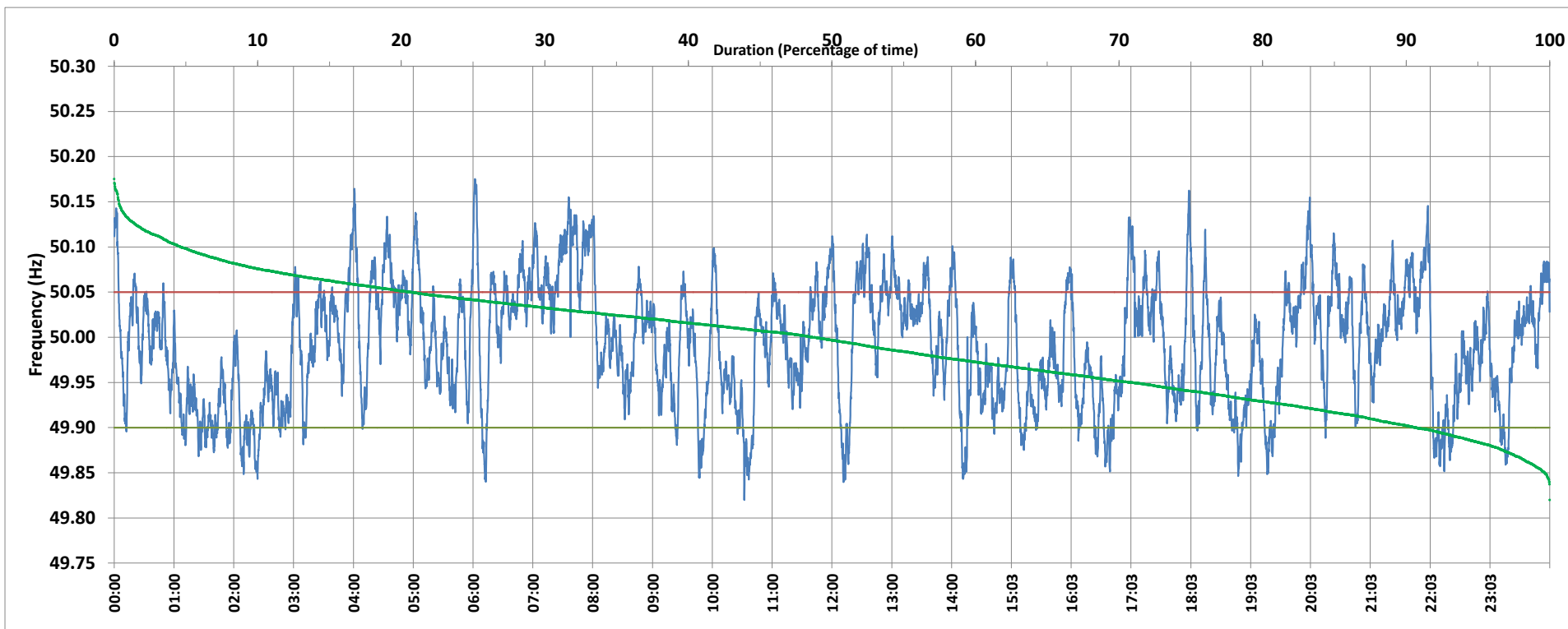


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Mar-2020 (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	9.28	38.77	0.00	9.28	41.94	44.13	4.64	70.06	100.00	29.76	16.06	48.61	31.47	20.66	0.00	29.16	50.19	19.87

Average Frequency : 49.992	Frequency Variation Index : 0.0443	Standard Deviation : 0.0661	Mileage: 50.9	FDI: 29.9
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Instantaneous Frequency		
Max	50.175	6:02:00
Min	49.820	10:32:00

15 minute Average Frequency		
Max	50.116	7:45:00
Min	49.892	2:30:00

No. of excursions	
above 50.03 Hz	163
below 49.97 Hz	114
above 50.00 Hz	108
below 50.00 Hz	105

Average time freq per excursion remains	
below 49.97	0:04:54
above 50.03	0:02:47

No. of hours freq outside 49.9-50.05 Hz	7:11:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)