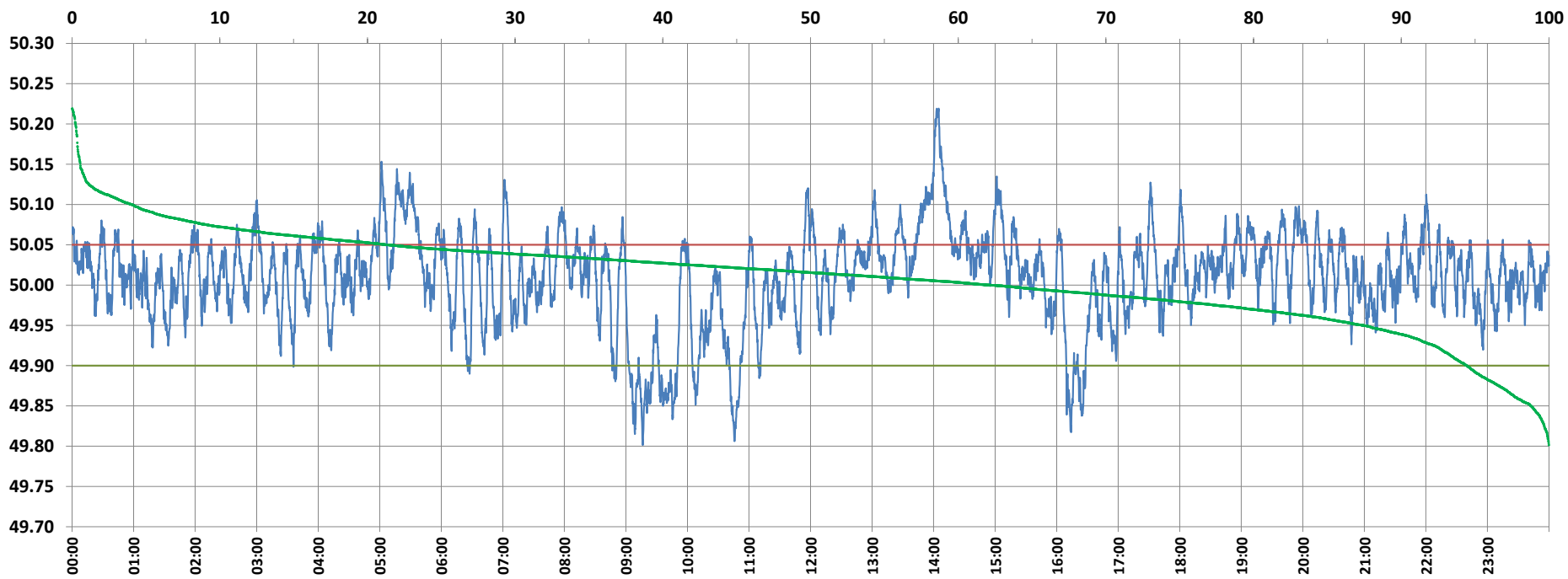


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Dec-2021 (Friday)



<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	5.56	20.14	0.00	5.56	32.36	58.08	3.77	73.13	99.77	42.08	17.31	62.08	37.78	21.32	0.23	12.60	66.08	7.05

Average Frequency : 50.009	Frequency Variation Index : 0.0339	Standard Deviation : 0.0575	Mileage: 45.8	FDI: 26.9
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Instantaneous Frequency	
Max	50.219 14:04:50
Min	49.801 9:16:20

15 minute Average Frequency	
Max	50.153 14:15:00
Min	49.876 9:30:00

No. of excursions	
above 50.03 Hz	199
below 49.97 Hz	106
above 50.00 Hz	177
below 50.00 Hz	176

Average time freq per excursion remains	
below 49.97	0:02:44
above 50.03	0:02:44

No. of hours freq outside 49.9-50.05 Hz	6:27:00
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Source : AGRA 10 Sec. (8640 samples)