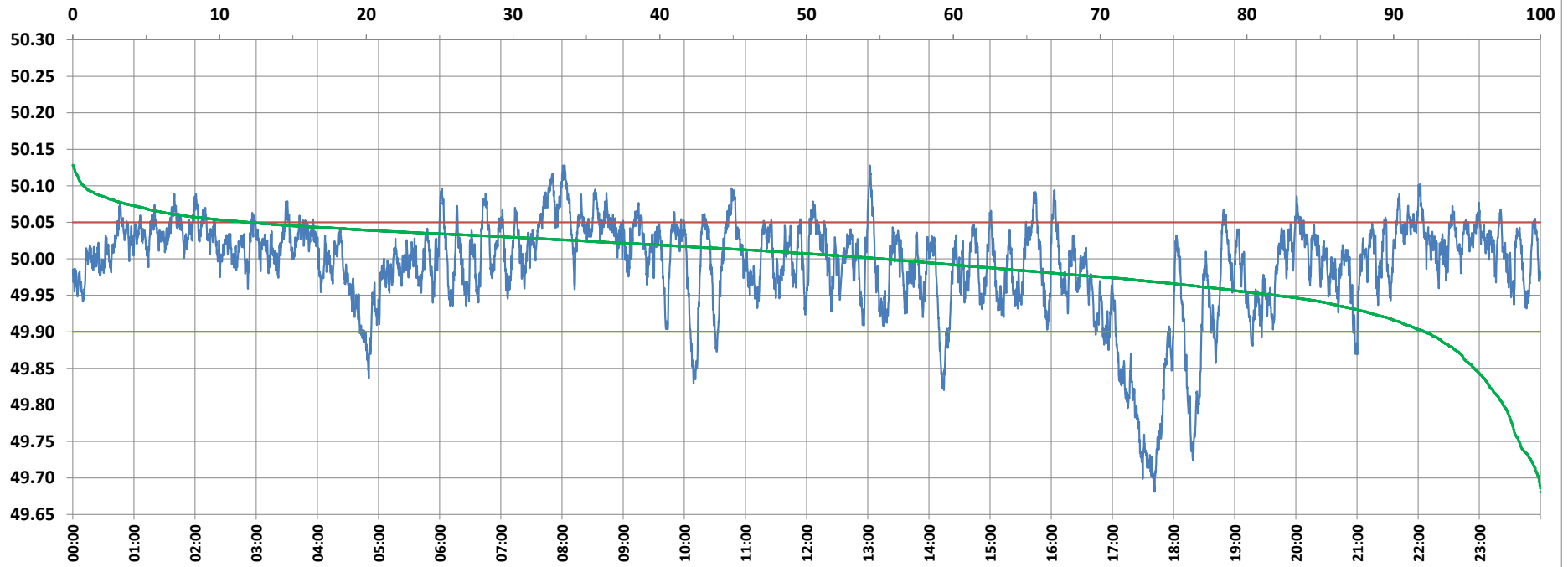


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Sep-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
0.12	7.93	27.00	2.42	5.39	36.94	54.38	0.75	80.02	99.88	43.46	11.30	55.13	29.54	12.05	0.00	18.02	69.93	10.09

Average Frequency : 49.992	Frequency Variation Index : 0.0443	Standard Deviation : 0.0661	Mileage: 46.3	FDI: 20.0
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Instantaneous Frequency		
Max	50.128	8:02:30
Min	49.681	17:41:20

15 minute Average Frequency		
Max	50.084	8:00:00
Min	49.722	17:45:00

No. of excursions	
above 50.03 Hz	197
below 49.97 Hz	130
above 50.00 Hz	176
below 50.00 Hz	176

Average time freq per excursion remains	
below 49.97	0:02:59
above 50.03	0:02:10

No. of hours freq outside 49.9-50.05 Hz	4:47:40
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Source : AGRA 10 Sec. (8640 samples)