min	49.787	20:33:10

15 minute Average Frequency		
Max	50.118	6:15:00
Min	49.907	20:45:00

No. of excursions	
above 50.03 Hz	163
below 49.97 Hz	128
above 50.00 Hz	191
below 50.00 Hz	190

Average time freq per excursion remains	
below 49.97	0:02:54
above 50.03	0:03:04

No. of hours freq outside 49.9-50.05 Hz	6:34:20
---	---------

Source : AGRA 10 Sec. (8640 samples)