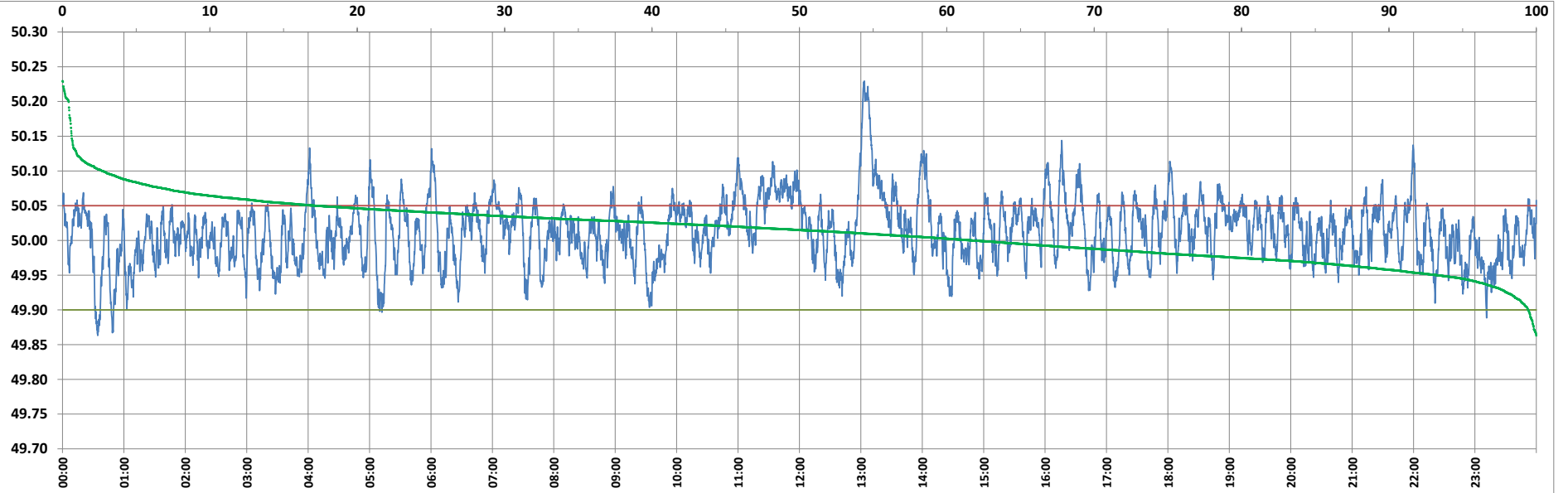


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-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	0.54	16.33	0.00	0.54	37.69	59.05	2.30	82.27	99.58	48.59	14.47	61.77	35.08	17.19	0.42	6.75	76.06	6.20

Average Frequency : 50.013	Frequency Variation Index : 0.0215	Standard Deviation : 0.0446	Mileage: 48.4	FDI: 17.7
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Instantaneous Frequency		
Max	50.229	13:03:20
Min	49.863	0:34:20

15 minute Average Frequency		
Max	50.163	13:15:00
Min	49.947	9:45:00

No. of excursions	
above 50.03 Hz	254
below 49.97 Hz	164
above 50.00 Hz	199
below 50.00 Hz	198

Average time freq per excursion remains	
below 49.97	0:01:26
above 50.03	0:01:59

No. of hours freq outside 49.9-50.05 Hz	4:15:20
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Source : AGRA 10 Sec. (8640 samples)