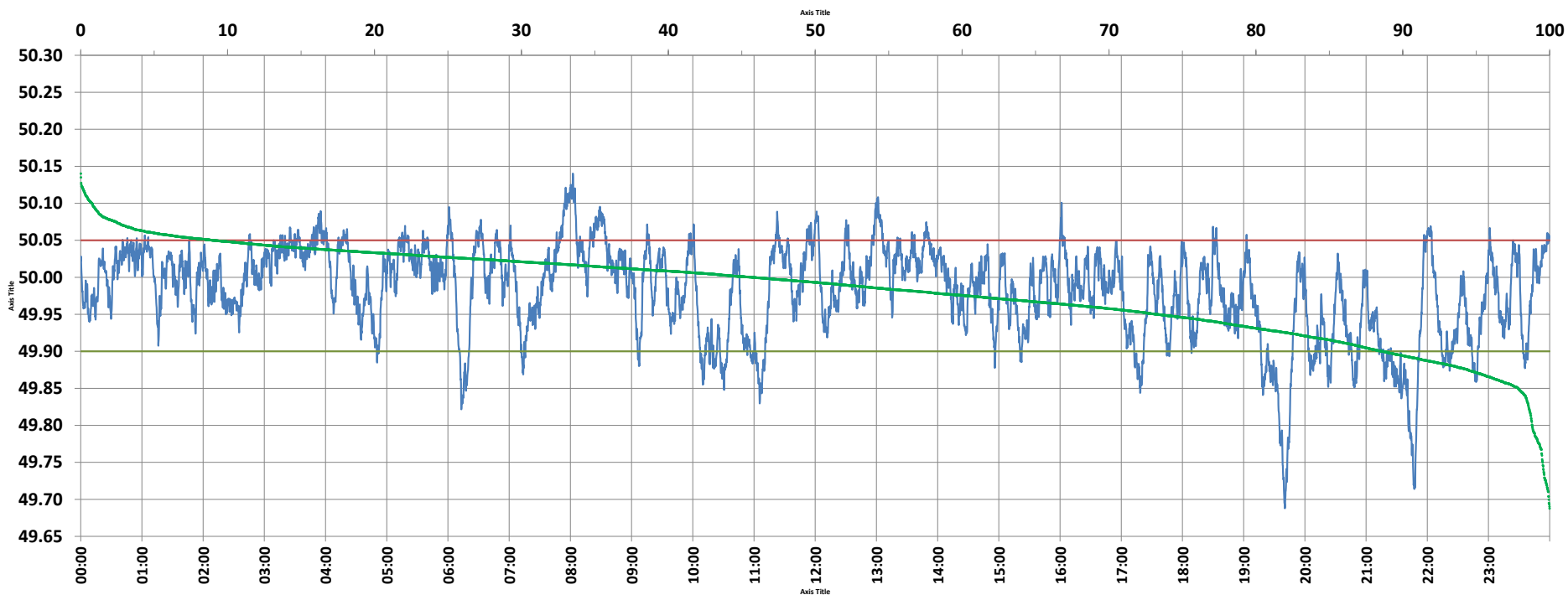


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Jul-2021 (Friday)



<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
0.07	11.41	36.84	1.12	10.22	42.80	45.01	0.78	79.56	99.93	40.43	8.25	45.79	22.73	9.03	0.00	26.70	64.27	15.29

Average Frequency : 49.982	Frequency Variation Index : 0.0414	Standard Deviation : 0.0617	Mileage: 44.1	FDI: 20.4
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Instantaneous Frequency		
Max	50.140	8:02:20
Min	49.688	19:40:20

15 minute Average Frequency		
Max	50.075	8:00:00
Min	49.784	19:45:00

No. of excursions	
above 50.03 Hz	163
below 49.97 Hz	129
above 50.00 Hz	162
below 50.00 Hz	161

Average time freq per excursion remains	
below 49.97	0:04:07
above 50.03	0:02:00

No. of hours freq outside 49.9-50.05 Hz	4:54:20
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Source : AGRA 10 Sec. (8640 samples)