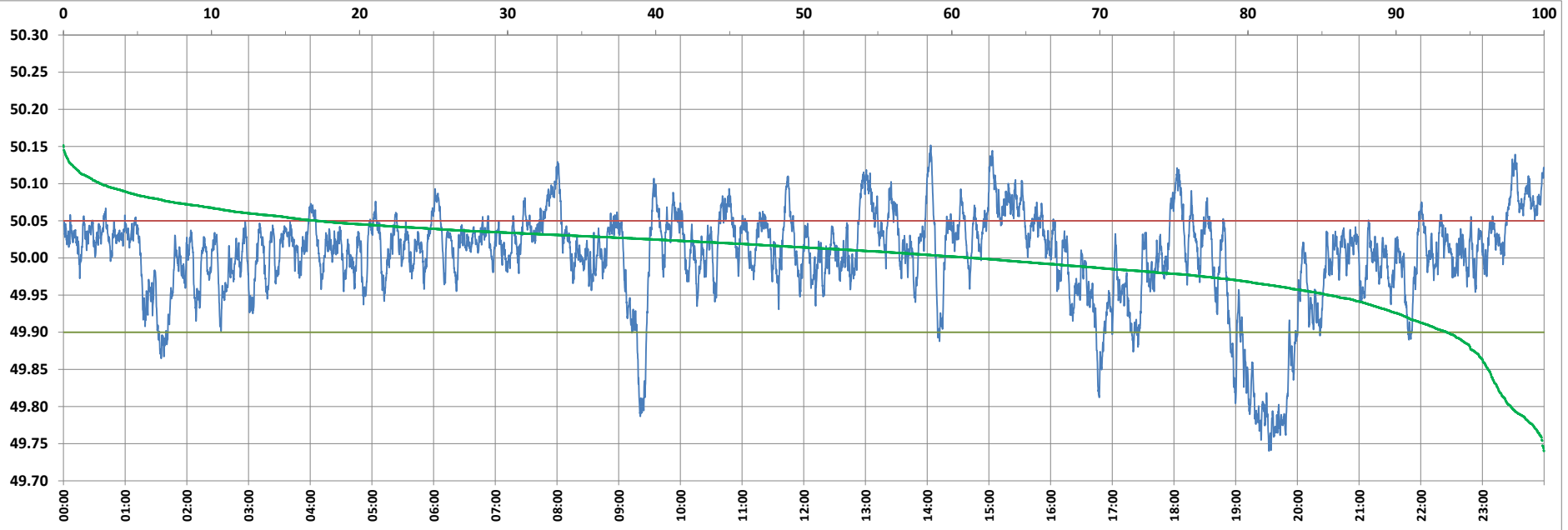


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Jul-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
0.00	6.56	20.74	2.25	4.32	32.11	58.81	2.52	76.33	100.00	44.81	14.58	61.33	34.44	17.11	0.00	14.54	68.36	7.97

Average Frequency : 50.002	Frequency Variation Index : 0.0401	Standard Deviation : 0.0633	Mileage: 42.2	FDI: 23.7
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Instantaneous Frequency		
Max	50.152	14:03:20
Min	49.740	19:32:30

15 minute Average Frequency		
Max	50.092	23:45:00
Min	49.774	19:45:00

No. of excursions	
above 50.03 Hz	202
below 49.97 Hz	85
above 50.00 Hz	162
below 50.00 Hz	161

Average time freq per excursion remains	
below 49.97	0:03:31
above 50.03	0:02:27

No. of hours freq outside 49.9-50.05 Hz	5:40:50
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Source : AGRA 10 Sec. (8640 samples)