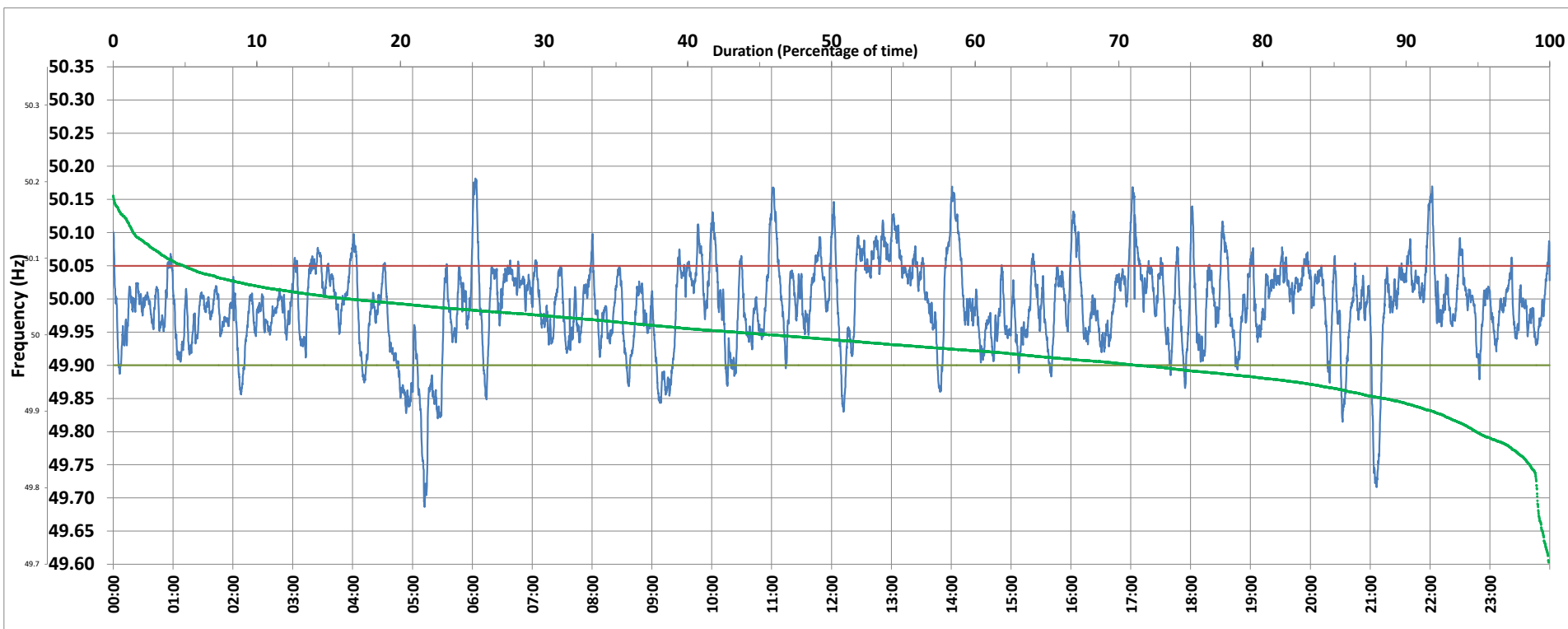


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 31-Mar-2020 (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
0.07	8.14	34.63	0.83	7.23	46.02	42.08	3.76	77.07	99.93	38.99	11.06	45.65	26.38	14.79	0.00	23.30	61.91	15.16

Average Frequency : 49.990	Frequency Variation Index : 0.0439	Standard Deviation : 0.0656	Mileage: 38.8	FDI: 22.9
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Instantaneous Frequency		
Max	50.182	6:03:00
Min	49.687	5:12:10

15 minute Average Frequency		
Max	50.081	14:15:00
Min	49.827	5:15:00

No. of excursions	
above 50.03 Hz	125
below 49.97 Hz	115
above 50.00 Hz	131
below 50.00 Hz	133

Average time freq per excursion remains	
below 49.97	0:04:20
above 50.03	0:03:02

No. of hours freq outside 49.9-50.05 Hz	5:30:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)