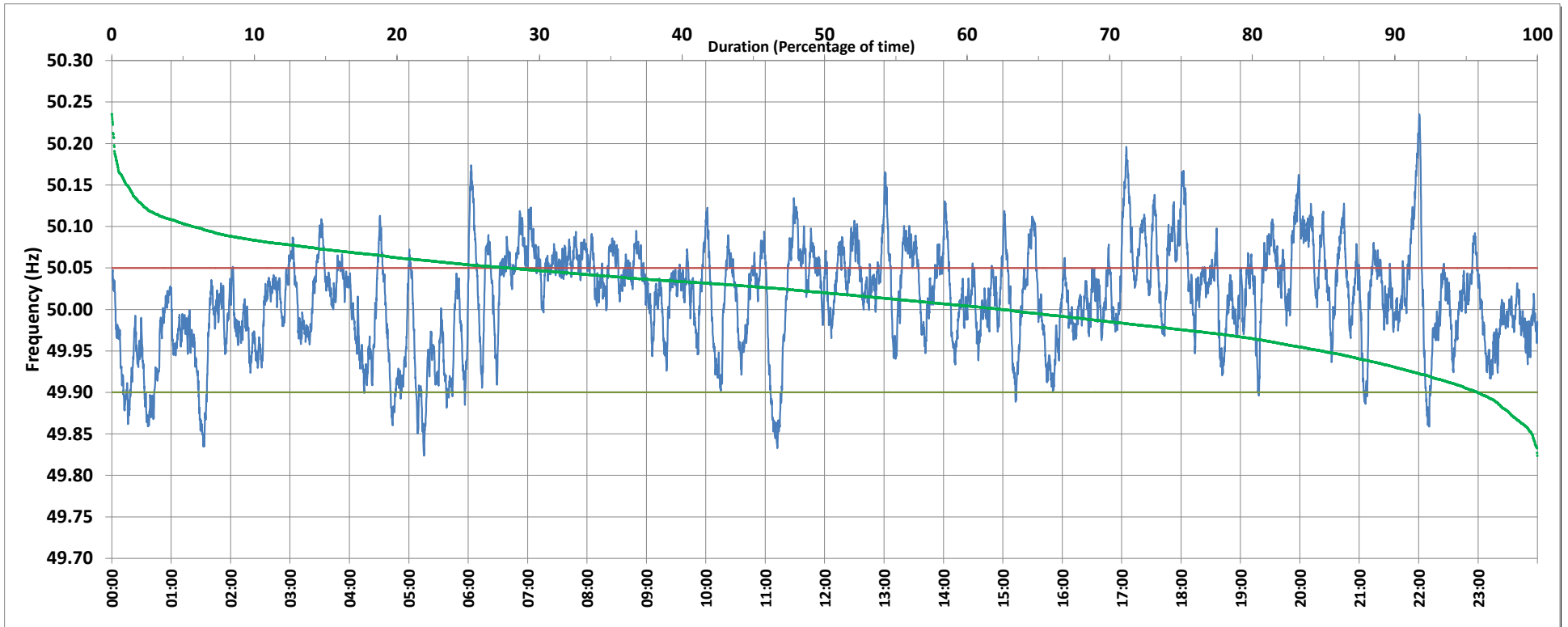


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Mar-2019 (Monday)



<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	4.21	22.08	0.00	4.21	33.28	56.81	5.54	67.96	99.84	34.78	22.28	62.41	43.14	27.82	0.16	15.07	57.11	10.86

Average Frequency : 50.014	Frequency Variation Index : 0.0382	Standard Deviation : 0.0603	Mileage: 46.6	FDI: 32.0
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Instantaneous Frequency		
Max	50.235	22:00:30
Min	49.824	5:15:20

15 minute Average Frequency		
Max	50.107	17:15:00
Min	49.896	0:45:00

No. of excursions	
above 50.03 Hz	183
below 49.97 Hz	105
above 50.00 Hz	123
below 50.00 Hz	123

Average time freq per excursion remains	
below 49.97	0:03:02
above 50.03	0:03:24

No. of hours freq outside 49.9-50.05 Hz	7:41:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)