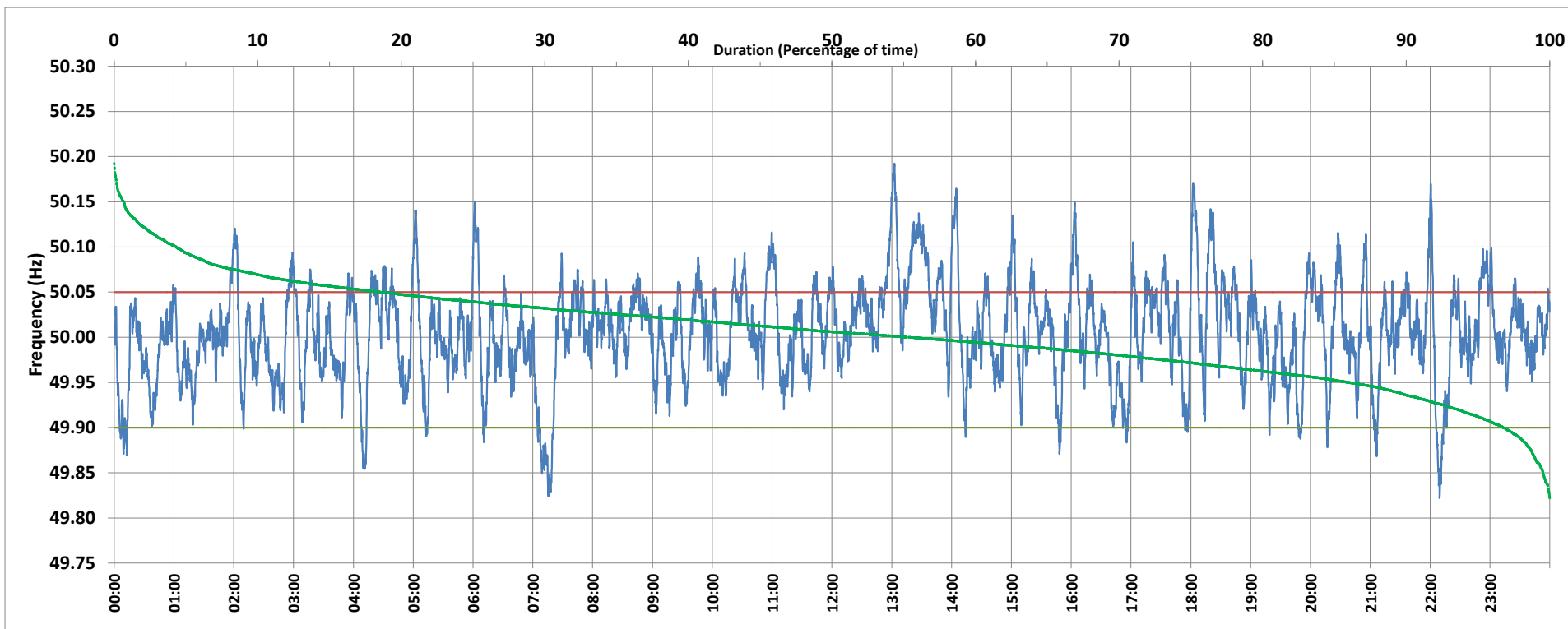


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Mar-2020 (Friday)



<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	3.24	24.03	0.00	3.24	41.39	51.05	4.32	78.28	100.00	44.62	14.21	55.14	31.35	18.48	0.00	13.96	67.56	10.72

Average Frequency : 50.005	Frequency Variation Index : 0.0294	Standard Deviation : 0.0541	Mileage: 51.2	FDI: 21.7
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Instantaneous Frequency		
Max	50.192	13:02:30
Min	49.822	22:09:30

15 minute Average Frequency		
Max	50.099	13:30:00
Min	49.900	7:15:00

No. of excursions	
above 50.03 Hz	186
below 49.97 Hz	148
above 50.00 Hz	211
below 50.00 Hz	206

Average time freq per excursion remains	
below 49.97	0:02:20
above 50.03	0:02:26

No. of hours freq outside 49.9-50.05 Hz	5:12:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)