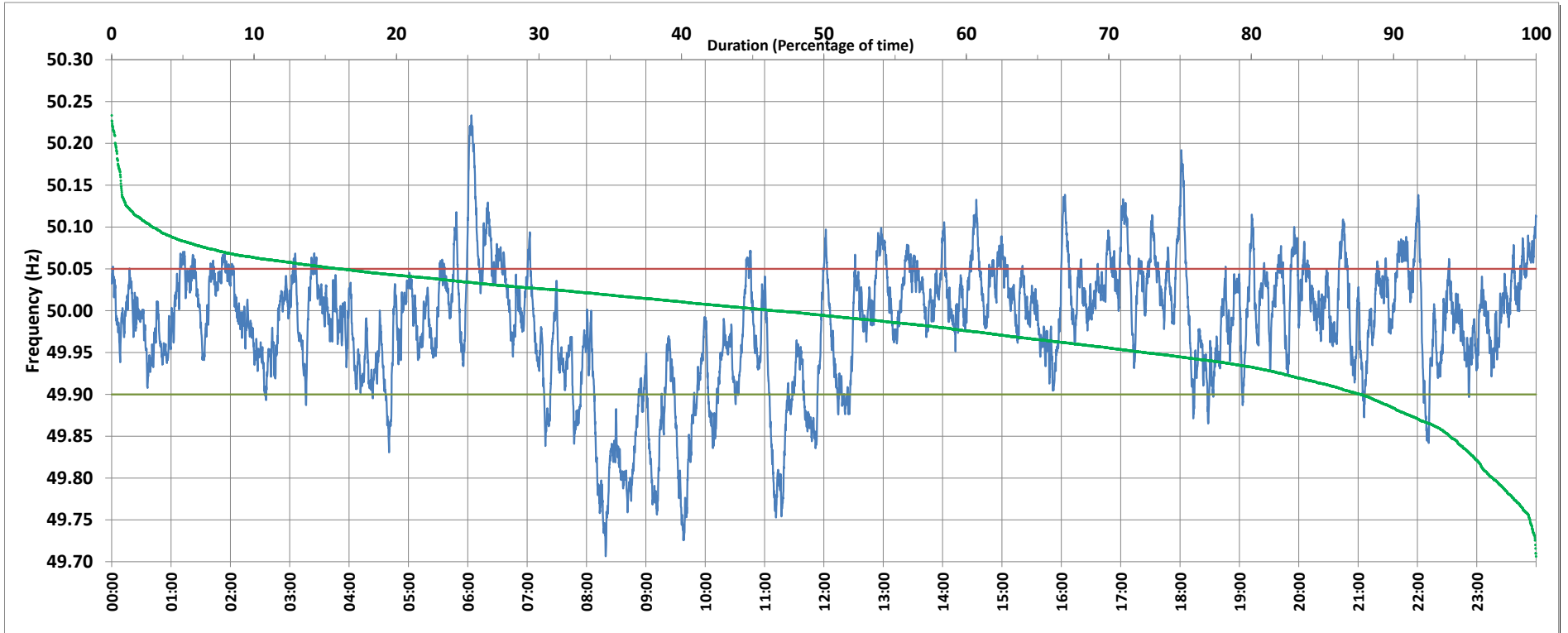


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-Feb-2019 (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	12.33	37.16	3.06	9.27	41.04	43.77	2.60	71.68	99.75	35.36	13.22	46.50	27.48	16.00	0.25	27.44	56.56	15.12

Average Frequency : 49.984	Frequency Variation Index : 0.0587	Standard Deviation : 0.0749	Mileage: 47.9	FDI: 28.3
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Instantaneous Frequency		
Max	50.234	6:03:40
Min	49.706	8:19:20

15 minute Average Frequency		
Max	50.130	6:15:00
Min	49.791	9:45:00

No. of excursions	
above 50.03 Hz	150
below 49.97 Hz	114
above 50.00 Hz	167
below 50.00 Hz	164

Average time freq per excursion remains	
below 49.97	0:04:42
above 50.03	0:02:38

No. of hours freq outside 49.9-50.05 Hz	6:47:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)