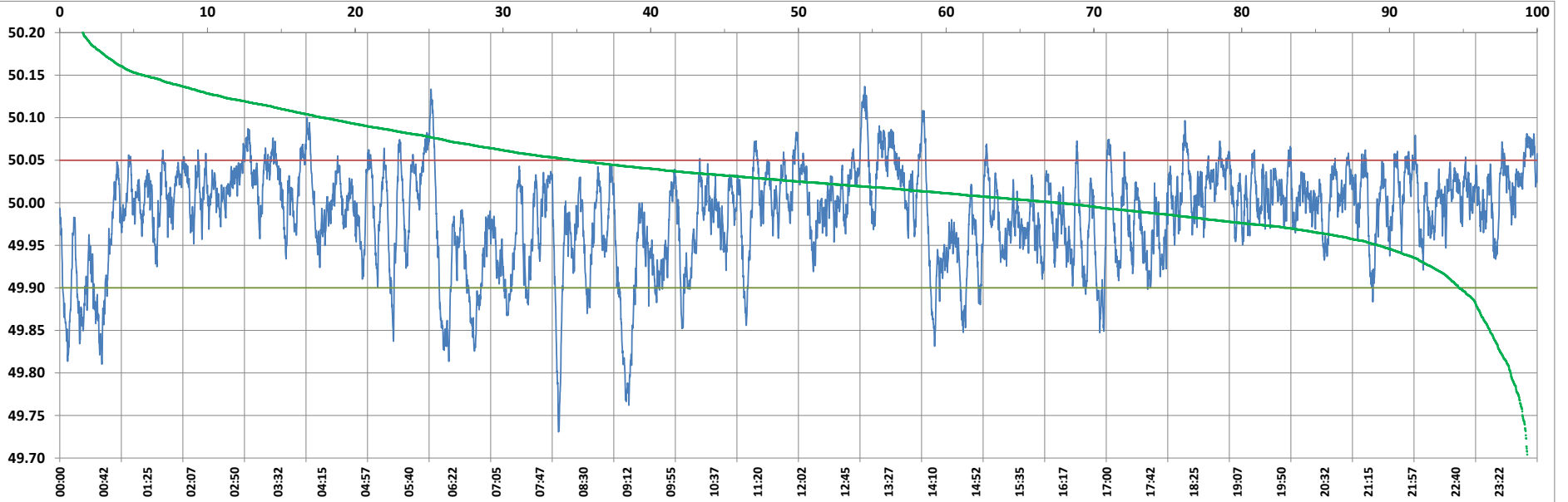


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Oct-2022 (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
0.00	8.60	32.97	0.60	8.00	45.05	45.63	0.73	82.16	100.00	44.61	8.51	46.35	22.42	9.24	0.00	23.18	67.58	14.58

Average Frequency : 49.986	Frequency Variation Index : 0.0348	Standard Deviation : 0.0573	Mileage: 50.9	FDI: 17.8
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Instantaneous Frequency	
Max	50.137 13:04:30
Min	49.731 8:06:00

15 minute Average Frequency	
Max	50.061 13:30:00
Min	49.860 9:15:00

No. of excursions	
above 50.03 Hz	208
below 49.97 Hz	155
above 50.00 Hz	210
below 50.00 Hz	210

Average time freq per excursion remains	
below 49.97	0:03:04
above 50.03	0:01:33

No. of hours freq outside 49.9-50.05 Hz	4:16:50
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Source : AGRA 10 Sec. (8640 samples)