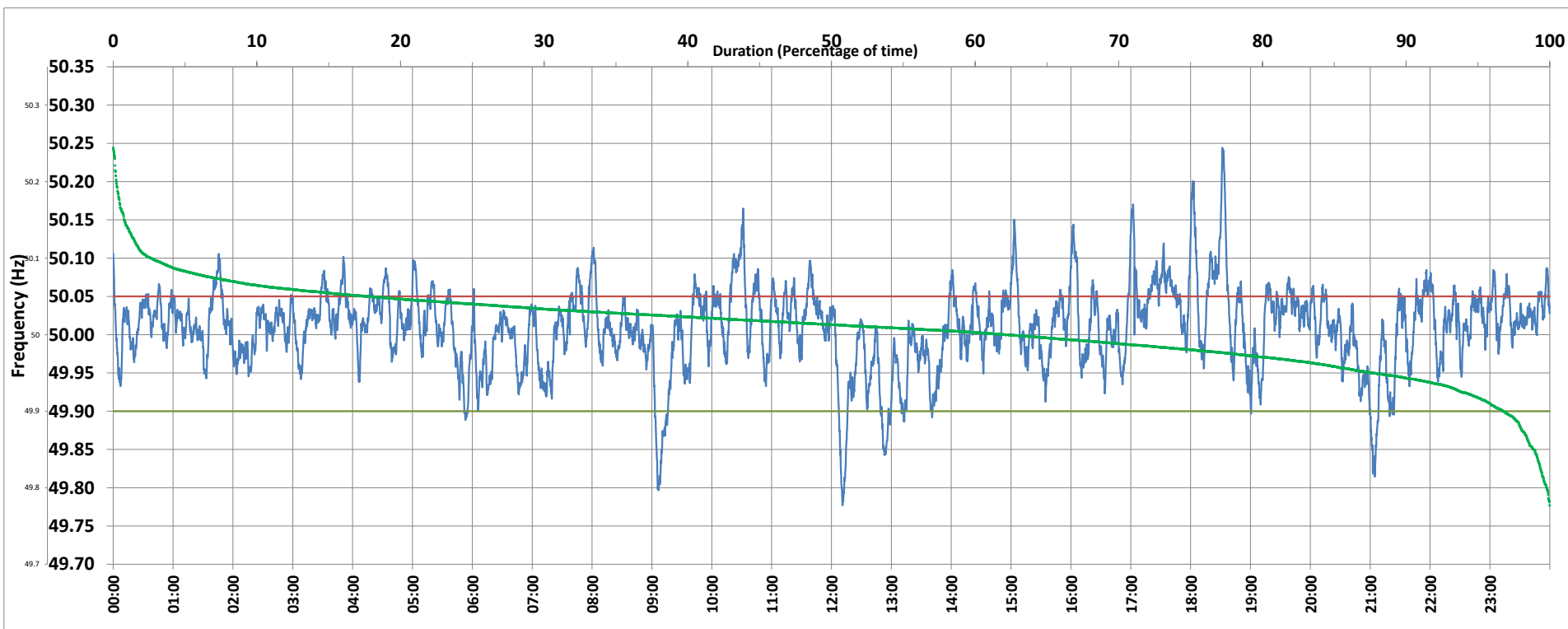


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Apr-2020 (Saturday)



<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	3.22	19.48	0.21	3.01	34.48	59.65	2.42	79.02	99.77	47.27	15.25	62.11	33.25	17.77	0.23	12.28	69.95	9.06

Average Frequency : 50.008	Frequency Variation Index : 0.0286	Standard Deviation : 0.0530	Mileage: 37.3	FDI: 21.0
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Instantaneous Frequency		
Max	50.244	18:31:40
Min	49.777	12:11:00

15 minute Average Frequency		
Max	50.081	18:30:00
Min	49.875	9:15:00

No. of excursions	
above 50.03 Hz	167
below 49.97 Hz	95
above 50.00 Hz	131
below 50.00 Hz	132

Average time freq per excursion remains	
below 49.97	0:02:57
above 50.03	0:02:52

No. of hours freq outside 49.9-50.05 Hz	5:02:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)