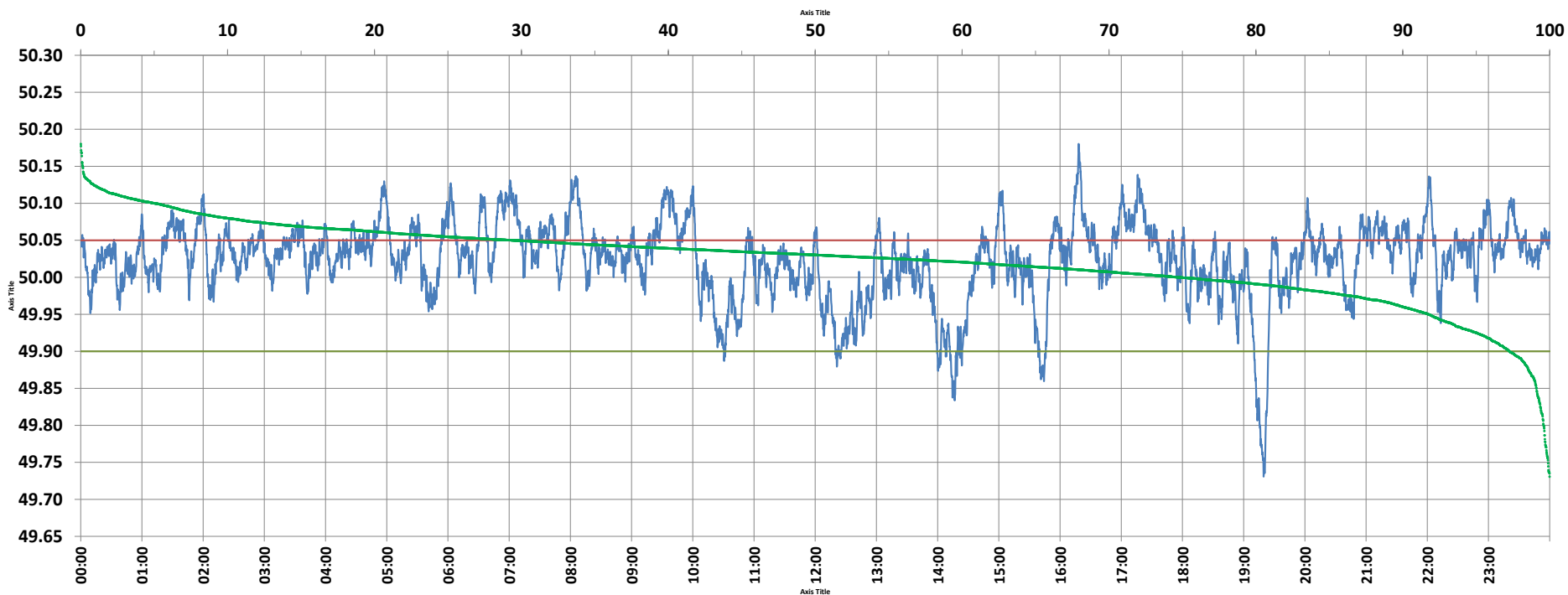


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Jul-2021 (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
0.00	2.74	12.21	0.42	2.33	22.49	69.76	5.01	67.81	100.00	37.56	24.43	74.77	50.23	29.44	0.00	8.26	62.29	5.52

Average Frequency : 50.024	Frequency Variation Index : 0.0329	Standard Deviation : 0.0523	Mileage: 42.7	FDI: 32.2
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Instantaneous Frequency		
Max	50.180	16:18:10
Min	49.731	19:19:30

15 minute Average Frequency		
Max	50.100	9:45:00
Min	49.872	19:30:00

No. of excursions	
above 50.03 Hz	224
below 49.97 Hz	72
above 50.00 Hz	140
below 50.00 Hz	139

Average time freq per excursion remains	
below 49.97	0:02:27
above 50.03	0:03:14

No. of hours freq outside 49.9-50.05 Hz	7:43:30
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Source : AGRA 10 Sec. (8640 samples)