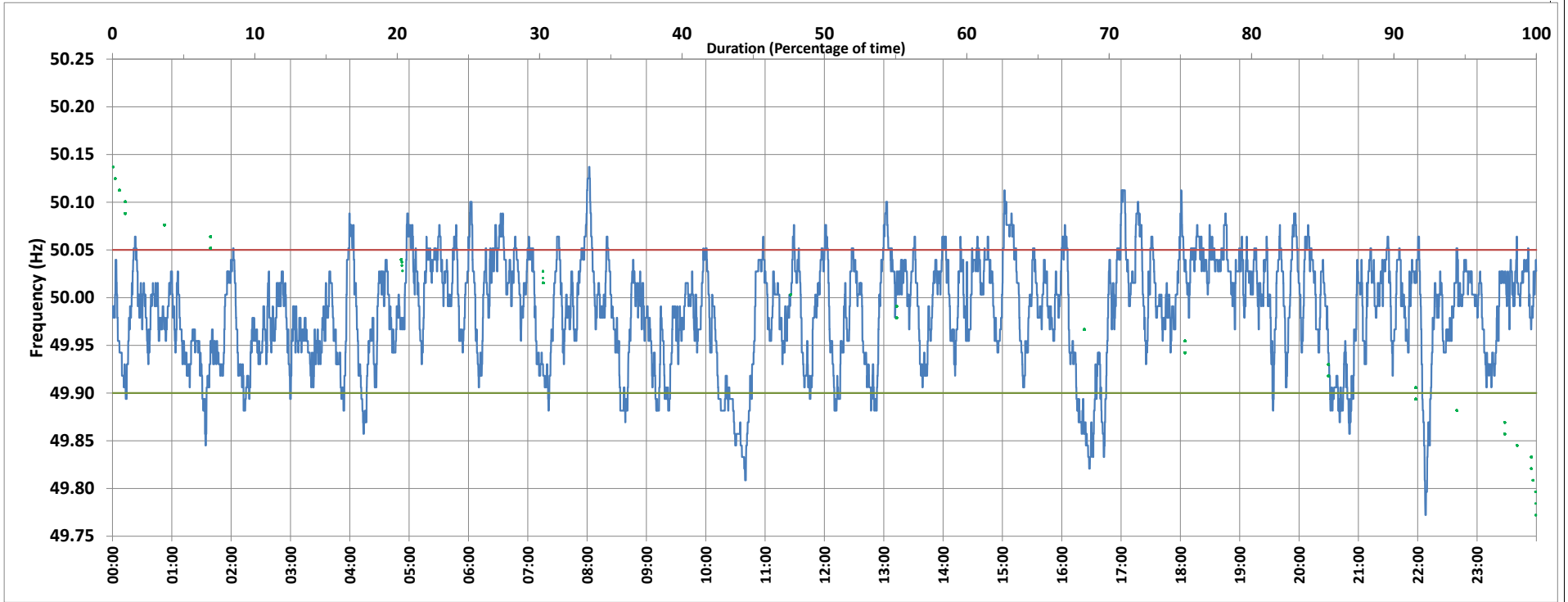


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12.11.2020(Thursday)



<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	8.47	38.38	0.14	8.33	43.90	46.72	0.90	79.22	100.00	41.26	11.40	47.63	20.36	12.30	0.00	24.69	63.01	16.22

Average Frequency : 49.986	Frequency Variation Index : 0.0332	Standard Deviation : 0.0558	Mileage: 33.9	FDI: 20.8
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Instantaneous Frequency		
Max	50.137	8:01:50
Min	49.772	22:07:40

15 minute Average Frequency		
Max	50.068	15:15:00
Min	49.850	10:45:00

No. of excursions	
above 50.03 Hz	109
below 49.97 Hz	105
above 50.00 Hz	128
below 50.00 Hz	128

Average time freq per excursion remains	
below 49.97	0:05:16
above 50.03	0:02:41

No. of hours freq outside 49.9-50.05 Hz	4:59:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)