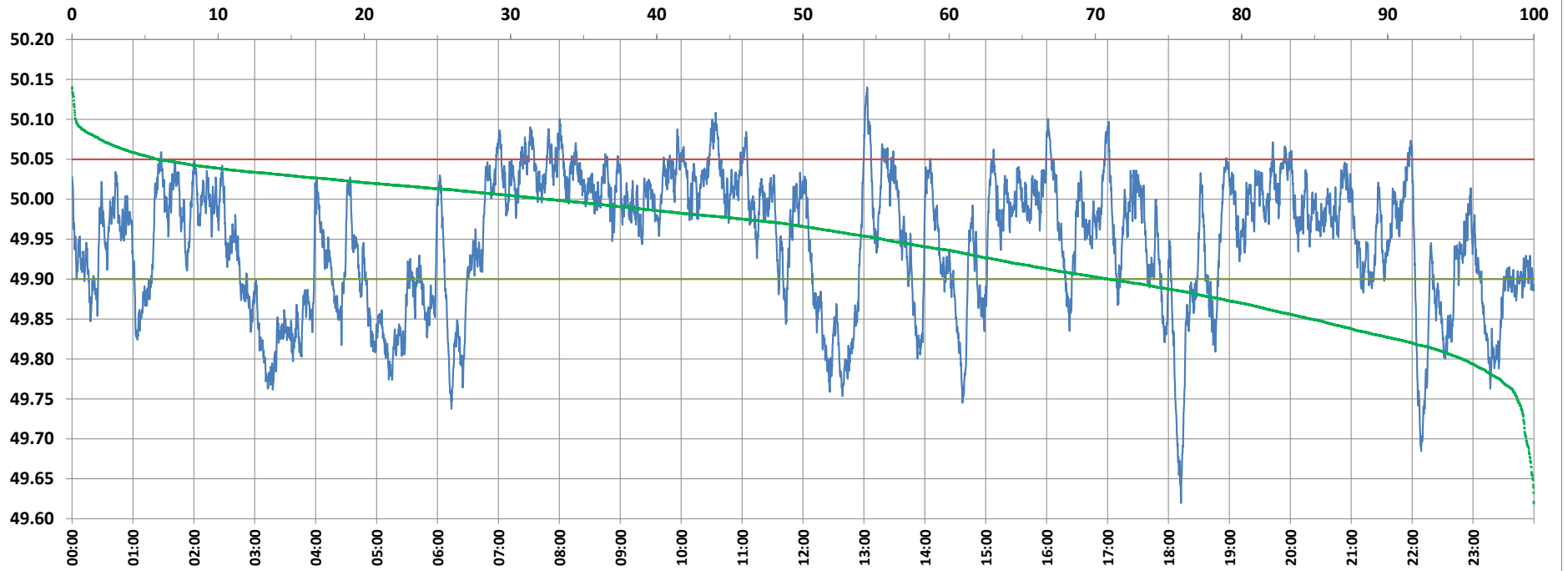


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Oct-2021 (Tuesday)



<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
0.53	29.13	51.46	4.39	24.21	38.41	32.20	0.25	65.02	99.47	33.84	5.59	32.45	14.70	5.84	0.00	44.58	49.57	15.45

Average Frequency : 49.947	Frequency Variation Index : 0.0965	Standard Deviation : 0.0826	Mileage: 46.7	FDI: 35.0
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Instantaneous Frequency		
Max	50.140	13:03:10
Min	49.619	18:12:20

15 minute Average Frequency		
Max	50.050	8:00:00
Min	49.766	18:15:00

No. of excursions	
above 50.03 Hz	117
below 49.97 Hz	103
above 50.00 Hz	141
below 50.00 Hz	140

Average time freq per excursion remains	
below 49.97	0:07:12
above 50.03	0:01:49

No. of hours freq outside 49.9-50.05 Hz	8:23:40
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Source : AGRA 10 Sec. (8640 samples)