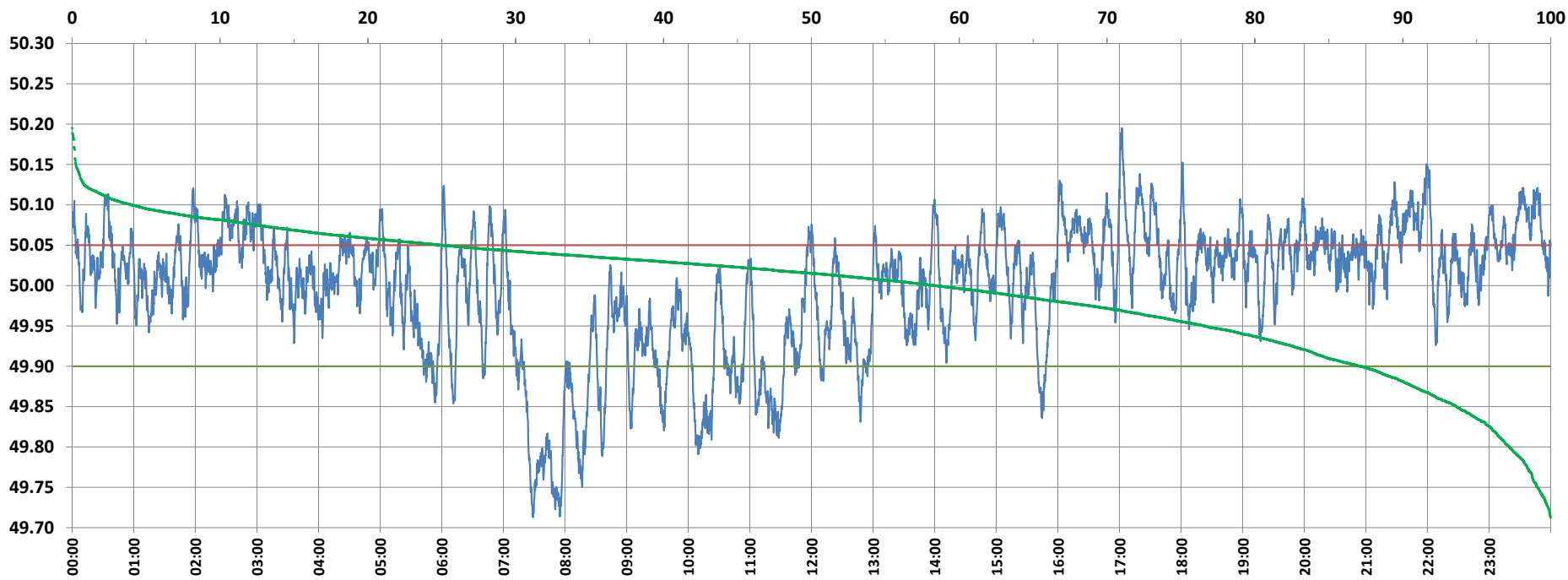


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-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	12.91	29.32	2.82	10.08	28.78	54.31	4.00	62.11	100.00	31.09	20.98	58.31	39.59	24.99	0.00	23.46	51.55	10.56

Average Frequency : 49.996	Frequency Variation Index : 0.0631	Standard Deviation : 0.0794	Mileage: 47.2	FDI: 37.9
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Instantaneous Frequency	
Max	50.195 17:02:20
Min	49.713 7:28:50

15 minute Average Frequency	
Max	50.093 23:45:00
Min	49.762 8:00:00

No. of excursions	
above 50.03 Hz	174
below 49.97 Hz	80
above 50.00 Hz	131
below 50.00 Hz	130

Average time freq per excursion remains	
below 49.97	0:05:17
above 50.03	0:03:17

No. of hours freq outside 49.9-50.05 Hz	9:05:40
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Source : AGRA 10 Sec. (8640 samples)