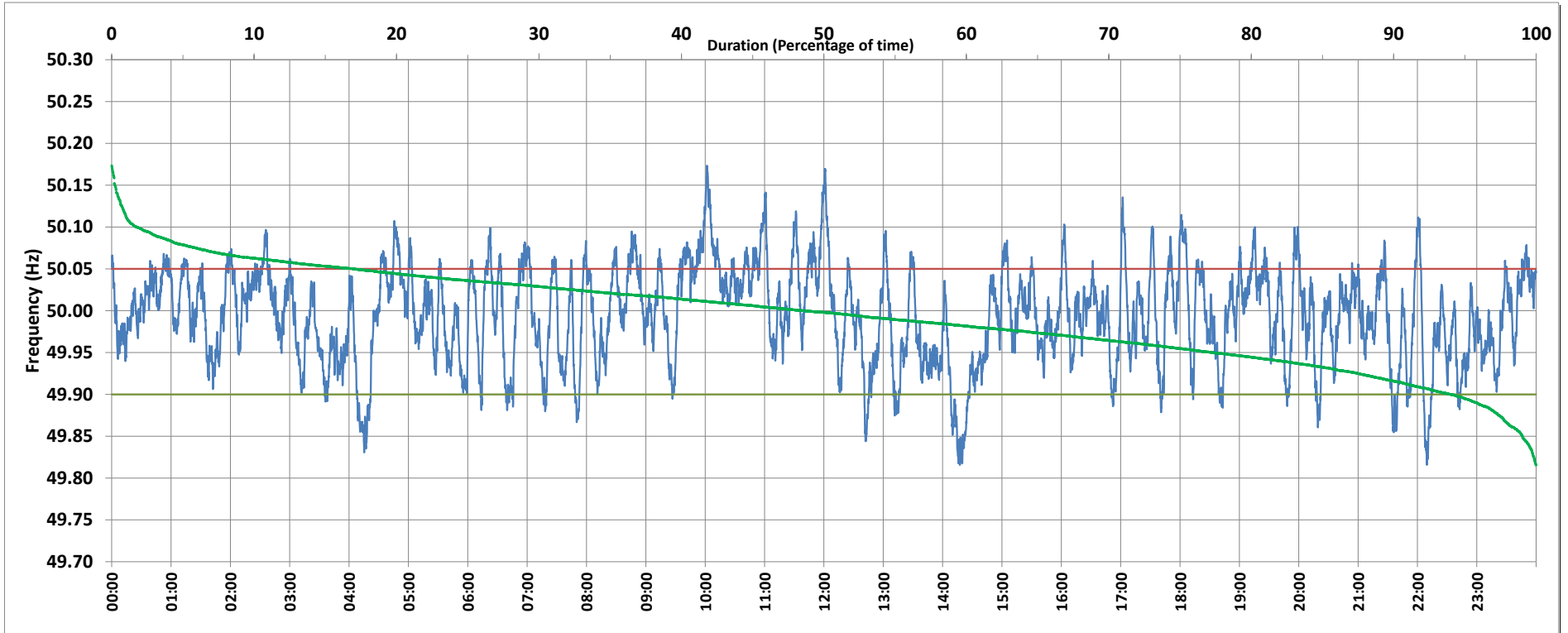


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Feb-2019 (Tuesday)



<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	5.98	32.89	0.00	5.98	45.36	46.88	1.78	77.00	100.00	37.73	15.23	48.61	29.38	17.01	0.00	22.64	60.35	16.66

Average Frequency : 49.994	Frequency Variation Index : 0.0333	Standard Deviation : 0.0574	Mileage: 48.5	FDI: 23.0
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Instantaneous Frequency		
Max	50.173	10:01:40
Min	49.816	14:17:20

15 minute Average Frequency		
Max	50.097	10:15:00
Min	49.867	14:30:00

No. of excursions	
above 50.03 Hz	154
below 49.97 Hz	131
above 50.00 Hz	161
below 50.00 Hz	161

Average time freq per excursion remains	
below 49.97	0:03:37
above 50.03	0:02:45

No. of hours freq outside 49.9-50.05 Hz	5:31:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)