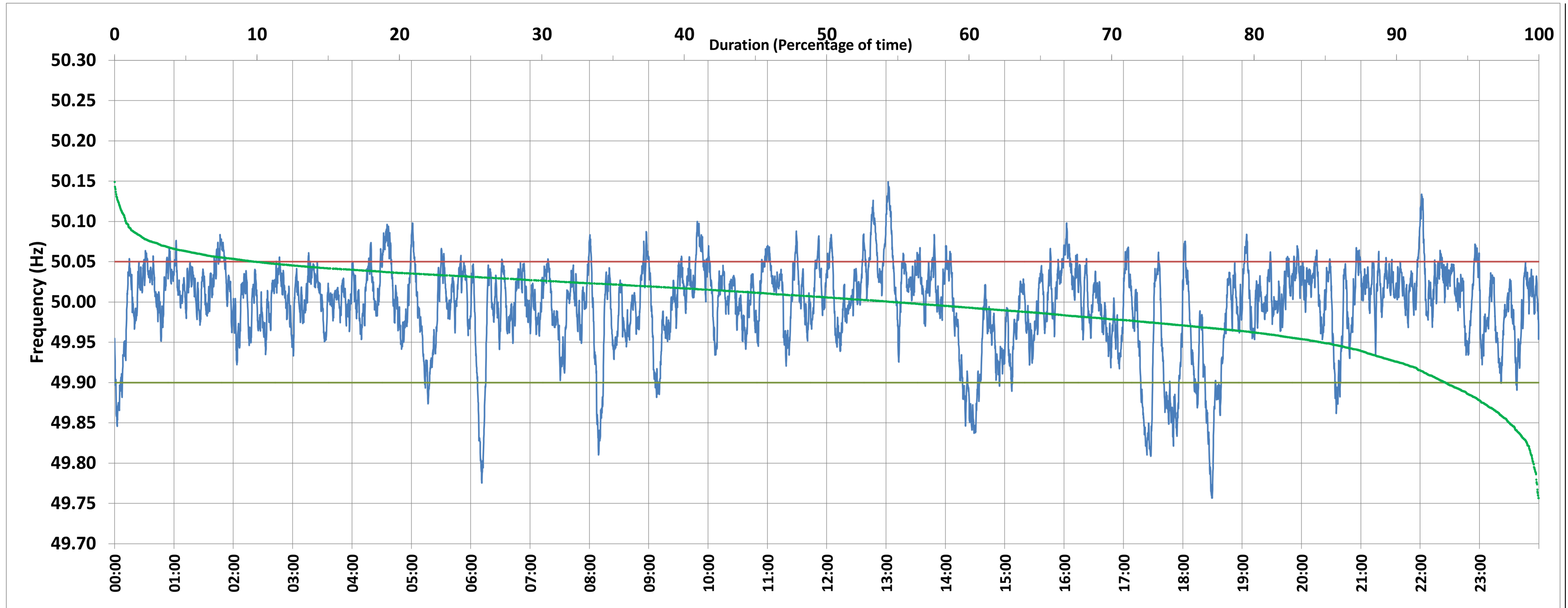


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 19-Oct-2020 (Monday)



<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	6.55	24.31	0.38	6.17	38.63	54.03	0.79	83.53	100.00	49.17	9.20	54.70	26.53	9.92	0.00	15.27	74.81	8.72

Average Frequency : 49.996	Frequency Variation Index : 0.0285	Standard Deviation : 0.0532	Mileage: 49.4	FDI: 16.5
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Instantaneous Frequency		
Max	50.149	13:02:10
Min	49.757	18:29:40

15 minute Average Frequency		
Max	50.066	13:00:00
Min	49.862	17:30:00

No. of excursions	
above 50.03 Hz	242
below 49.97 Hz	155
above 50.00 Hz	194
below 50.00 Hz	196

Average time freq per excursion remains	
below 49.97	0:02:15
above 50.03	0:01:35

No. of hours freq outside 49.9-50.05 Hz	3:57:10
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Source : SLPR4:Frequency 10 Sec. (8640 samples)