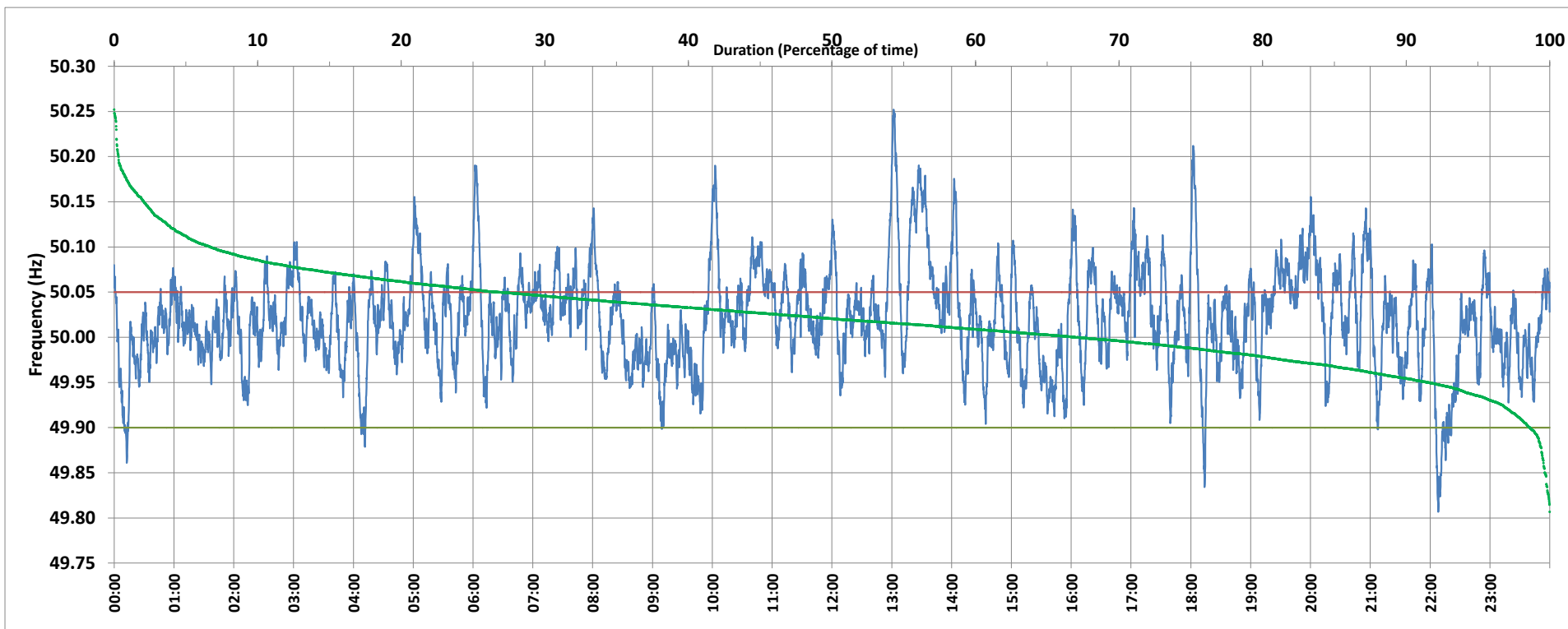


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-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	1.38	15.96	0.00	1.38	31.54	60.38	6.40	71.92	99.70	41.70	20.07	66.91	42.34	26.70	0.30	8.48	64.81	7.11

Average Frequency : 50.021	Frequency Variation Index : 0.0340	Standard Deviation : 0.0545	Mileage: 50.6	FDI: 28.1
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Instantaneous Frequency		
Max	50.252	13:01:50
Min	49.807	22:08:10

15 minute Average Frequency		
Max	50.134	13:30:00
Min	49.922	22:15:00

No. of excursions	
above 50.03 Hz	215
below 49.97 Hz	108
above 50.00 Hz	192
below 50.00 Hz	190

Average time freq per excursion remains	
below 49.97	0:02:08
above 50.03	0:02:50

No. of hours freq outside 49.9-50.05 Hz	6:44:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)