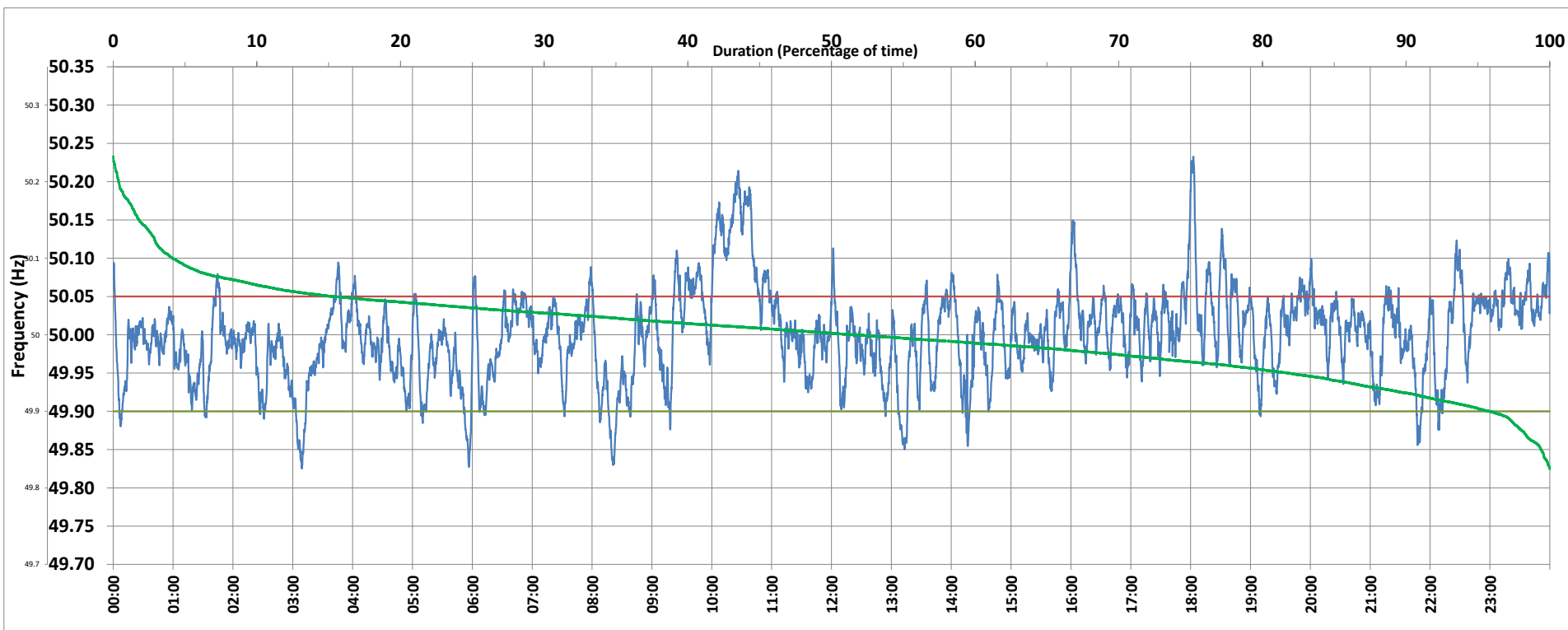


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Apr-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	4.19	27.86	0.00	4.19	44.11	47.56	3.76	80.49	99.62	43.44	11.32	51.52	28.70	15.32	0.38	18.23	66.45	14.04

Average Frequency : 50.000	Frequency Variation Index : 0.0343	Standard Deviation : 0.0587	Mileage: 38.0	FDI: 19.5
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Instantaneous Frequency		
Max	50.233	18:02:40
Min	49.825	3:09:00

15 minute Average Frequency		
Max	50.162	10:30:00
Min	49.878	3:15:00

No. of excursions	
above 50.03 Hz	133
below 49.97 Hz	101
above 50.00 Hz	153
below 50.00 Hz	153

Average time freq per excursion remains	
below 49.97	0:03:58
above 50.03	0:03:06

No. of hours freq outside 49.9-50.05 Hz	4:41:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)