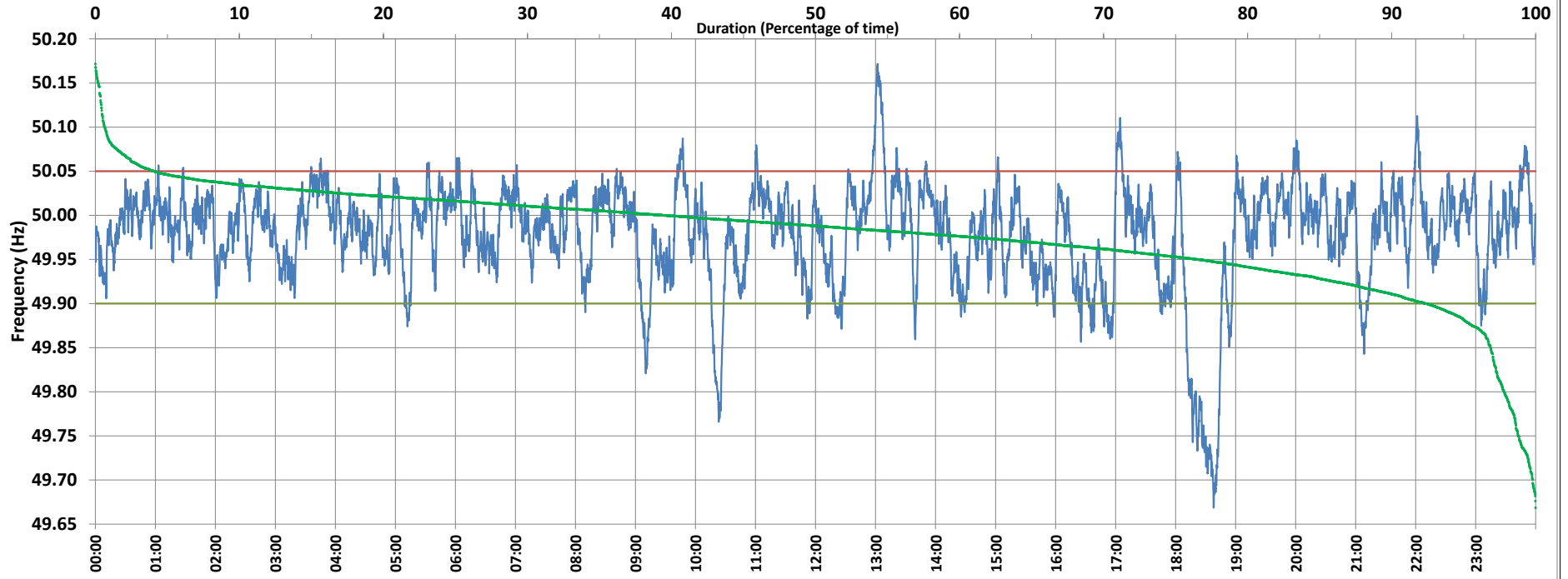


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Sep-2020 (Monday)



<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
0.21	7.60	35.36	1.98	5.42	52.85	38.91	0.64	88.32	99.79	51.37	3.45	39.47	13.28	4.07	0.00	10.00	72.50	2.40

Average Frequency : 49.978	Frequency Variation Index : 0.0394	Standard Deviation : 0.0589	Mileage: 48.3	FDI: 11.7
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Instantaneous Frequency		
Max	50.172	13:02:00
Min	49.669	18:38:00

15 minute Average Frequency		
Max	50.076	13:15:00
Min	49.727	18:45:00

No. of excursions	
above 50.03 Hz	157
below 49.97 Hz	166
above 50.00 Hz	211
below 50.00 Hz	211

Average time freq per excursion remains	
below 49.97	0:03:04
above 50.03	0:01:13

No. of hours freq outside 49.9-50.05 Hz	2:48:10
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Source : MPPTCL BINA:Frequency 10 Sec. (8640 samples)