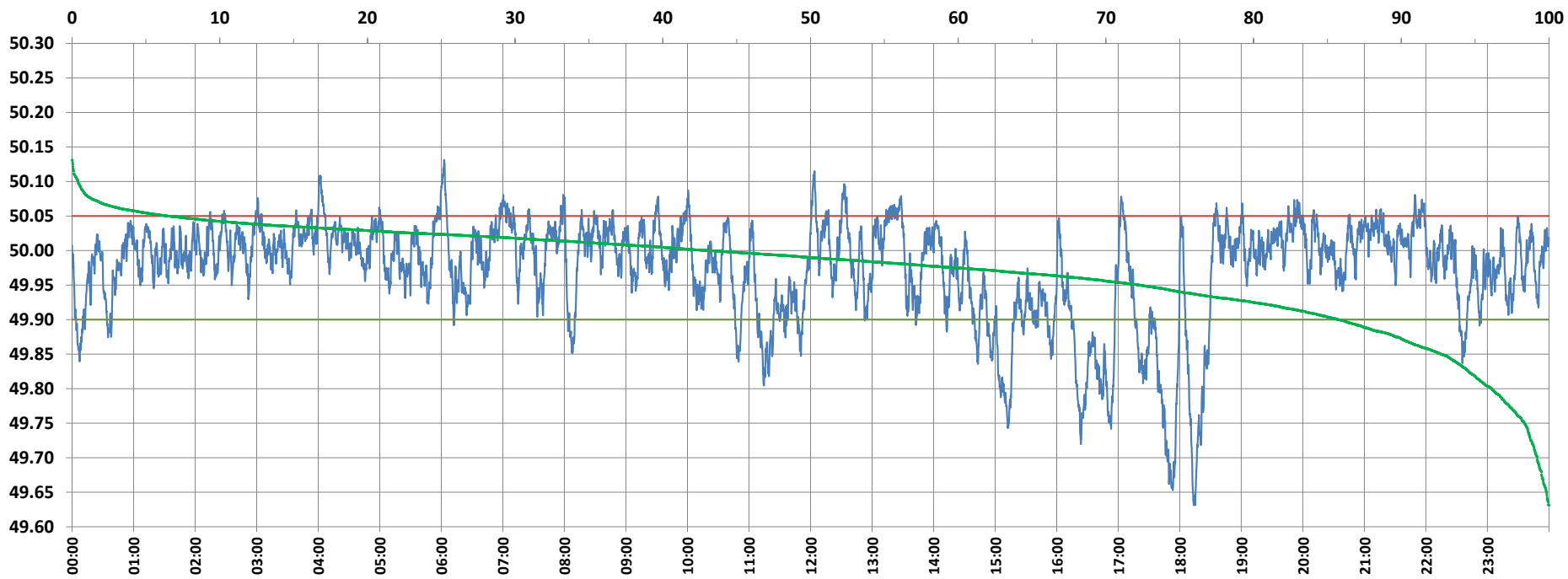


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Oct-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
0.80	14.28	37.07	3.09	10.39	42.65	42.66	0.41	79.26	99.20	43.68	6.05	43.07	19.25	6.46	0.00	27.74	65.80	13.46

Average Frequency : 49.972	Frequency Variation Index : 0.0628	Standard Deviation : 0.0742	Mileage: 47.0	FDI: 20.7
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Instantaneous Frequency	
Max	50.131 6:02:40
Min	49.631 18:15:00

15 minute Average Frequency	
Max	50.057 13:30:00
Min	49.729 18:00:00

No. of excursions	
above 50.03 Hz	180
below 49.97 Hz	139
above 50.00 Hz	174
below 50.00 Hz	173

Average time freq per excursion remains	
below 49.97	0:03:50
above 50.03	0:01:32

No. of hours freq outside 49.9-50.05 Hz	4:58:40
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Source : AGRA 10 Sec. (8640 samples)