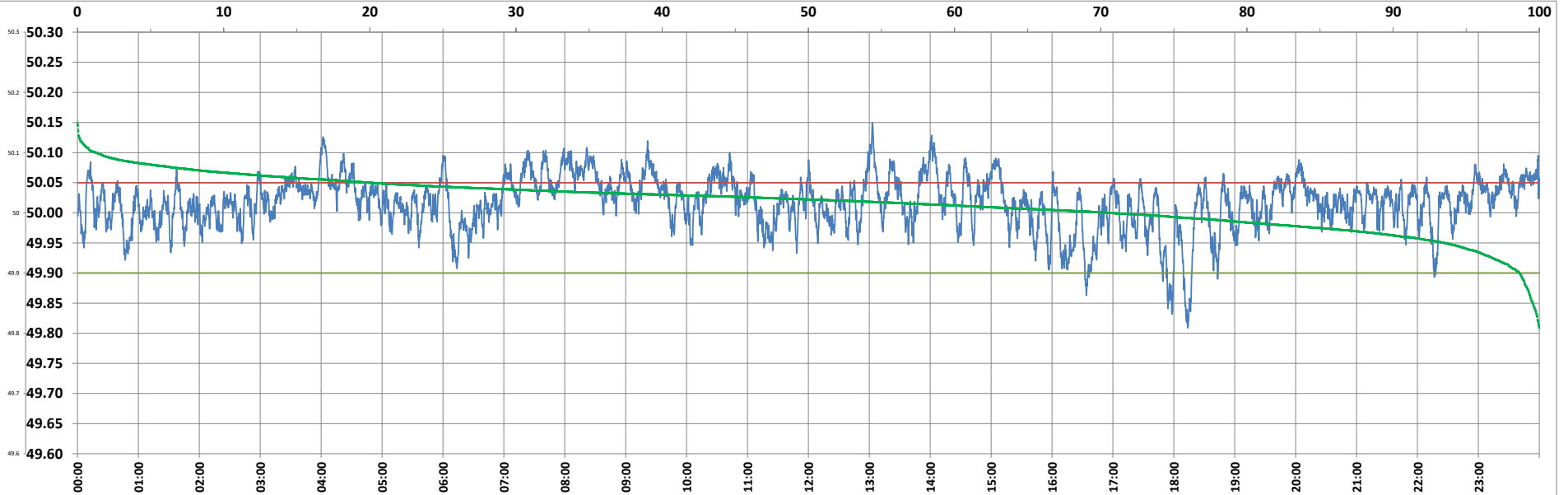


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Oct-2022 (Tuesday)



<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	1.34	12.69	0.00	1.34	28.00	69.41	1.25	78.65	100.00	46.96	18.76	70.66	40.36	20.01	0.00	6.47	73.52	5.13

Average Frequency : 50.017	Frequency Variation Index : 0.0214	Standard Deviation : 0.0431	Mileage: 45.8	FDI: 21.4
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Instantaneous Frequency		
Max	50.149	13:02:50
Min	49.809	18:13:40

15 minute Average Frequency		
Max	50.080	8:30:00
Min	49.901	18:00:00

No. of excursions	
above 50.03 Hz	272
below 49.97 Hz	105
above 50.00 Hz	194
below 50.00 Hz	194

Average time freq per excursion remains	
below 49.97	0:01:44
above 50.03	0:02:08

No. of hours freq outside 49.9-50.05 Hz	5:07:30
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Source : BHADRAWATHI 10 Sec. (8640 samples)