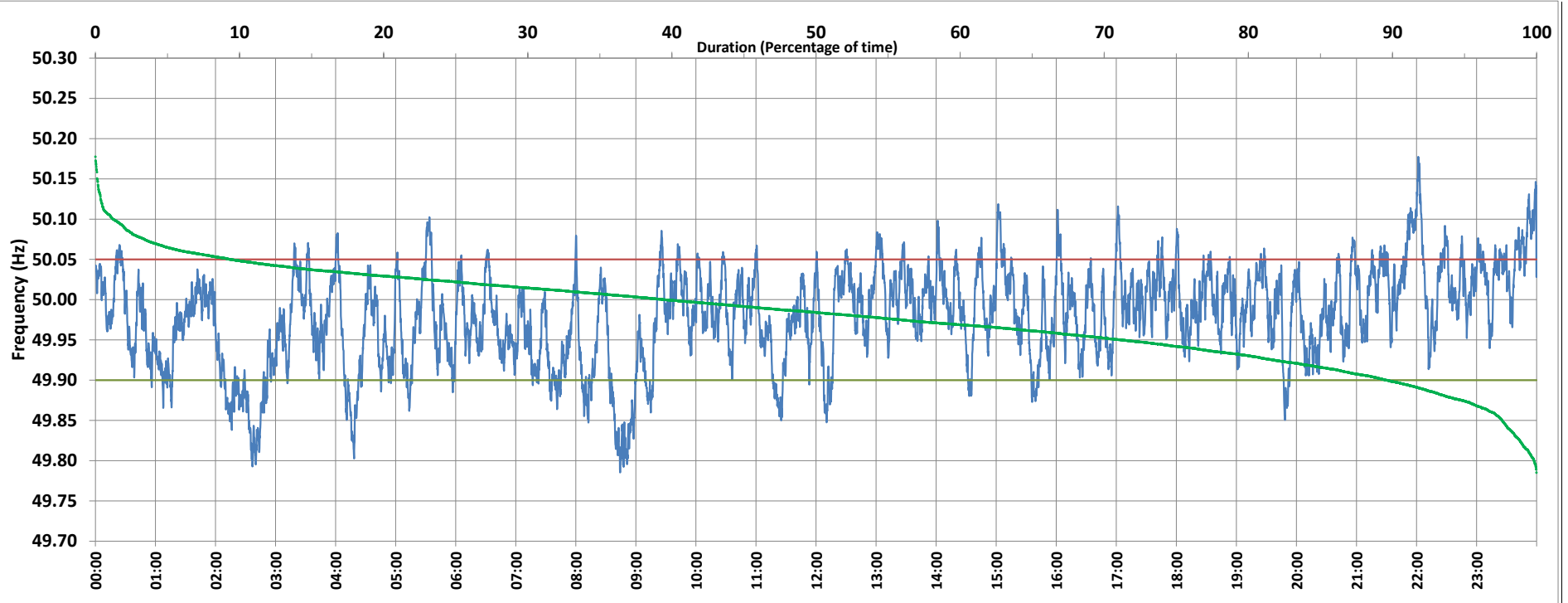


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Nov-2020 (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	10.38	40.71	0.17	10.21	50.10	38.26	1.25	80.28	100.00	39.79	8.17	39.47	19.50	9.34	0.00	28.76	61.90	18.38

Average Frequency : 49.979	Frequency Variation Index : 0.0394	Standard Deviation : 0.0592	Mileage: 55.1	FDI: 19.7
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Instantaneous Frequency		
Max	50.178	22:01:40
Min	49.785	8:44:10

15 minute Average Frequency		
Max	50.090	0:00:00
Min	49.834	9:00:00

No. of excursions	
above 50.03 Hz	166
below 49.97 Hz	180
above 50.00 Hz	201
below 50.00 Hz	200

Average time freq per excursion remains	
below 49.97	0:03:15
above 50.03	0:01:42

No. of hours freq outside 49.9-50.05 Hz	4:44:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)