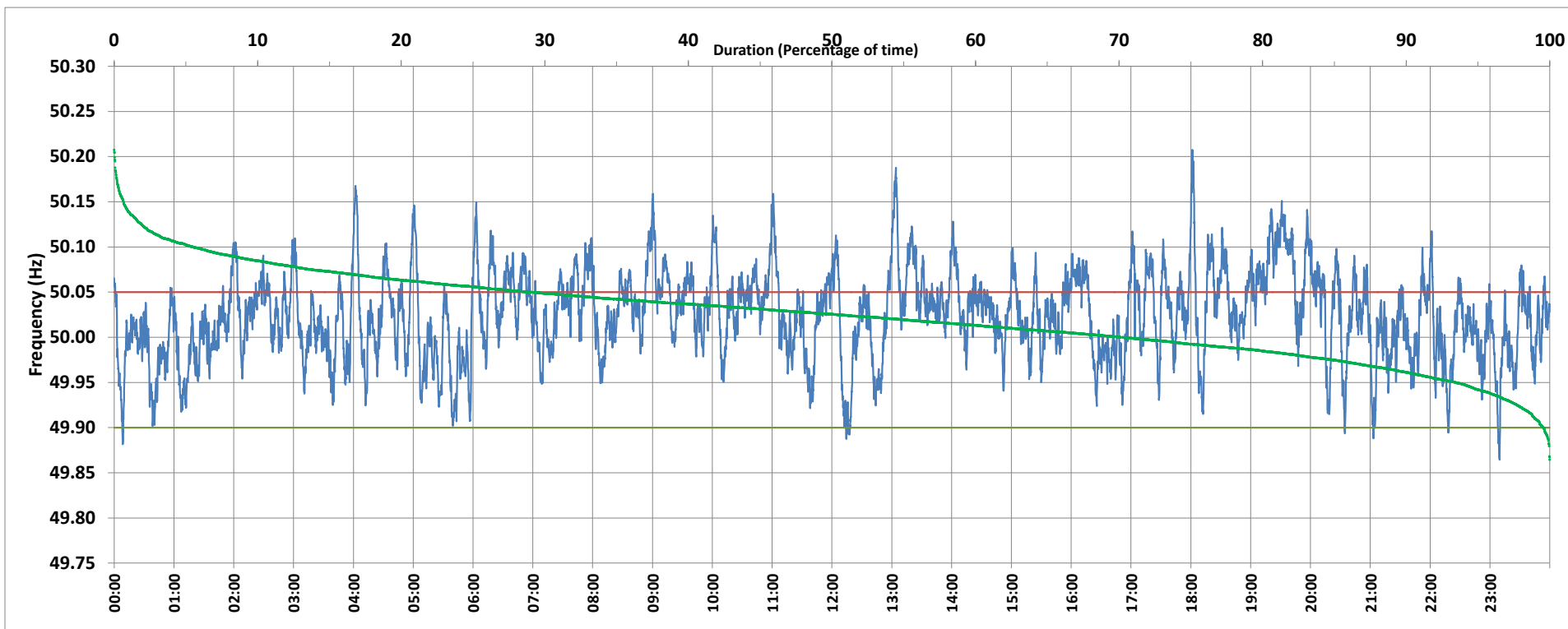


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Mar-2020 (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	0.45	13.17	0.00	0.45	29.29	64.76	5.46	70.58	99.97	40.84	23.59	70.06	45.98	28.97	0.03	6.56	64.47	6.11

Average Frequency : 50.024	Frequency Variation Index : 0.0290	Standard Deviation : 0.0482	Mileage: 51.8	FDI: 29.4
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Instantaneous Frequency		
Max	50.207	18:01:20
Min	49.865	23:09:30

15 minute Average Frequency		
Max	50.104	19:45:00
Min	49.961	0:45:00

No. of excursions	
above 50.03 Hz	235
below 49.97 Hz	104
above 50.00 Hz	191
below 50.00 Hz	188

Average time freq per excursion remains	
below 49.97	0:01:49
above 50.03	0:02:49

No. of hours freq outside 49.9-50.05 Hz	7:03:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)