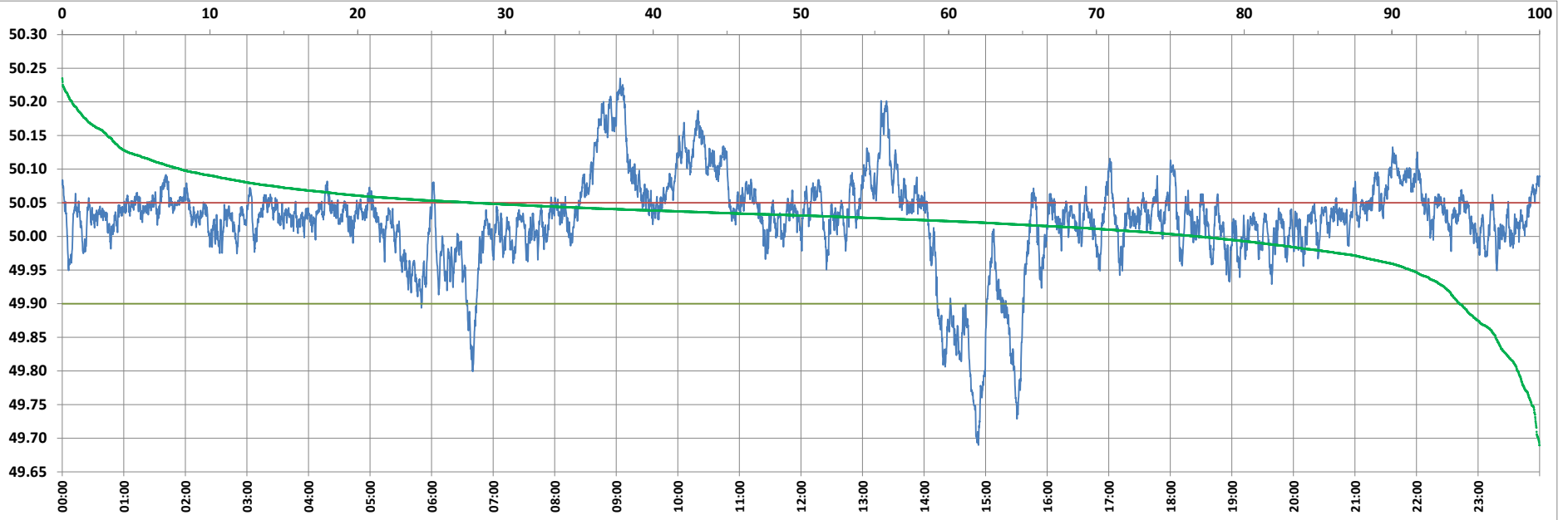


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Jul-2022 (Sunday)



<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
0.09	5.44	12.21	1.39	3.96	17.70	68.87	7.33	66.77	99.24	36.30	19.79	76.86	51.49	27.79	0.67	8.74	63.47	3.30

Average Frequency : 50.024	Frequency Variation Index : 0.0512	Standard Deviation : 0.0674	Mileage: 42.1	FDI: 33.2
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Instantaneous Frequency		
Max	50.235	9:03:40
Min	49.690	14:53:00

15 minute Average Frequency			
Max	50.177	9:00:00	
Min	49.754	15:00:00	

No. of excursions	
above 50.03 Hz	252
below 49.97 Hz	54
above 50.00 Hz	127
below 50.00 Hz	126

Average time freq per excursion remains	
below 49.97	0:03:15
above 50.03	0:02:57

No. of hours freq outside 49.9-50.05 Hz	7:58:30
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Source : AGRA 10 Sec. (8640 samples)