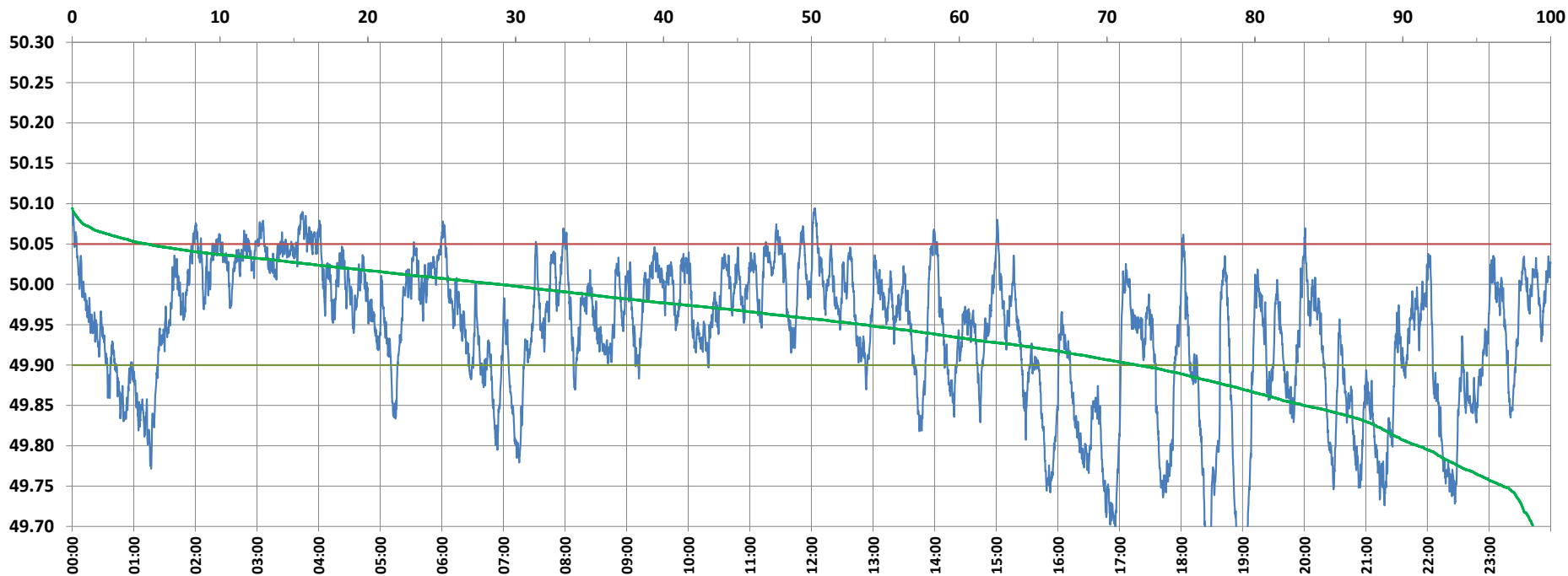


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Aug-2021 (Monday)



<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
1.20	27.96	56.17	7.79	18.97	43.10	28.94	0.00	66.96	98.80	29.99	5.08	28.94	13.84	5.08	0.00	46.41	48.51	18.45

Average Frequency : 49.939	Frequency Variation Index : 0.1147	Standard Deviation : 0.0883	Mileage: 42.8	FDI: 33.0
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Instantaneous Frequency		
Max	50.094	12:03:30
Min	49.596	18:58:50

15 minute Average Frequency		
Max	50.058	4:00:00
Min	49.734	17:00:00

No. of excursions	
above 50.03 Hz	94
below 49.97 Hz	107
above 50.00 Hz	118
below 50.00 Hz	117

Average time freq per excursion remains	
below 49.97	0:07:34
above 50.03	0:02:07

No. of hours freq outside 49.9-50.05 Hz	7:55:50
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Source : AGRA 10 Sec. (8640 samples)