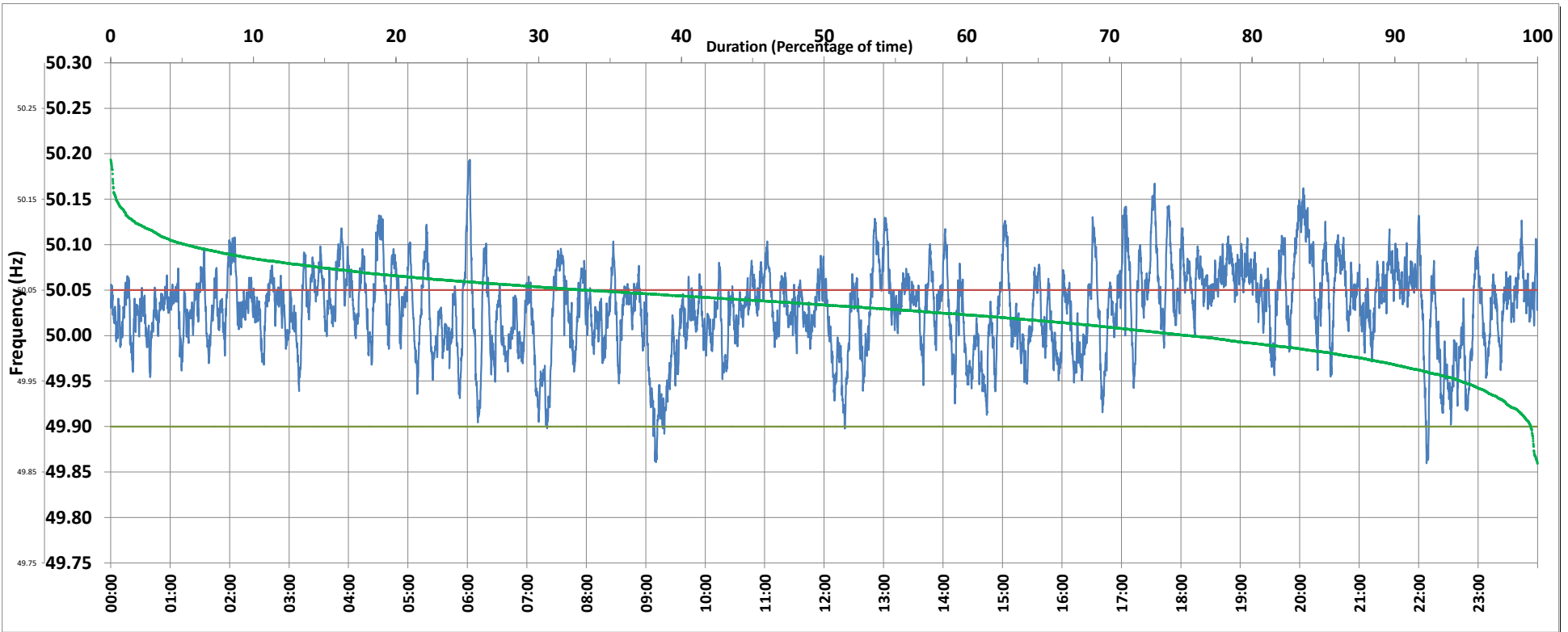


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 27-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	0.47	10.54	0.00	0.47	23.92	70.29	5.31	66.24	100.00	35.80	28.11	75.45	53.66	33.29	0.00	5.38	61.33	4.91

Average Frequency : 50.030	Frequency Variation Index : 0.0304	Standard Deviation : 0.0464	Mileage: 50.8	FDI: 33.8
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Instantaneous Frequency		
Max	50.193	6:02:20
Min	49.860	22:08:00

15 minute Average Frequency		
Max	50.113	20:15:00
Min	49.933	9:15:00

No. of excursions	
above 50.03 Hz	223
below 49.97 Hz	72
above 50.00 Hz	147
below 50.00 Hz	145

Average time freq per excursion remains	
below 49.97	0:02:07
above 50.03	0:03:28

No. of hours freq outside 49.9-50.05 Hz	8:06:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)