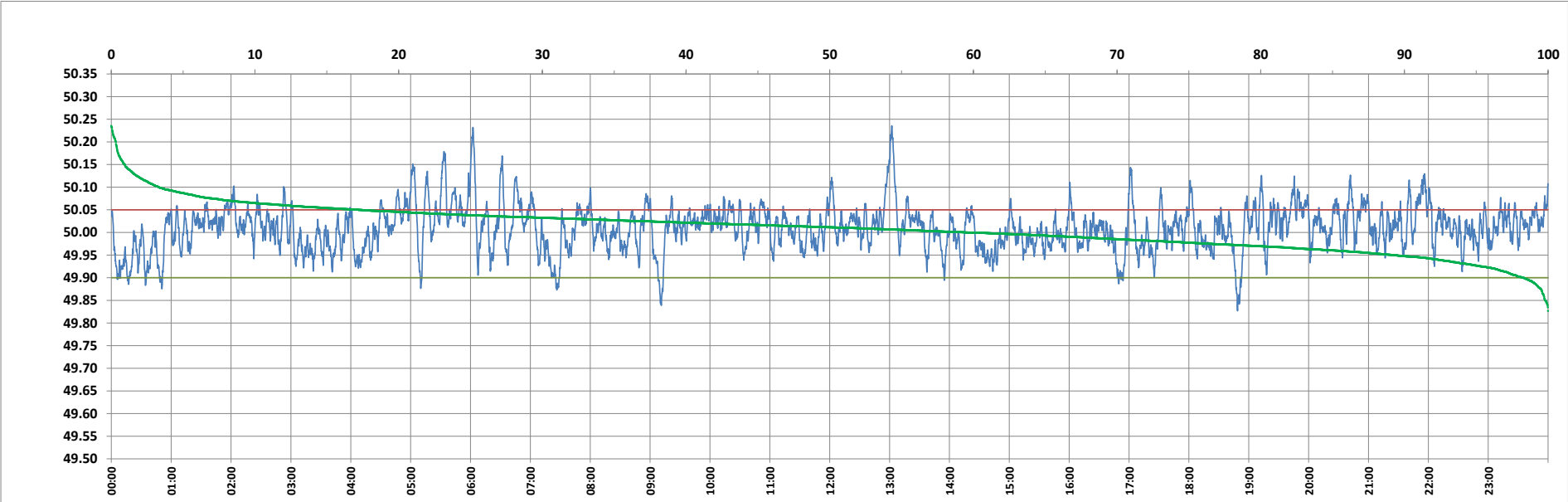


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Jan-2024 (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	1.71	20.20	0.00	1.71	38.60	56.38	3.00	81.05	99.69	47.37	13.92	59.69	32.43	17.23	0.31	10.71	72.06	8.99

Average Frequency : 50.009	Frequency Variation Index : 0.0255	Standard Deviation : 0.0497	Mileage: 48.2	FDI: 18.9
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Instantaneous Frequency		
Max	50.235	13:02:10
Min	49.827	18:48:40

15 minute Average Frequency		
Max	50.090	5:45:00
Min	49.921	7:30:00

No. of excursions	
above 50.03 Hz	209
below 49.97 Hz	144
above 50.00 Hz	215
below 50.00 Hz	214

Average time freq per excursion remains	
below 49.97	0:02:01
above 50.03	0:02:14

No. of hours freq outside 49.9-50.05 Hz	4:32:50
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Source : AGRA 10 Sec. (8640 samples)