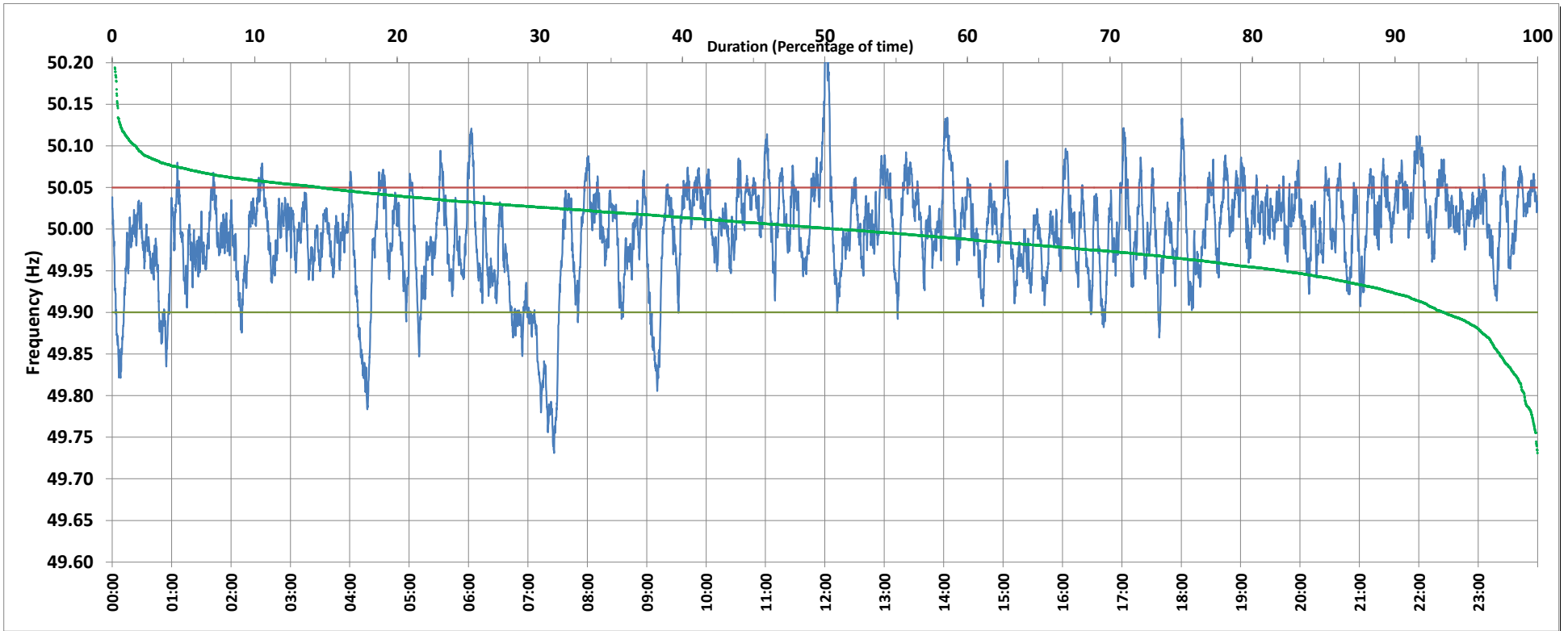


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 20-Nov-2019 (Wednesday)



<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	6.56	27.85	0.93	5.64	42.34	49.46	1.46	78.81	99.81	45.03	13.02	50.94	27.12	14.63	0.19	17.95	67.42	11.39

Average Frequency : 49.995	Frequency Variation Index : 0.0349	Standard Deviation : 0.0588	Mileage: 52.1	FDI: 21.2
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Instantaneous Frequency		
Max	50.226	12:01:30
Min	49.731	7:26:20

15 minute Average Frequency		
Max	50.069	12:00:00
Min	49.785	7:30:00

No. of excursions	
above 50.03 Hz	199
below 49.97 Hz	148
above 50.00 Hz	189
below 50.00 Hz	188

Average time freq per excursion remains	
below 49.97	0:02:43
above 50.03	0:01:58

No. of hours freq outside 49.9-50.05 Hz	5:05:10
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Source : SLPR4:Frequency 10 Sec. (8640 samples)