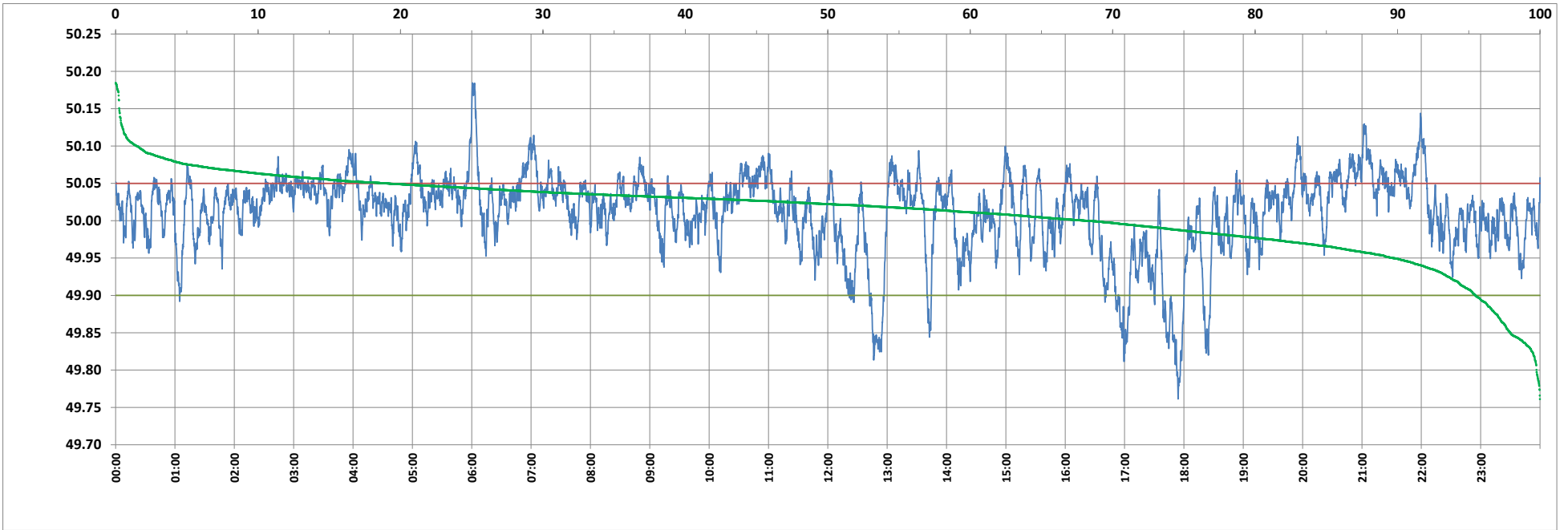


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-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	4.55	16.76	0.24	4.31	27.23	66.74	1.48	76.41	100.00	42.37	17.57	68.21	40.87	19.04	0.00	10.30	70.66	5.75

Average Frequency : 50.011	Frequency Variation Index : 0.0287	Standard Deviation : 0.0524	Mileage: 42.7	FDI: 23.6
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Instantaneous Frequency		
Max	50.185	6:00:40
Min	49.761	17:54:00

15 minute Average Frequency		
Max	50.078	21:15:00
Min	49.835	18:00:00

No. of excursions	
above 50.03 Hz	256
below 49.97 Hz	103
above 50.00 Hz	150
below 50.00 Hz	149

Average time freq per excursion remains	
below 49.97	0:02:21
above 50.03	0:02:18

No. of hours freq outside 49.9-50.05 Hz	5:39:40
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Source : ABCRL 10 Sec. (8640 samples)