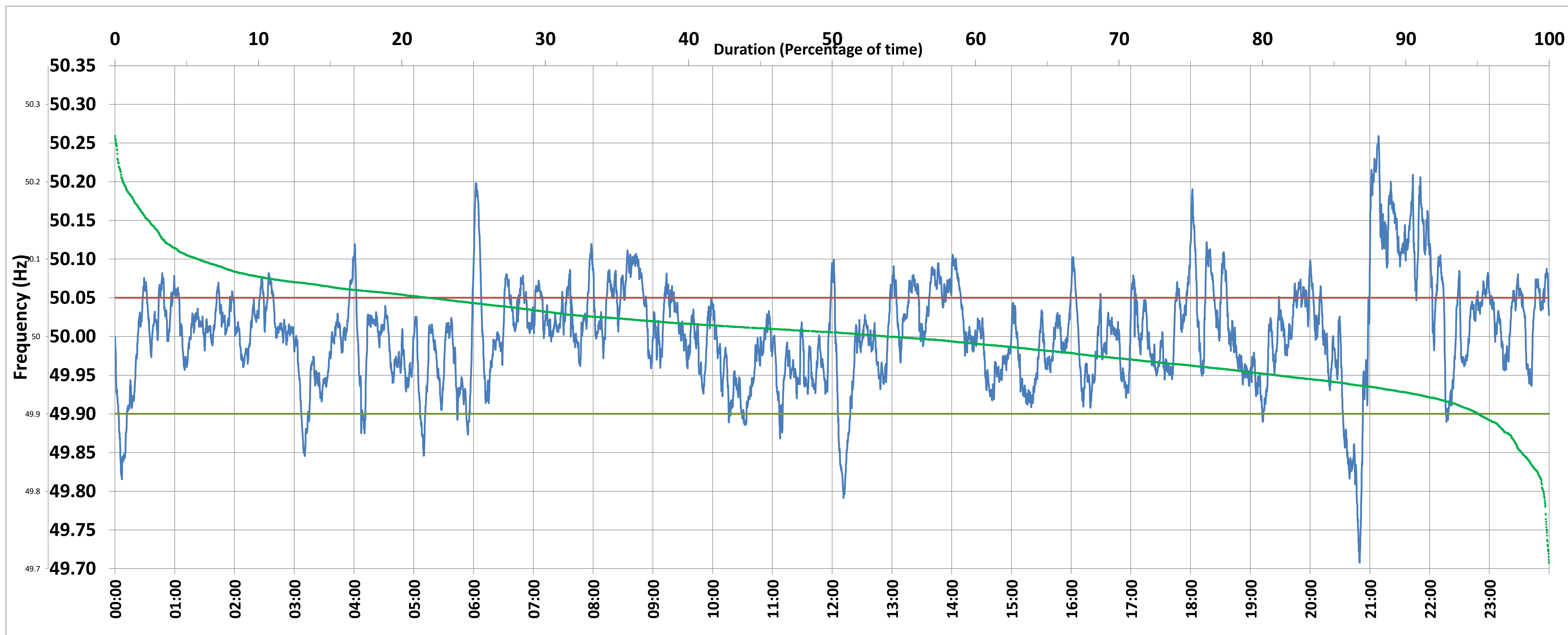


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Apr-2020 (Sunday)



<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	4.91	28.94	0.41	4.50	41.03	48.24	5.27	73.18	99.44	40.08	16.19	53.90	30.98	21.91	0.56	18.91	59.18	14.00

Average Frequency : 50.003	Frequency Variation Index : 0.0432	Standard Deviation : 0.0657	Mileage: 36.2	FDI: 26.8
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Instantaneous Frequency		
Max	50.259	21:08:40
Min	49.708	20:49:40

15 minute Average Frequency		
Max	50.187	21:15:00
Min	49.870	20:45:00

No. of excursions	
above 50.03 Hz	82
below 49.97 Hz	85
above 50.00 Hz	125
below 50.00 Hz	129

Average time freq per excursion remains	
below 49.97	0:04:54
above 50.03	0:05:26

No. of hours freq outside 49.9-50.05 Hz	6:26:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)