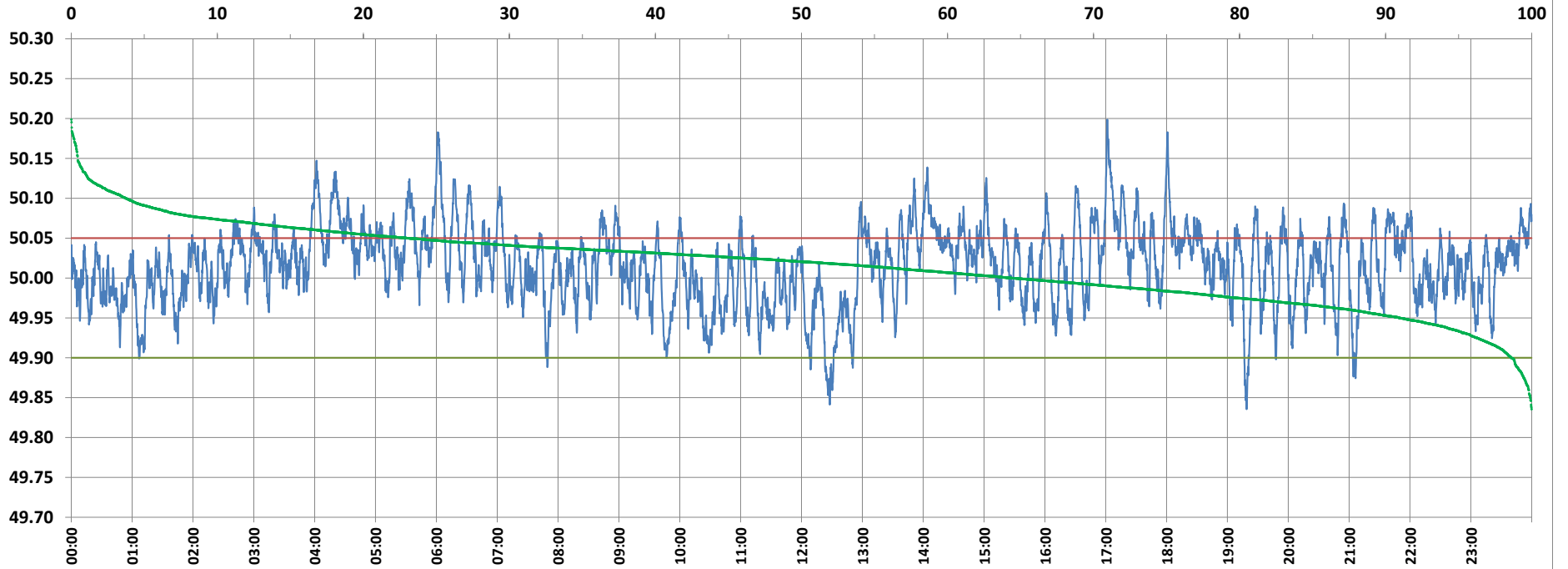


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Dec-2021 (Sunday)



<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	1.40	17.29	0.00	1.40	34.26	60.60	3.74	75.60	100.00	41.49	19.27	64.34	41.22	23.00	0.00	9.05	67.95	7.65

Average Frequency : 50.016	Frequency Variation Index : 0.0264	Standard Deviation : 0.0489	Mileage: 47.2	FDI: 24.4
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Instantaneous Frequency	
Max	50.199 17:01:30
Min	49.836 19:18:50

15 minute Average Frequency	
Max	50.103 17:15:00
Min	49.929 12:30:00

No. of excursions	
above 50.03 Hz	219
below 49.97 Hz	139
above 50.00 Hz	185
below 50.00 Hz	184

Average time freq per excursion remains	
below 49.97	0:01:47
above 50.03	0:02:43

No. of hours freq outside 49.9-50.05 Hz	5:51:20
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Source : AGRA 10 Sec. (8640 samples)