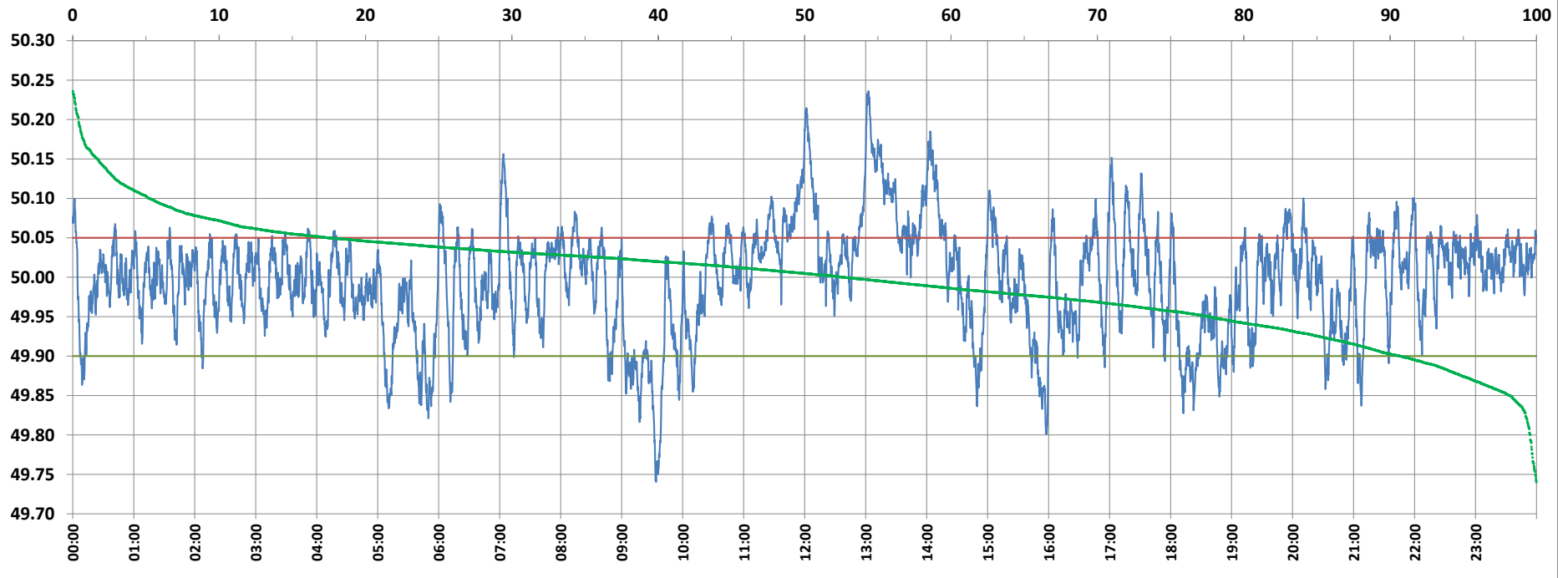


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Jan-2022 (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	9.28	30.75	0.43	8.85	38.03	47.45	4.83	73.25	99.59	37.48	12.23	52.69	31.77	17.47	0.41	22.31	60.22	13.03

Average Frequency : 49.997	Frequency Variation Index : 0.0463	Standard Deviation : 0.0680	Mileage: 50.9	FDI: 26.7
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Instantaneous Frequency		
Max	50.236	13:02:40
Min	49.740	9:33:40

15 minute Average Frequency		
Max	50.176	13:15:00
Min	49.848	9:45:00

No. of excursions	
above 50.03 Hz	205
below 49.97 Hz	137
above 50.00 Hz	156
below 50.00 Hz	155

Average time freq per excursion remains	
below 49.97	0:03:14
above 50.03	0:02:14

No. of hours freq outside 49.9-50.05 Hz	6:25:10
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Source : AGRA 10 Sec. (8640 samples)