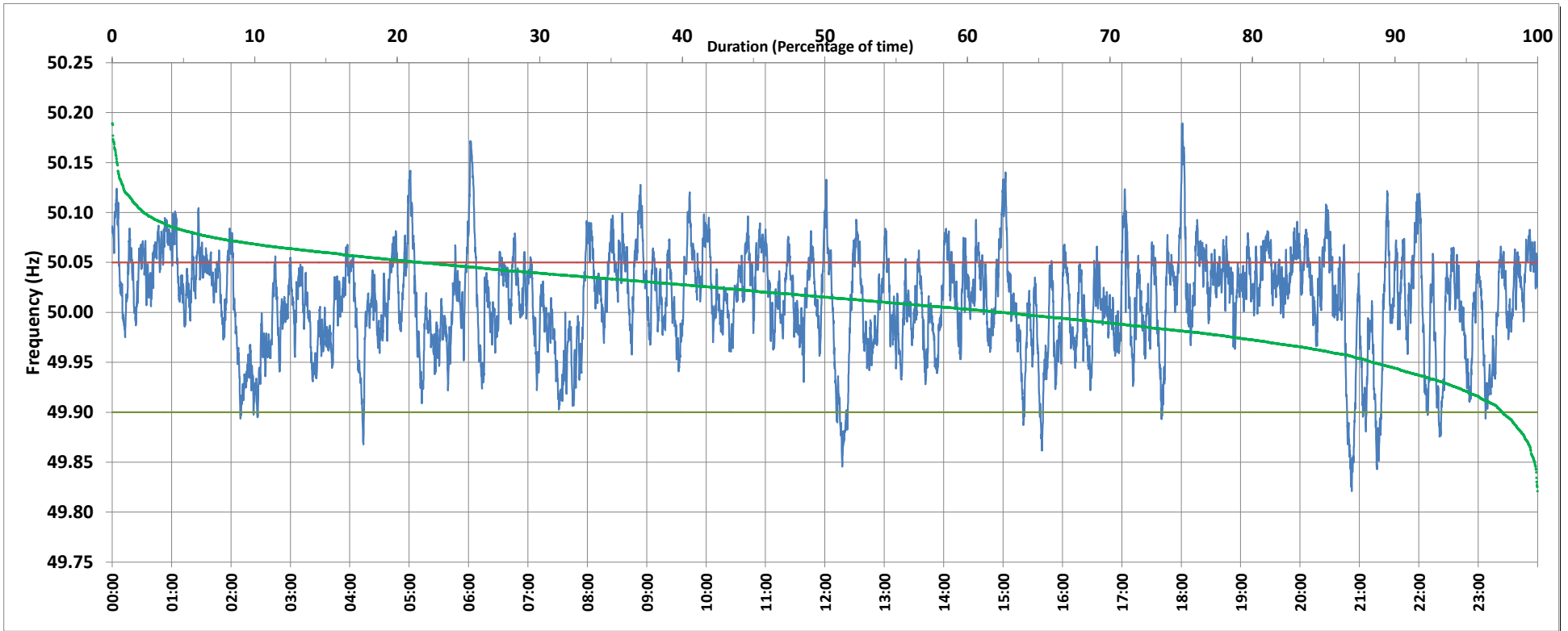


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Nov-2019 (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	2.48	18.78	0.00	2.48	34.94	60.38	2.20	75.88	100.00	43.11	19.53	62.37	38.10	21.64	0.00	11.50	66.85	9.03

Average Frequency : 50.011	Frequency Variation Index : 0.0260	Standard Deviation : 0.0498	Mileage: 52.8	FDI: 24.1
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Instantaneous Frequency		
Max	50.189	18:01:10
Min	49.821	20:52:10

15 minute Average Frequency		
Max	50.072	1:00:00
Min	49.913	21:00:00

No. of excursions	
above 50.03 Hz	223
below 49.97 Hz	127
above 50.00 Hz	188
below 50.00 Hz	189

Average time freq per excursion remains	
below 49.97	0:02:08
above 50.03	0:02:28

No. of hours freq outside 49.9-50.05 Hz	5:47:20
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Source : SLPR4:Frequency 10 Sec. (8640 samples)