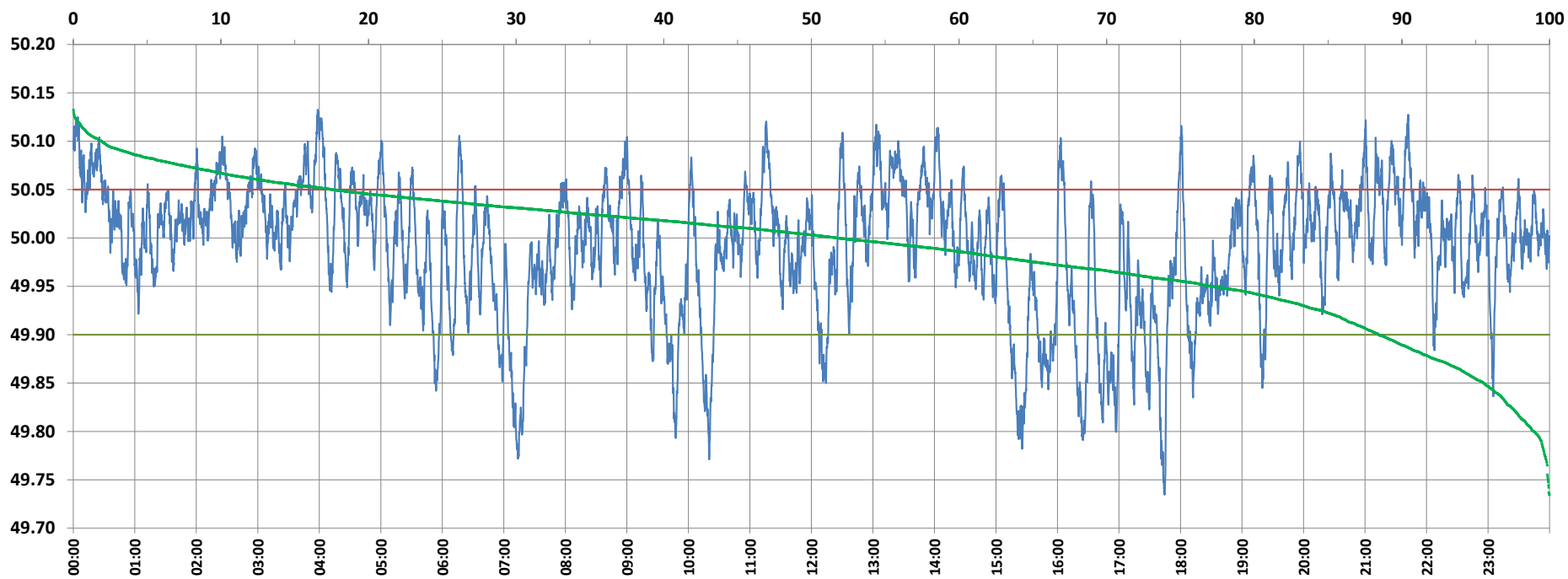


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Dec-2021 (Monday)



<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	11.54	32.19	1.05	10.49	36.72	49.81	1.92	70.91	100.00	36.89	15.63	51.74	30.93	17.55	0.00	22.89	59.56	11.35

Average Frequency : 49.991	Frequency Variation Index : 0.0471	Standard Deviation : 0.0680	Mileage: 48.1	FDI: 29.1
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Instantaneous Frequency		
Max	50.133	3:58:20
Min	49.735	17:44:20

15 minute Average Frequency		
Max	50.079	0:15:00
Min	49.832	15:30:00

No. of excursions	
above 50.03 Hz	165
below 49.97 Hz	125
above 50.00 Hz	167
below 50.00 Hz	166

Average time freq per excursion remains	
below 49.97	0:03:42
above 50.03	0:02:42

No. of hours freq outside 49.9-50.05 Hz	6:58:50
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Source : AGRA 10 Sec. (8640 samples)