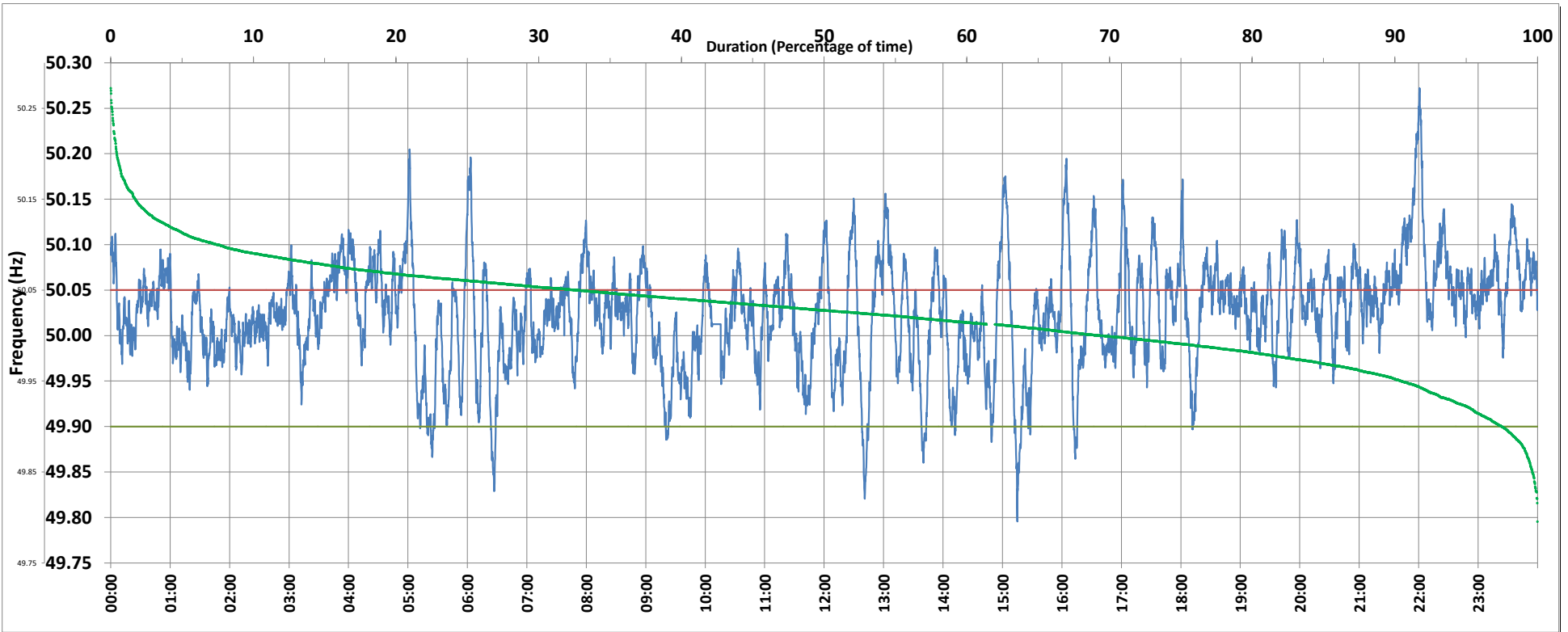


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 26-Nov-2019 (Tuesday)



<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	2.51	15.22	0.01	2.50	28.00	61.92	7.14	64.79	99.57	36.52	25.28	69.29	48.26	32.70	0.43	9.54	57.77	7.03

Average Frequency : 50.025	Frequency Variation Index : 0.0392	Standard Deviation : 0.0577	Mileage: 50.6	FDI: 35.2
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Instantaneous Frequency		
Max	50.272	22:00:50
Min	49.796	15:14:50

15 minute Average Frequency		
Max	50.144	22:00:00
Min	49.916	15:30:00

No. of excursions	
above 50.03 Hz	190
below 49.97 Hz	94
above 50.00 Hz	156
below 50.00 Hz	156

Average time freq per excursion remains	
below 49.97	0:02:20
above 50.03	0:03:39

No. of hours freq outside 49.9-50.05 Hz	8:27:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)