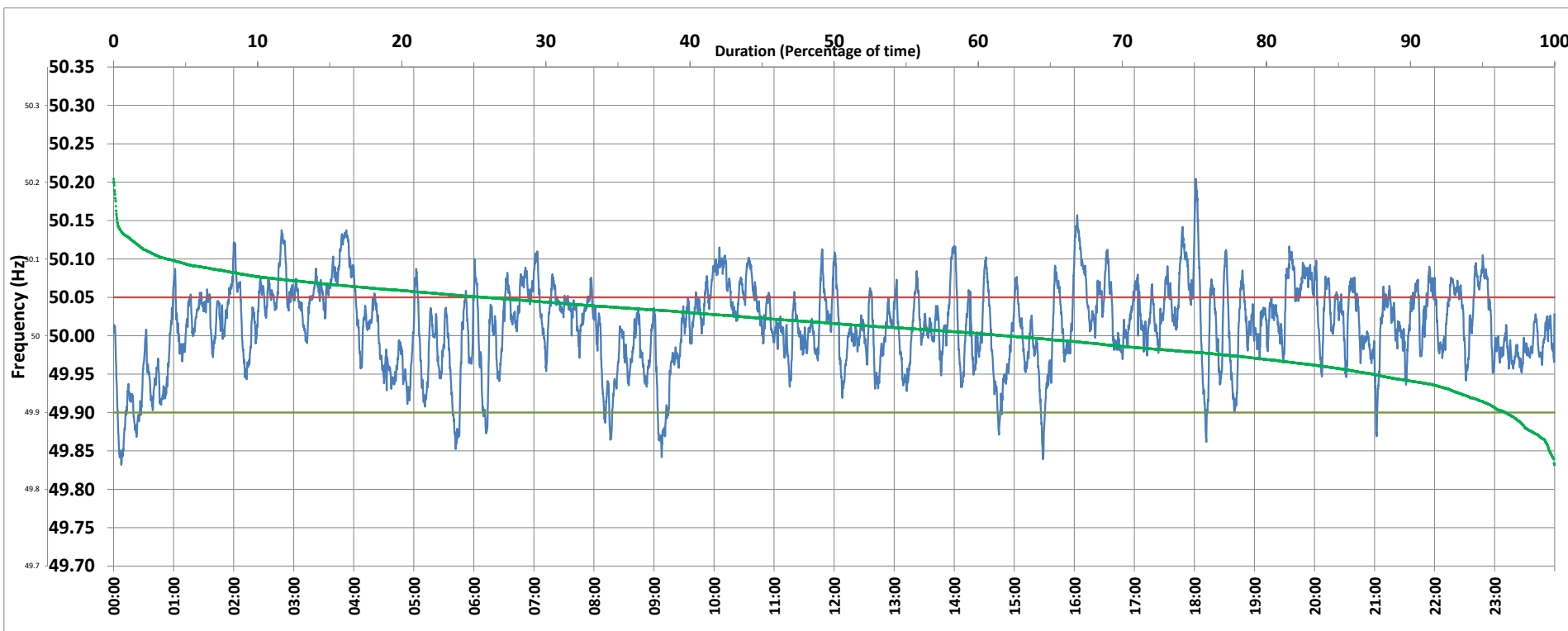


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-Apr-2020 (Tuesday)



<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	3.41	20.31	0.00	3.41	34.59	58.24	3.73	70.75	99.98	39.59	22.12	61.84	40.09	25.83	0.02	12.58	61.59	9.17

Average Frequency : 50.013	Frequency Variation Index : 0.0313	Standard Deviation : 0.0546	Mileage: 34.1	FDI: 29.2
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Instantaneous Frequency		
Max	50.204	18:01:20
Min	49.832	0:07:40

15 minute Average Frequency		
Max	50.111	4:00:00
Min	49.901	0:15:00

No. of excursions	
above 50.03 Hz	114
below 49.97 Hz	74
above 50.00 Hz	114
below 50.00 Hz	115

Average time freq per excursion remains	
below 49.97	0:03:57
above 50.03	0:05:04

No. of hours freq outside 49.9-50.05 Hz	7:01:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)