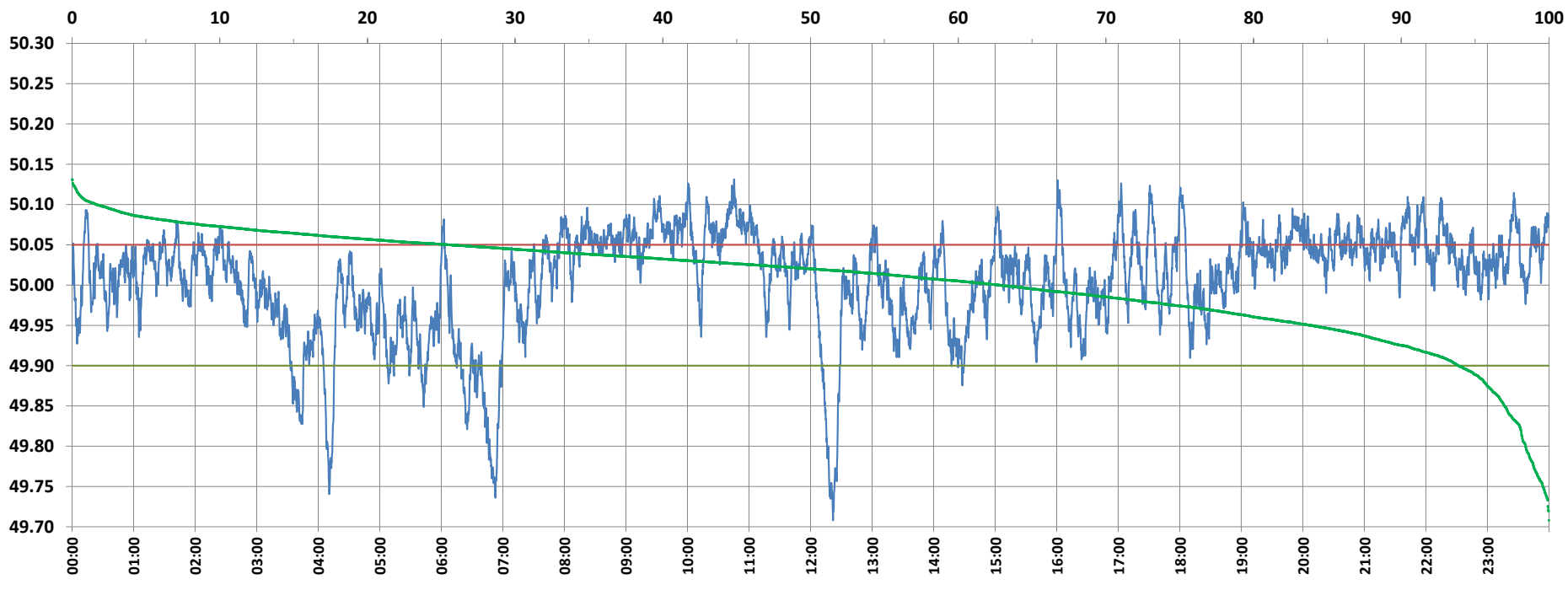


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Oct-2021 (Wednesday)



<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	6.13	23.21	1.60	4.54	31.12	61.09	1.66	68.34	100.00	34.85	23.87	62.74	41.94	25.52	0.00	16.15	58.33	10.01

Average Frequency : 50.006	Frequency Variation Index : 0.0412	Standard Deviation : 0.0639	Mileage: 46.0	FDI: 31.7
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Instantaneous Frequency	
Max	50.131 10:45:20
Min	49.708 12:21:50

15 minute Average Frequency	
Max	50.082 11:00:00
Min	49.793 12:30:00

No. of excursions	
above 50.03 Hz	192
below 49.97 Hz	83
above 50.00 Hz	125
below 50.00 Hz	124

Average time freq per excursion remains	
below 49.97	0:04:02
above 50.03	0:03:09

No. of hours freq outside 49.9-50.05 Hz	7:35:50
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Source : BARH 10 Sec. (8640 samples)