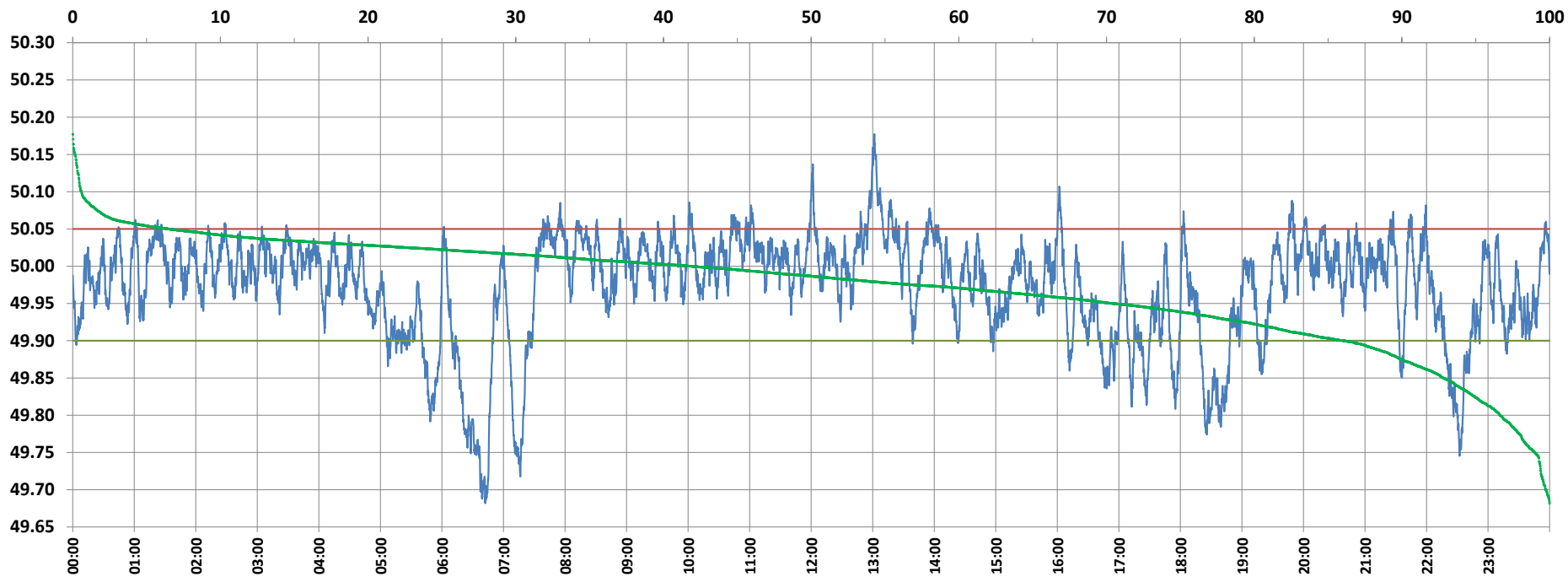


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Oct-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
0.28	13.90	39.62	3.07	10.56	44.21	41.30	0.59	79.61	99.72	42.21	5.90	41.89	18.17	6.49	0.00	29.55	63.96	15.65

Average Frequency : 49.972	Frequency Variation Index : 0.0583	Standard Deviation : 0.0709	Mileage: 47.7	FDI: 20.4
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Instantaneous Frequency	
Max	50.177 13:01:40
Min	49.682 6:42:10

15 minute Average Frequency	
Max	50.085 13:15:00
Min	49.729 6:45:00

No. of excursions	
above 50.03 Hz	176
below 49.97 Hz	142
above 50.00 Hz	183
below 50.00 Hz	183

Average time freq per excursion remains	
below 49.97	0:04:01
above 50.03	0:01:29

No. of hours freq outside 49.9-50.05 Hz	4:53:40
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Source : AGRA 10 Sec. (8640 samples)