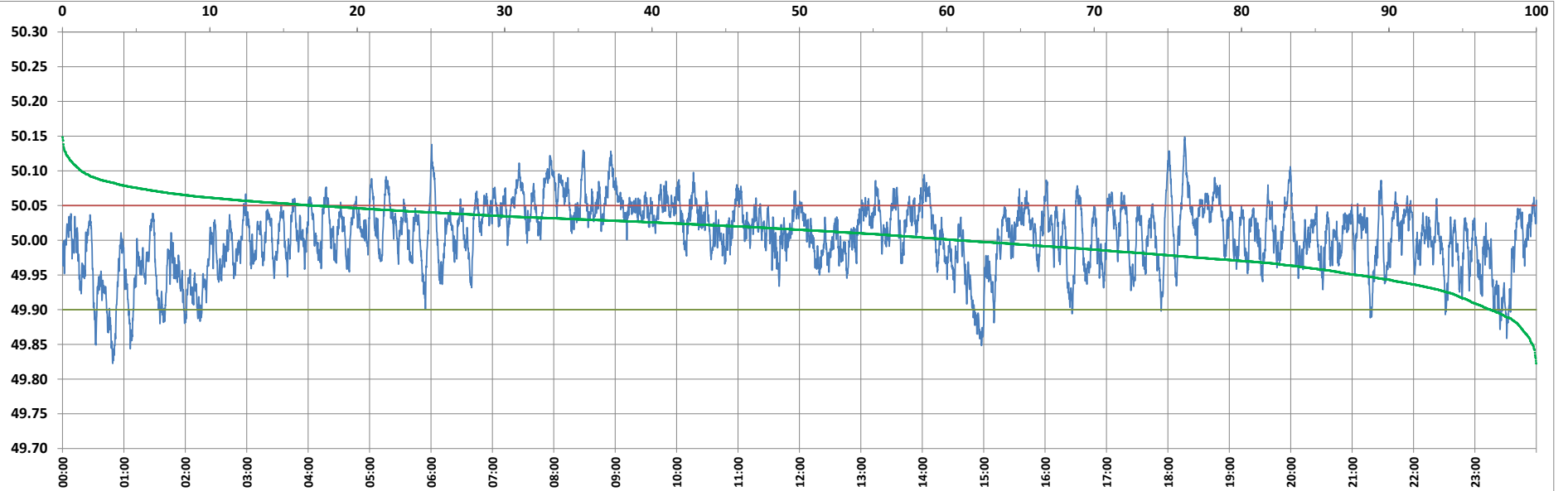


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-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	3.10	19.83	0.00	3.10	36.05	59.57	1.27	79.94	100.00	44.88	15.68	60.84	35.29	16.96	0.00	12.19	70.86	9.09

Average Frequency : 50.007	Frequency Variation Index : 0.0236	Standard Deviation : 0.0480	Mileage: 50.1	FDI: 20.1
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Instantaneous Frequency		
Max	50.149	18:16:20
Min	49.823	0:49:00

15 minute Average Frequency		
Max	50.074	8:15:00
Min	49.894	15:00:00

No. of excursions	
above 50.03 Hz	243
below 49.97 Hz	146
above 50.00 Hz	189
below 50.00 Hz	189

Average time freq per excursion remains	
below 49.97	0:01:57
above 50.03	0:02:05

No. of hours freq outside 49.9-50.05 Hz	4:48:50
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Source : BONGAIGON 10 Sec. (8640 samples)