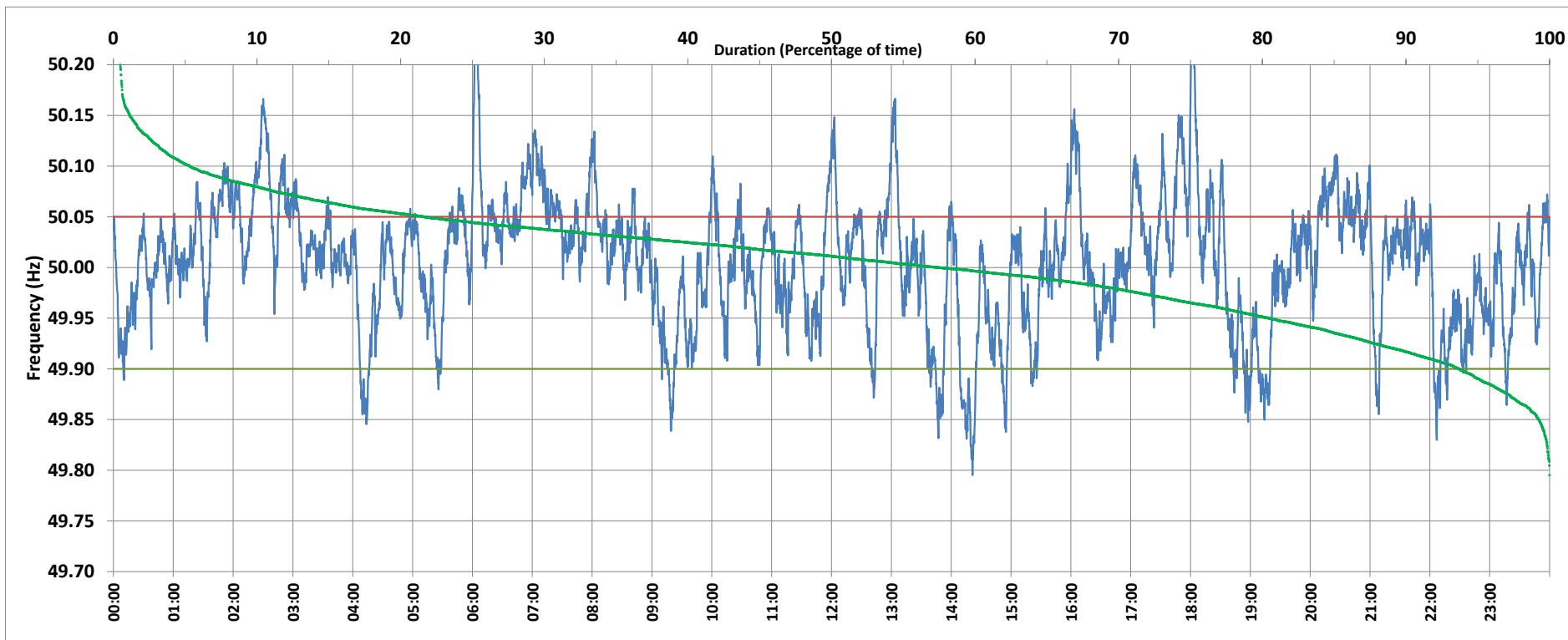


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Mar-2019 (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	6.30	26.70	0.01	6.28	36.12	52.26	4.85	72.05	99.53	37.51	16.37	57.44	35.79	21.66	0.47	19.53	58.82	13.23

Average Frequency : 50.005	Frequency Variation Index : 0.0411	Standard Deviation : 0.0639	Mileage: 47.1	FDI: 28.0
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Instantaneous Frequency		
Max	50.277	18:02:50
Min	49.795	14:21:20

15 minute Average Frequency		
Max	50.110	6:15:00
Min	49.883	14:30:00

No. of excursions	
above 50.03 Hz	172
below 49.97 Hz	95
above 50.00 Hz	171
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:04:03
above 50.03	0:03:00

No. of hours freq outside 49.9-50.05 Hz	6:42:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)