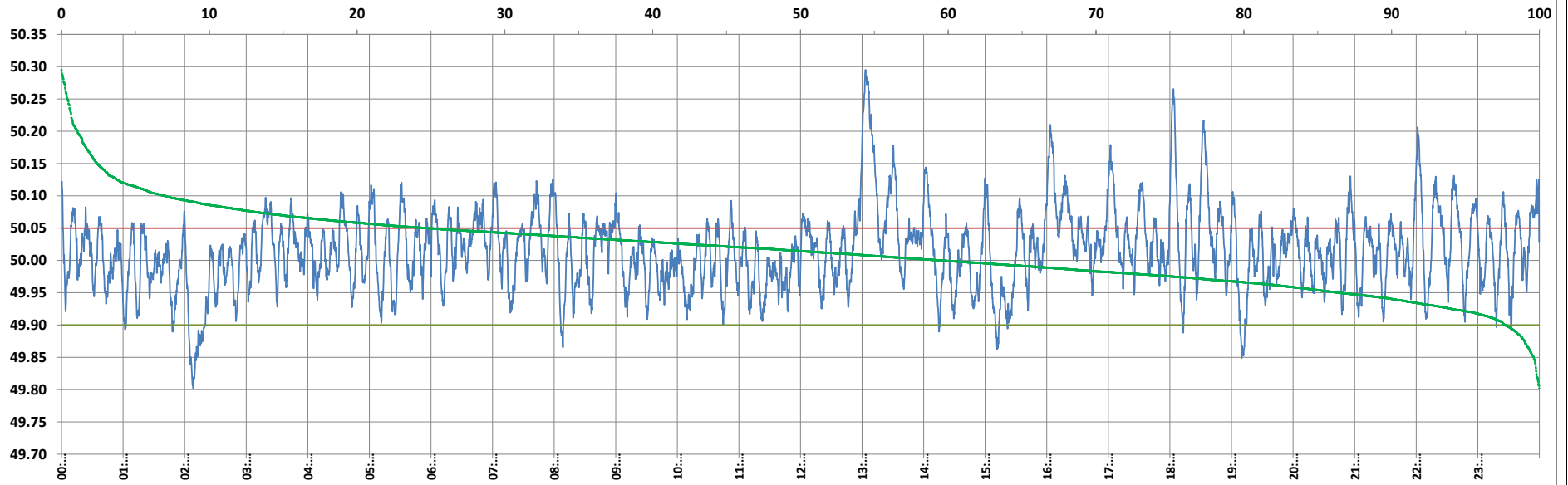


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Apr-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	2.30	22.16	0.00	2.30	38.24	52.48	5.89	72.87	98.91	38.98	17.85	59.46	38.85	24.83	1.09	13.59	61.59	11.28

Average Frequency : 50.015	Frequency Variation Index : 0.0398	Standard Deviation : 0.0615	Mileage: 47.6	FDI: 27.1
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Instantaneous Frequency		
Max	50.295	13:03:20
Min	49.802	2:08:20

15 minute Average Frequency		
Max	50.211	13:15:00
Min	49.883	2:15:00

No. of excursions	
above 50.03 Hz	161
below 49.97 Hz	121
above 50.00 Hz	168
below 50.00 Hz	167

Average time freq per excursion remains	
below 49.97	0:02:38
above 50.03	0:03:29

No. of hours freq outside 49.9-50.05 Hz	6:30:40
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Source : BALIPARA 10 Sec. (8640 samples)