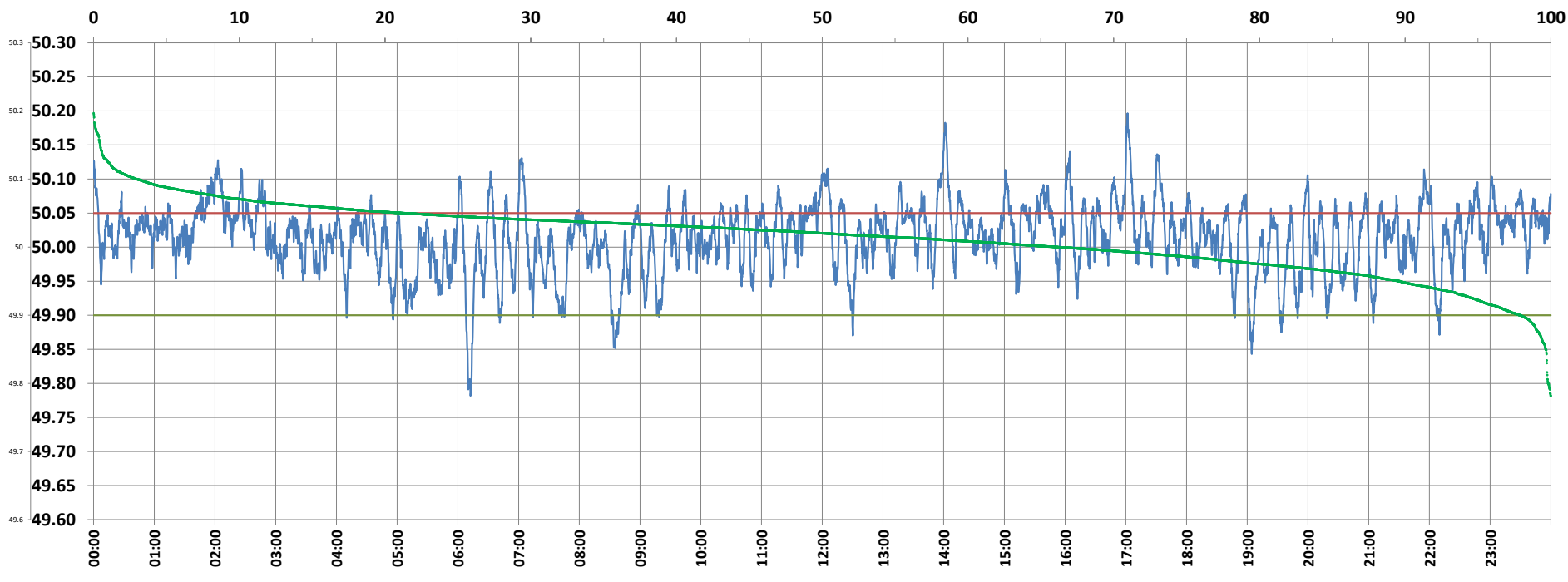


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-Jan-2022 (Saturday)



<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	2.11	17.33	0.19	1.92	31.70	63.26	2.93	76.68	100.00	41.41	18.29	66.19	41.26	21.22	0.00	10.38	68.40	8.28

Average Frequency : 50.014	Frequency Variation Index : 0.0271	Standard Deviation : 0.0502	Mileage: 47.0	FDI: 23.3
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Instantaneous Frequency		
Max	50.197	17:01:40
Min	49.782	6:12:20

15 minute Average Frequency		
Max	50.075	2:15:00
Min	49.910	8:45:00

No. of excursions	
above 50.03 Hz	229
below 49.97 Hz	109
above 50.00 Hz	189
below 50.00 Hz	188

Average time freq per excursion remains	
below 49.97	0:02:17
above 50.03	0:02:36

No. of hours freq outside 49.9-50.05 Hz	5:35:50
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Source : AGRA 10 Sec. (8640 samples)