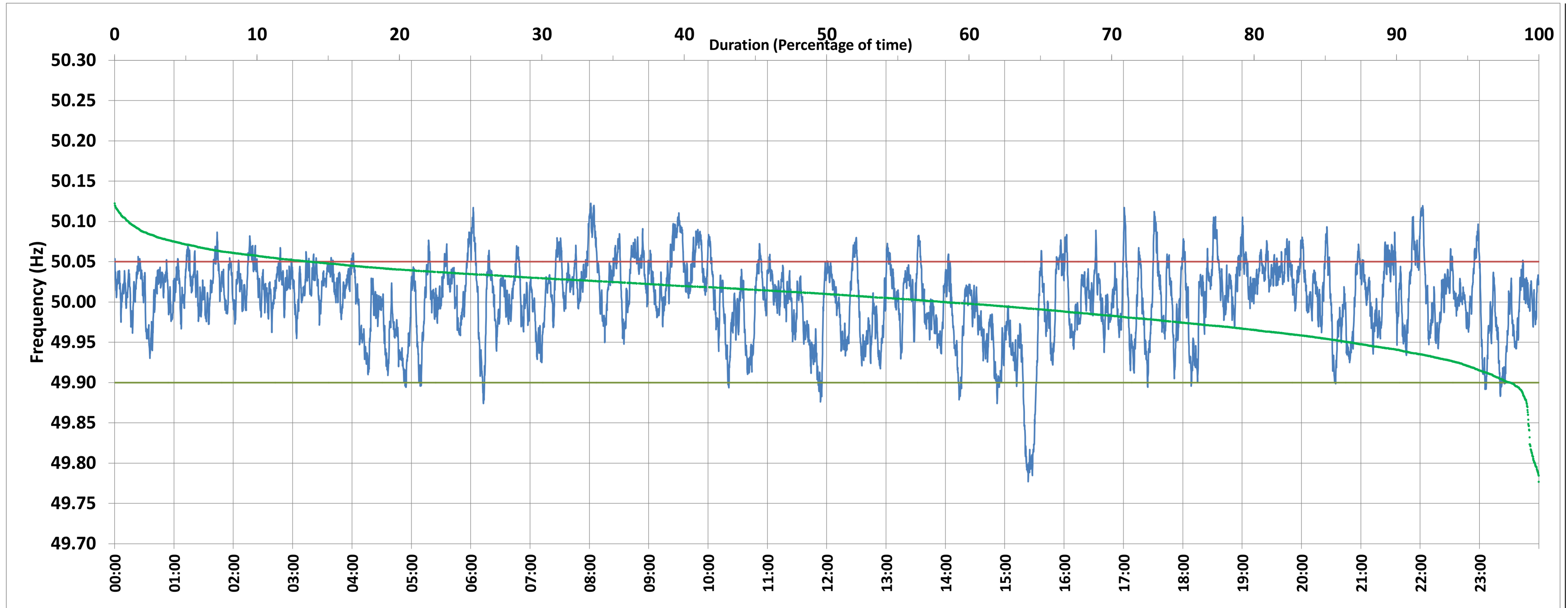


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Oct-2020 (Friday)



<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	1.99	22.29	0.28	1.71	39.66	57.37	0.97	84.21	100.00	48.07	12.91	58.30	29.64	13.80	0.00	13.19	73.01	11.20

Average Frequency : 50.003	Frequency Variation Index : 0.0224	Standard Deviation : 0.0472	Mileage: 50.0	FDI: 15.8
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Instantaneous Frequency		
Max	50.122	8:01:20
Min	49.777	15:23:40

15 minute Average Frequency		
Max	50.056	10:00:00
Min	49.845	15:30:00

No. of excursions	
above 50.03 Hz	222
below 49.97 Hz	144
above 50.00 Hz	212
below 50.00 Hz	211

Average time freq per excursion remains	
below 49.97	0:02:14
above 50.03	0:01:55

No. of hours freq outside 49.9-50.05 Hz	3:47:20
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Source : SLPR4:Frequency 10 Sec. (8640 samples)