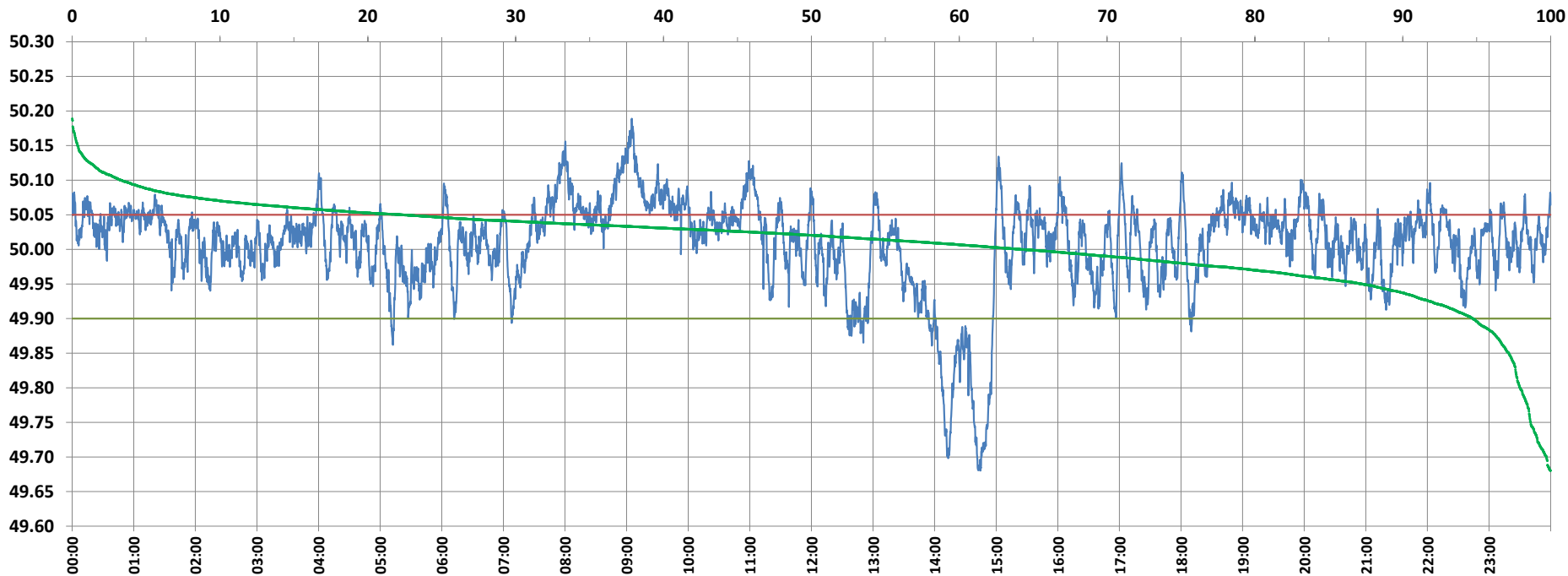


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Oct-2021 (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
0.28	5.28	20.03	1.79	3.21	30.54	60.86	3.32	72.40	99.72	39.27	19.00	64.18	40.69	22.33	0.00	12.78	64.90	7.50

Average Frequency : 50.008	Frequency Variation Index : 0.0436	Standard Deviation : 0.0656	Mileage: 46.2	FDI: 27.6
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Instantaneous Frequency		
Max	50.189	9:05:00
Min	49.680	14:44:30

15 minute Average Frequency		
Max	50.133	9:15:00
Min	49.776	14:45:00

No. of excursions	
above 50.03 Hz	222
below 49.97 Hz	106
above 50.00 Hz	161
below 50.00 Hz	160

Average time freq per excursion remains	
below 49.97	0:02:43
above 50.03	0:02:38

No. of hours freq outside 49.9-50.05 Hz	6:37:30
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Source : BARH 10 Sec. (8640 samples)