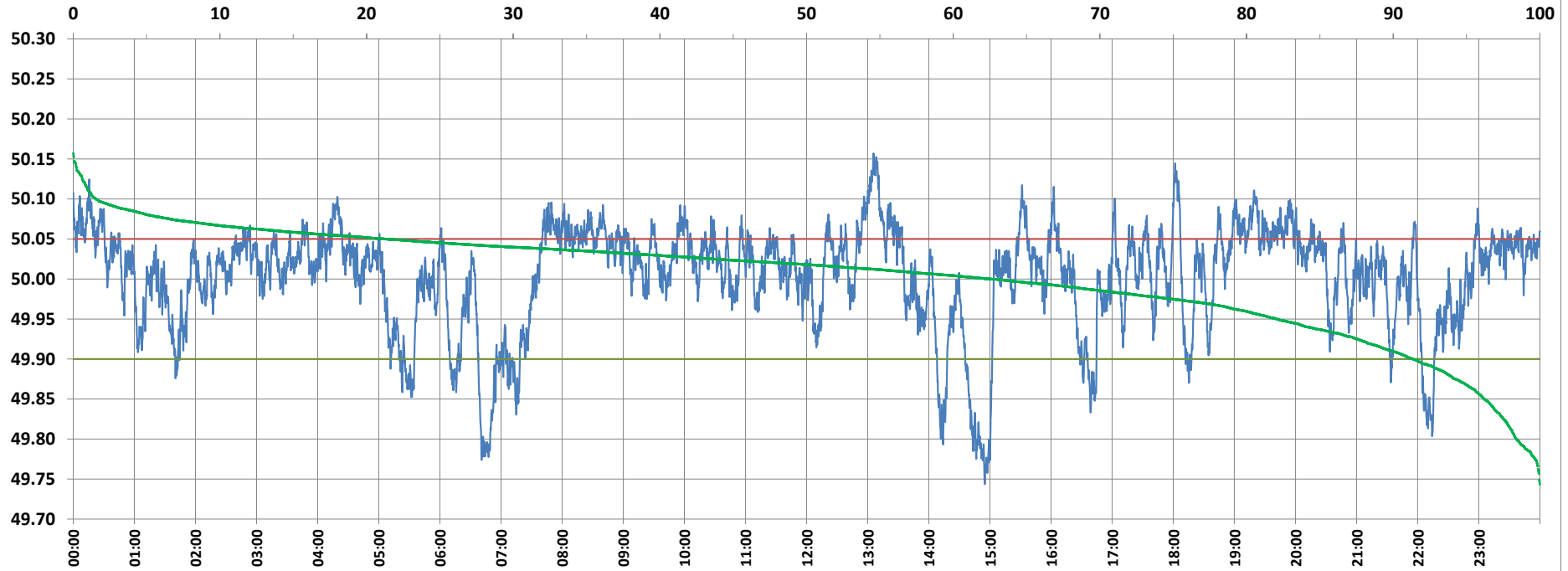


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-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
0.00	8.66	22.96	1.60	7.06	28.81	61.00	1.54	70.06	100.00	37.56	19.75	62.53	39.48	21.28	0.00	17.94	60.78	9.28

Average Frequency : 50.002	Frequency Variation Index : 0.0427	Standard Deviation : 0.0653	Mileage: 47.3	FDI: 29.9
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Instantaneous Frequency	
Max	50.157 13:05:40
Min	49.744 14:54:50

15 minute Average Frequency	
Max	50.116 13:15:00
Min	49.785 15:00:00

No. of excursions	
above 50.03 Hz	185
below 49.97 Hz	80
above 50.00 Hz	159
below 50.00 Hz	158

Average time freq per excursion remains	
below 49.97	0:04:08
above 50.03	0:03:04

No. of hours freq outside 49.9-50.05 Hz	7:11:10
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Source : AGRA 10 Sec. (8640 samples)