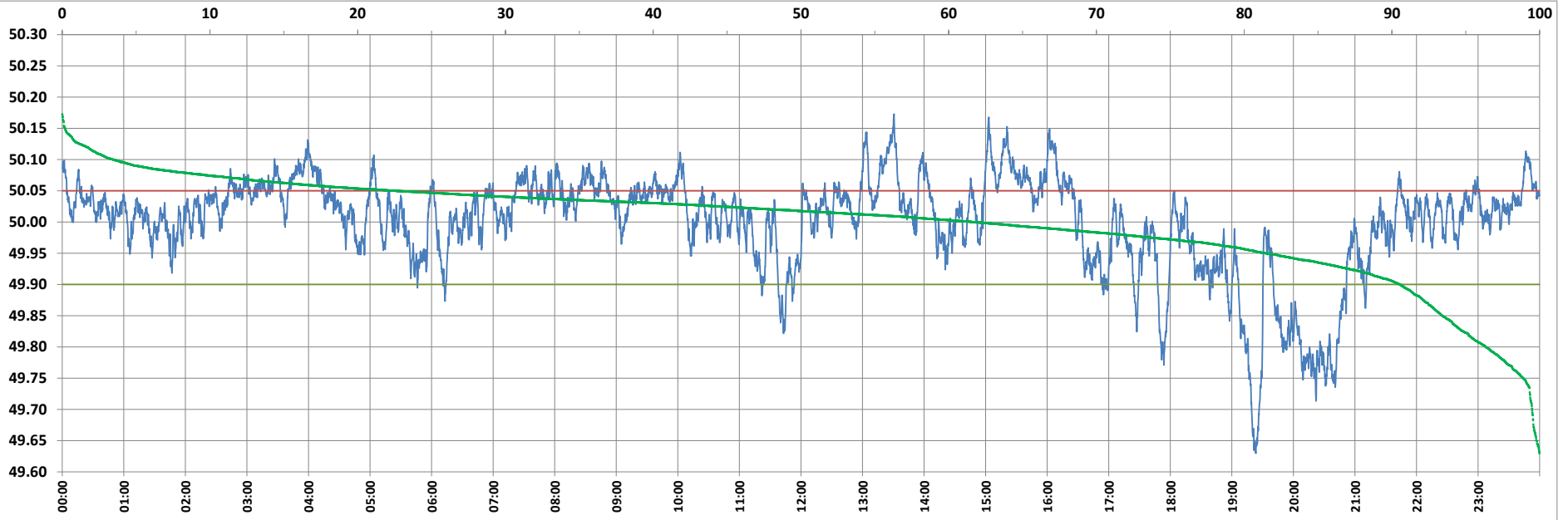


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Jul-2022 (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
0.51	9.44	24.16	3.14	5.80	28.91	58.21	3.44	67.99	99.49	35.45	19.13	61.64	40.39	22.57	0.00	18.51	58.92	9.06

Average Frequency : 49.999	Frequency Variation Index : 0.0603	Standard Deviation : 0.0778	Mileage: 41.9	FDI: 32.0
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Instantaneous Frequency	
Max	50.173 13:30:40
Min	49.630 19:23:20

15 minute Average Frequency	
Max	50.105 15:30:00
Min	49.707 19:30:00

No. of excursions	
above 50.03 Hz	167
below 49.97 Hz	82
above 50.00 Hz	131
below 50.00 Hz	130

Average time freq per excursion remains	
below 49.97	0:04:15
above 50.03	0:03:29

No. of hours freq outside 49.9-50.05 Hz	7:41:00
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Source : AGRA 10 Sec. (8640 samples)