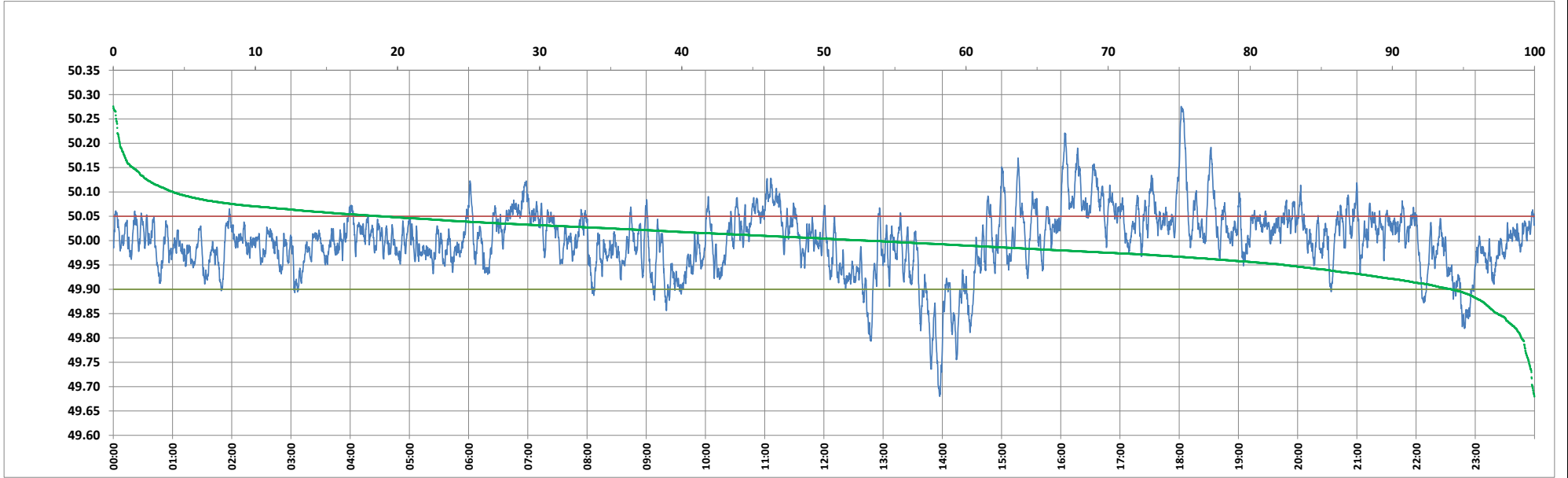


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Apr-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
0.14	5.86	26.71	0.78	4.94	41.13	48.80	3.75	75.25	99.40	41.83	14.68	53.01	31.46	18.89	0.46	17.59	63.52	11.74

Average Frequency : 50.000	Frequency Variation Index : 0.0429	Standard Deviation : 0.0656	Mileage: 46.5	FDI: 24.7
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Instantaneous Frequency	
Max	50.276 18:02:00
Min	49.680 13:57:20

15 minute Average Frequency	
Max	50.131 18:15:00
Min	49.776 14:00:00

No. of excursions	
above 50.03 Hz	167
below 49.97 Hz	122
above 50.00 Hz	176
below 50.00 Hz	176

Average time freq per excursion remains	
below 49.97	0:03:09
above 50.03	0:02:43

No. of hours freq outside 49.9-50.05 Hz	5:56:20
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Source : AGRA 10 Sec. (8640 samples)