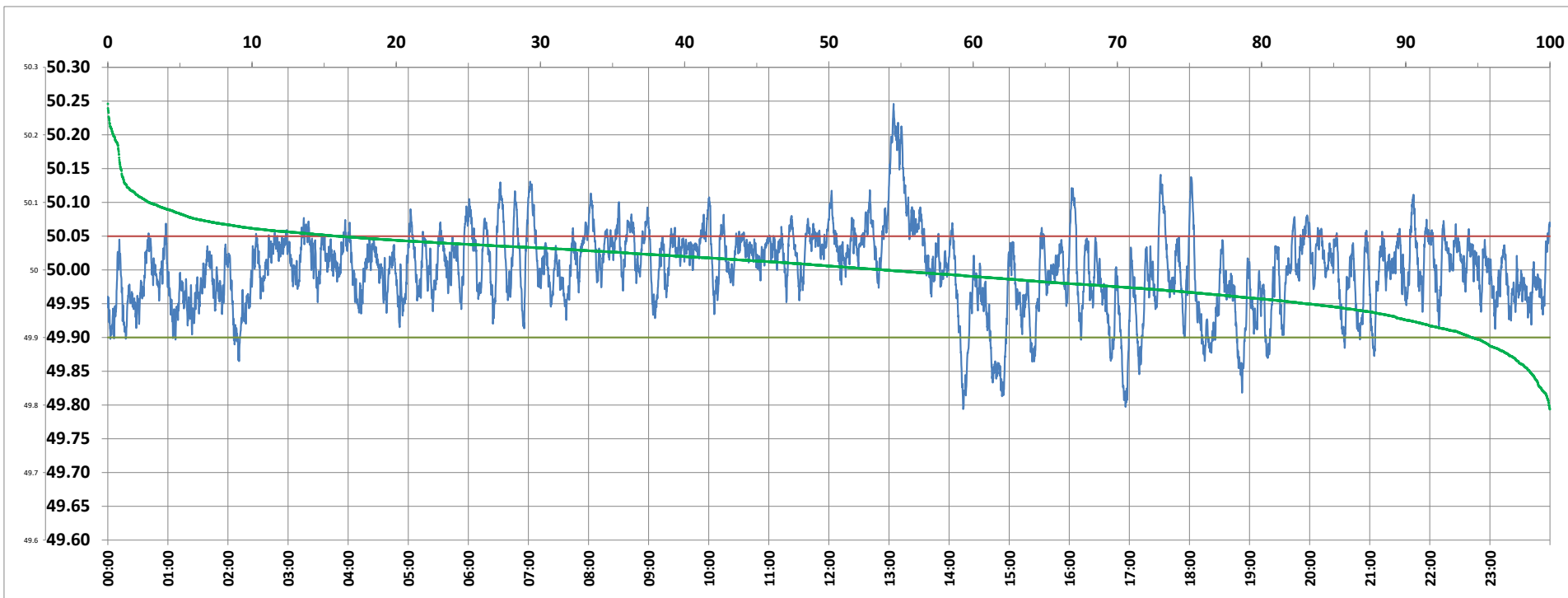


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Jan-2022 (Tuesday)



<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	5.39	26.70	0.08	5.31	40.75	51.00	2.47	78.61	99.61	41.03	13.14	53.85	32.27	16.00	0.39	16.89	67.12	11.49

Average Frequency : 50.001	Frequency Variation Index : 0.0337	Standard Deviation : 0.0581	Mileage: 49.2	FDI: 21.4
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Instantaneous Frequency		
Max	50.246	13:04:30
Min	49.794	14:14:00

15 minute Average Frequency		
Max	50.189	13:15:00
Min	49.873	15:00:00

No. of excursions	
above 50.03 Hz	209
below 49.97 Hz	156
above 50.00 Hz	178
below 50.00 Hz	178

Average time freq per excursion remains	
below 49.97	0:02:28
above 50.03	0:02:13

No. of hours freq outside 49.9-50.05 Hz	5:08:00
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Source : AGRA 10 Sec. (8640 samples)