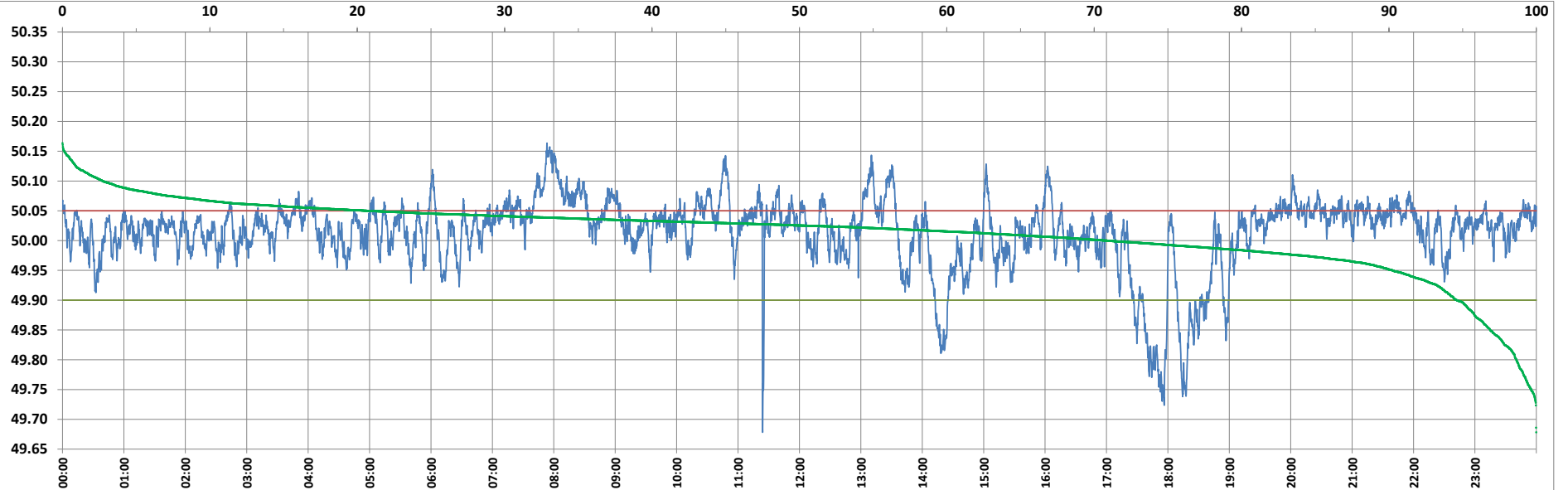


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Oct-2022 (Saturday)



<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
0.02	5.39	14.12	1.33	4.04	23.74	68.15	2.72	73.91	99.98	41.70	17.97	70.87	44.18	20.69	0.00	9.75	69.56	4.35

Average Frequency : 50.013	Frequency Variation Index : 0.0364	Standard Deviation : 0.0589	Mileage: 47.3	FDI: 26.1
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Instantaneous Frequency	
Max	50.164 7:53:20
Min	49.678 11:24:00

15 minute Average Frequency	
Max	50.118 8:00:00
Min	49.791 18:00:00

No. of excursions	
above 50.03 Hz	289
below 49.97 Hz	88
above 50.00 Hz	158
below 50.00 Hz	157

Average time freq per excursion remains	
below 49.97	0:02:19
above 50.03	0:02:12

No. of hours freq outside 49.9-50.05 Hz	6:15:40
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Source : AGRA 10 Sec. (8640 samples)