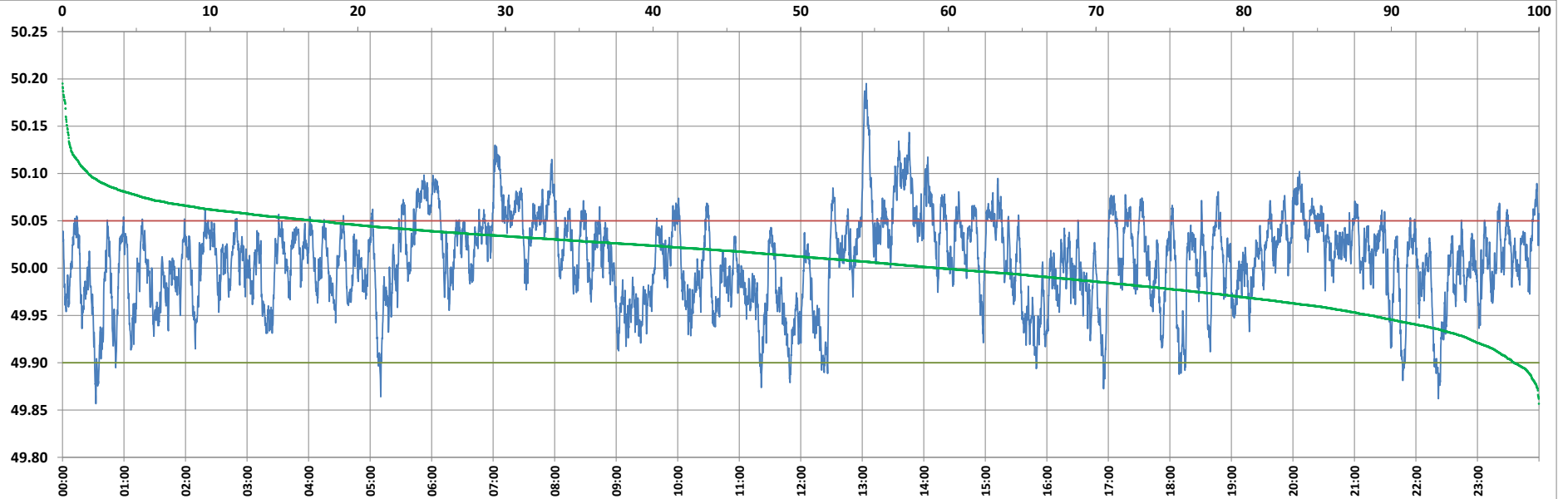


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Oct-2022 (Sunday)



<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	1.69	20.46	0.00	1.69	38.89	57.67	1.75	81.16	100.00	45.74	15.41	59.42	33.80	17.15	0.00	11.42	71.42	9.73

Average Frequency : 50.008	Frequency Variation Index : 0.0222	Standard Deviation : 0.0464	Mileage: 48.6	FDI: 18.8
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Instantaneous Frequency		
Max	50.195	13:03:50
Min	49.857	0:32:30

15 minute Average Frequency		
Max	50.101	13:15:00
Min	49.919	22:30:00

No. of excursions	
above 50.03 Hz	232
below 49.97 Hz	146
above 50.00 Hz	213
below 50.00 Hz	212

Average time freq per excursion remains	
below 49.97	0:02:01
above 50.03	0:02:06

No. of hours freq outside 49.9-50.05 Hz	4:31:20
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Source : BALIPARA 10 Sec. (8640 samples)