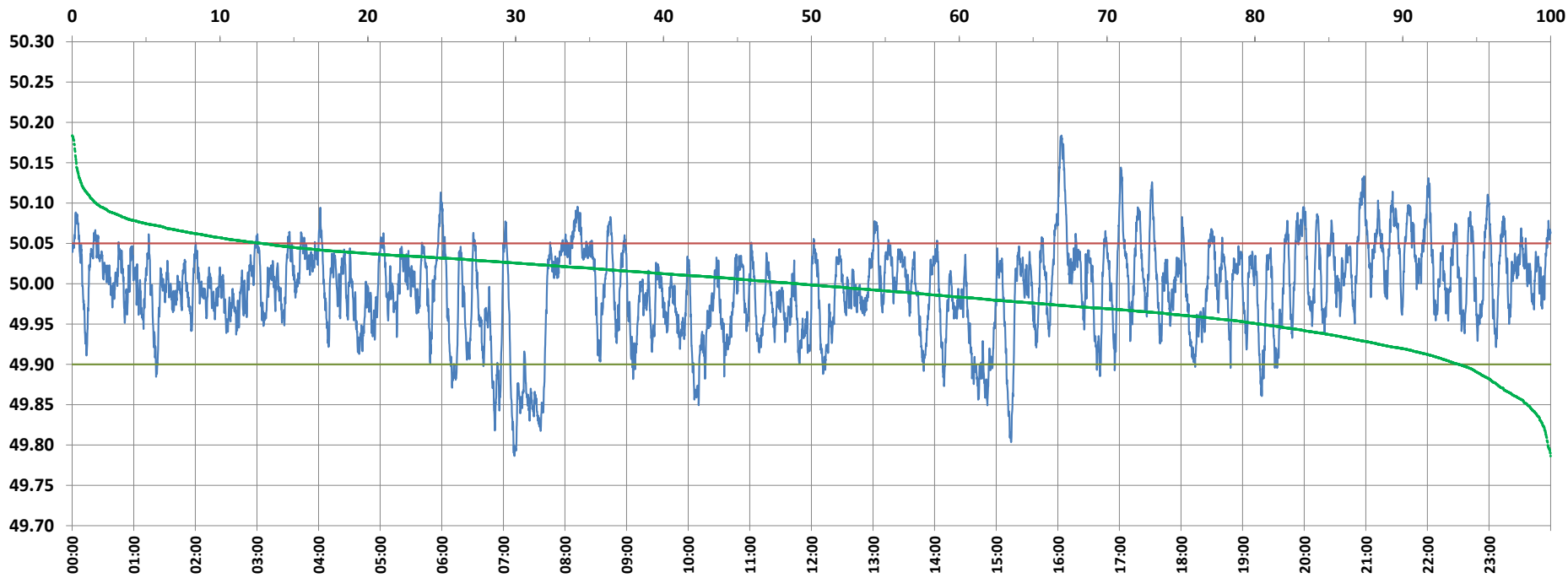


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Dec-2021 (Thursday)



<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	6.22	30.78	0.20	6.02	44.76	47.41	1.62	80.96	100.00	42.56	11.20	49.03	26.67	12.82	0.00	19.75	67.43	13.53

Average Frequency : 49.993	Frequency Variation Index : 0.0318	Standard Deviation : 0.0561	Mileage: 46.3	FDI: 19.0
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Instantaneous Frequency		
Max	50.184	16:03:30
Min	49.786	7:10:40

15 minute Average Frequency		
Max	50.090	16:15:00
Min	49.861	7:30:00

No. of excursions	
above 50.03 Hz	166
below 49.97 Hz	176
above 50.00 Hz	169
below 50.00 Hz	168

Average time freq per excursion remains	
below 49.97	0:02:31
above 50.03	0:02:19

No. of hours freq outside 49.9-50.05 Hz	4:34:10
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Source : AGRA 10 Sec. (8640 samples)