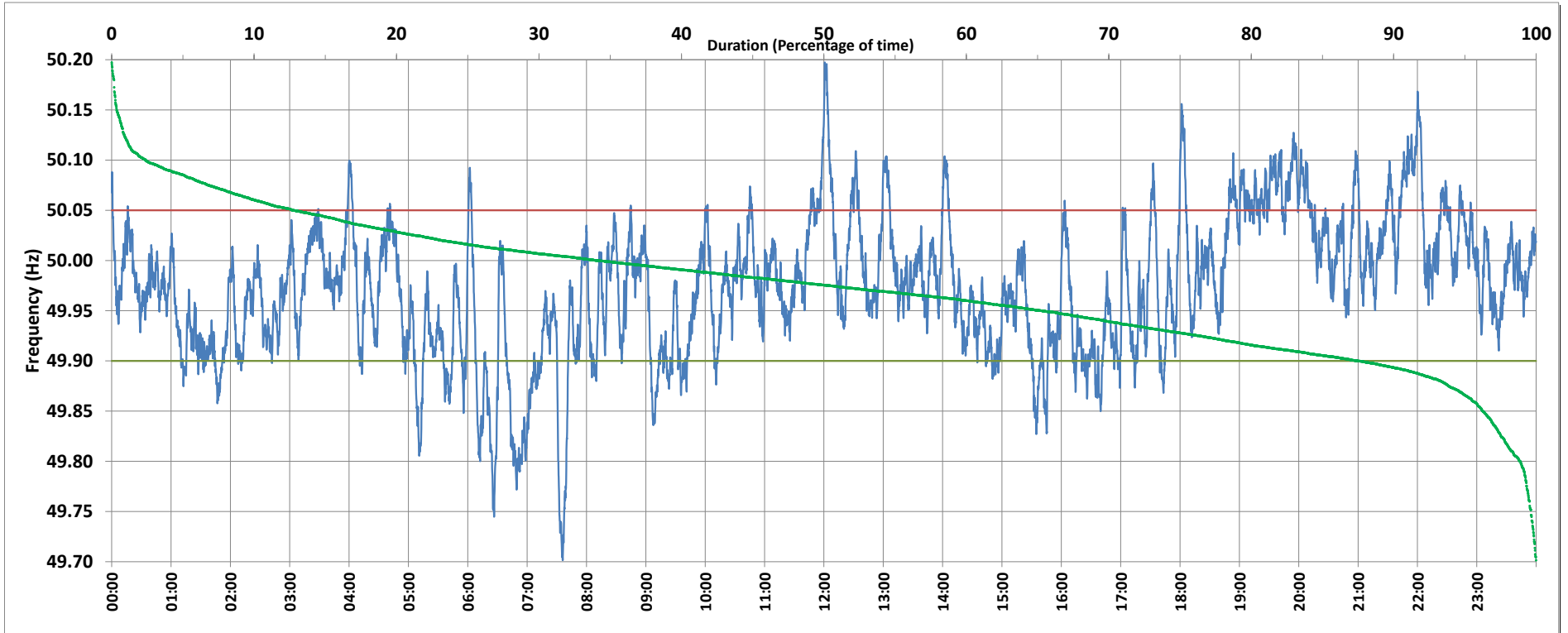


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Nov-2018 (Monday)



<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	12.42	46.38	1.12	11.30	53.38	31.81	2.40	74.81	100.00	34.13	10.43	34.17	19.49	12.77	0.00	34.69	52.55	22.27

Average Frequency : 49.973	Frequency Variation Index : 0.0531	Standard Deviation : 0.0679	Mileage: 45.9	FDI: 25.2
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Instantaneous Frequency		
Max	50.197	12:00:50
Min	49.702	7:35:50

15 minute Average Frequency		
Max	50.100	22:00:00
Min	49.807	7:00:00

No. of excursions	
above 50.03 Hz	84
below 49.97 Hz	148
above 50.00 Hz	140
below 50.00 Hz	141

Average time freq per excursion remains	
below 49.97	0:04:31
above 50.03	0:03:20

No. of hours freq outside 49.9-50.05 Hz	6:02:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)