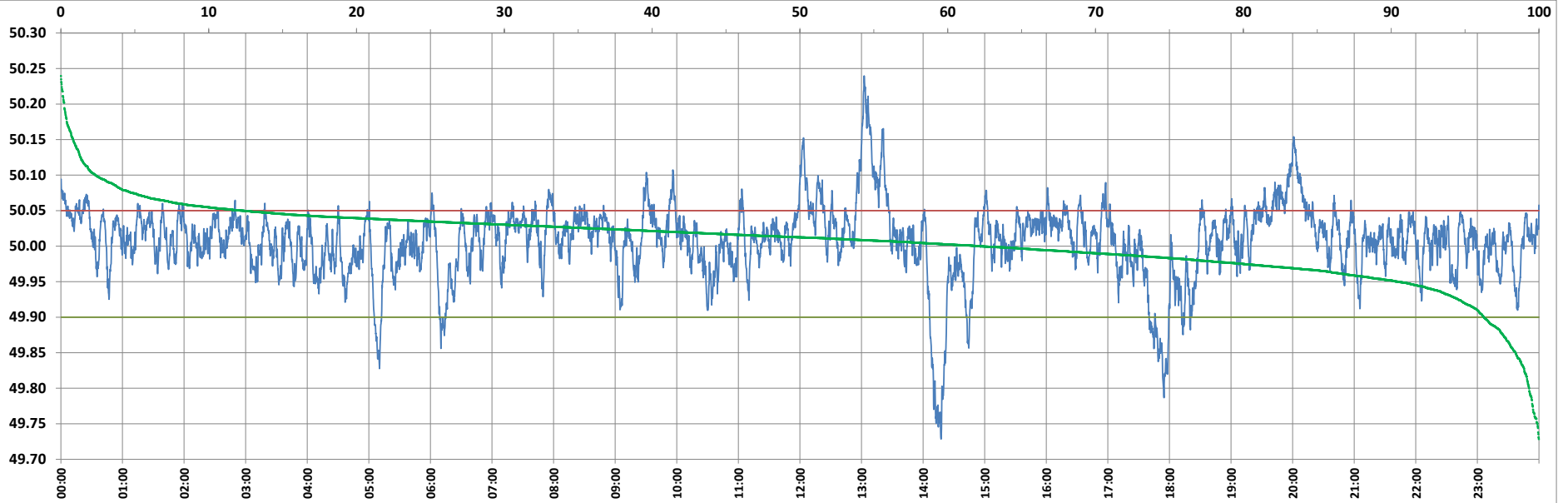


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Sep-2022 (Thursday)



<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	3.73	17.19	0.67	3.06	34.11	59.84	2.09	83.96	99.77	52.52	10.01	62.16	30.29	12.31	0.23	9.50	78.18	5.78

Average Frequency : 50.006	Frequency Variation Index : 0.0274	Standard Deviation : 0.0519	Mileage: 44.3	FDI: 16.0
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Instantaneous Frequency		
Max	50.240	13:02:30
Min	49.729	14:17:30

15 minute Average Frequency		
Max	50.158	13:15:00
Min	49.852	18:00:00

No. of excursions	
above 50.03 Hz	218
below 49.97 Hz	120
above 50.00 Hz	214
below 50.00 Hz	213

Average time freq per excursion remains	
below 49.97	0:02:04
above 50.03	0:02:00

No. of hours freq outside 49.9-50.05 Hz	3:51:00
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Source : AGRA 10 Sec. (8640 samples)