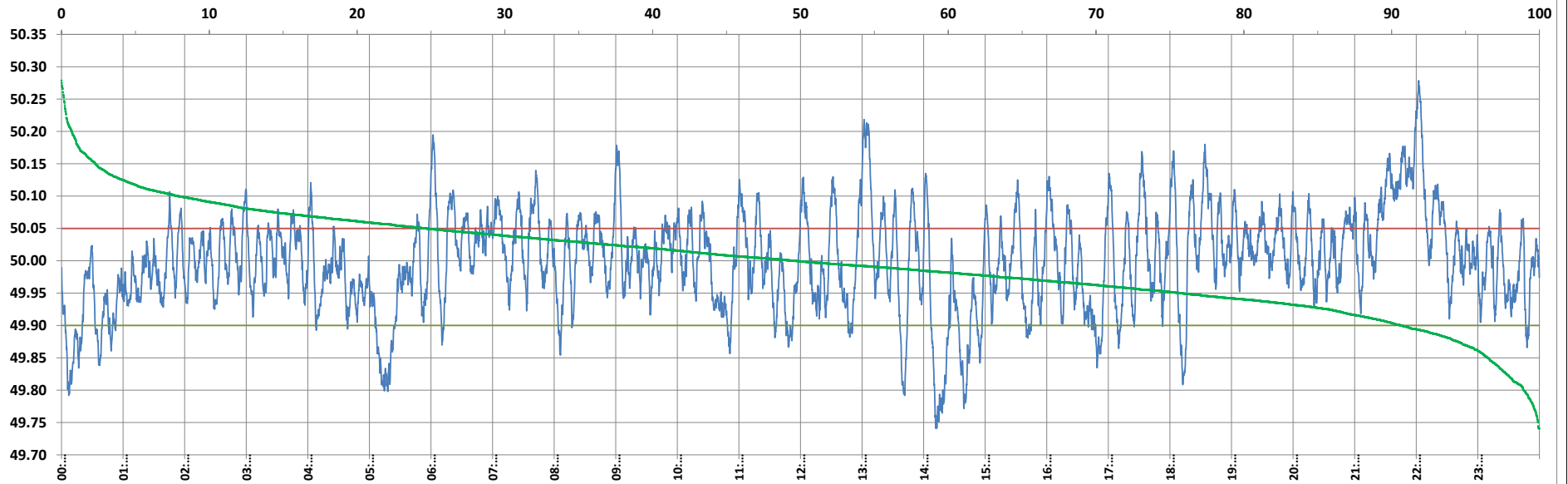


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-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	9.29	33.91	1.06	8.23	41.16	41.68	7.18	66.04	99.31	31.54	16.79	49.55	34.55	24.66	0.69	24.26	51.08	14.97

Average Frequency : 49.999	Frequency Variation Index : 0.0581	Standard Deviation : 0.0763	Mileage: 50.1	FDI: 34.0
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Instantaneous Frequency		
Max	50.279	22:02:20
Min	49.741	14:12:00

15 minute Average Frequency		
Max	50.151	22:00:00
Min	49.858	14:45:00

No. of excursions	
above 50.03 Hz	137
below 49.97 Hz	127
above 50.00 Hz	150
below 50.00 Hz	150

Average time freq per excursion remains	
below 49.97	0:03:51
above 50.03	0:03:38

No. of hours freq outside 49.9-50.05 Hz	8:09:00
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Source : ALIPURDUAR 10 Sec. (8640 samples)