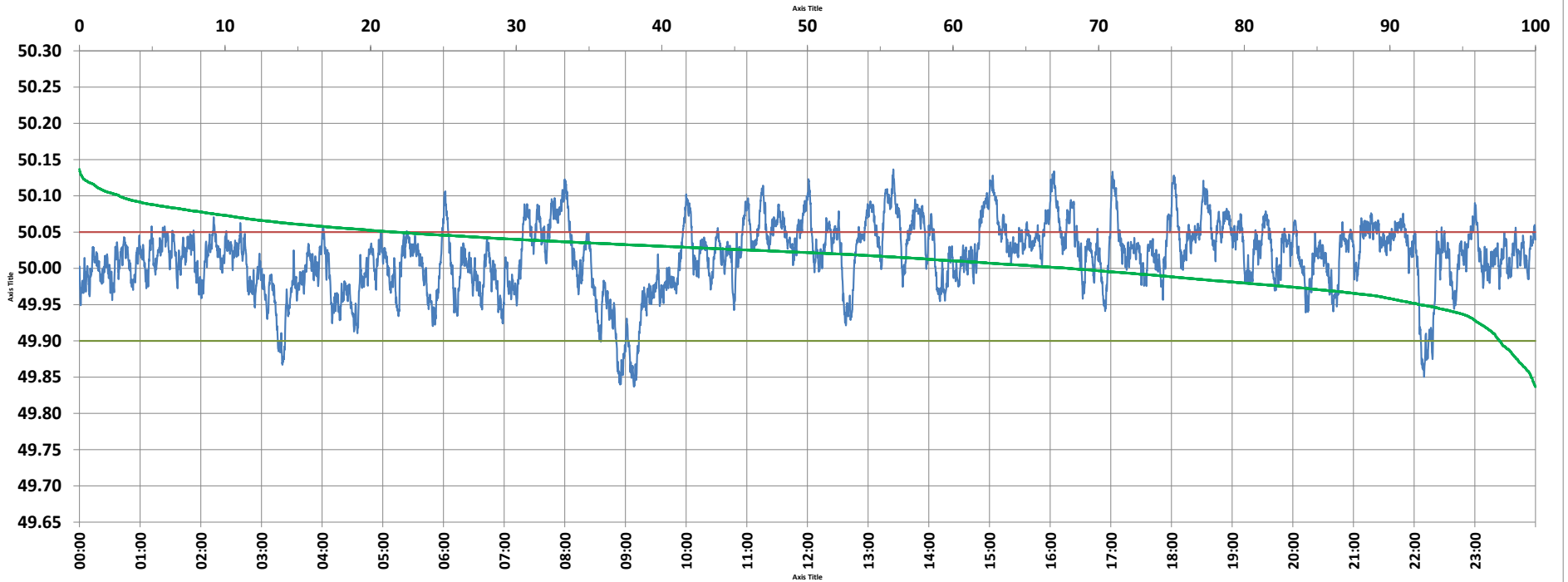


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-Jul-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	2.47	14.49	0.00	2.47	29.56	65.22	2.75	75.79	100.00	44.78	18.99	67.97	40.73	21.75	0.00	7.94	70.31	5.47

Average Frequency : 50.016	Frequency Variation Index : 0.0248	Standard Deviation : 0.0472	Mileage: 38.7	FDI: 24.2
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Instantaneous Frequency		
Max	50.137	13:24:50
Min	49.837	9:08:20

15 minute Average Frequency		
Max	50.097	13:30:00
Min	49.881	9:15:00

No. of excursions	
above 50.03 Hz	213
below 49.97 Hz	91
above 50.00 Hz	148
below 50.00 Hz	147

Average time freq per excursion remains	
below 49.97	0:02:18
above 50.03	0:02:45

No. of hours freq outside 49.9-50.05 Hz	5:48:40
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Source : AGRA 10 Sec. (8640 samples)