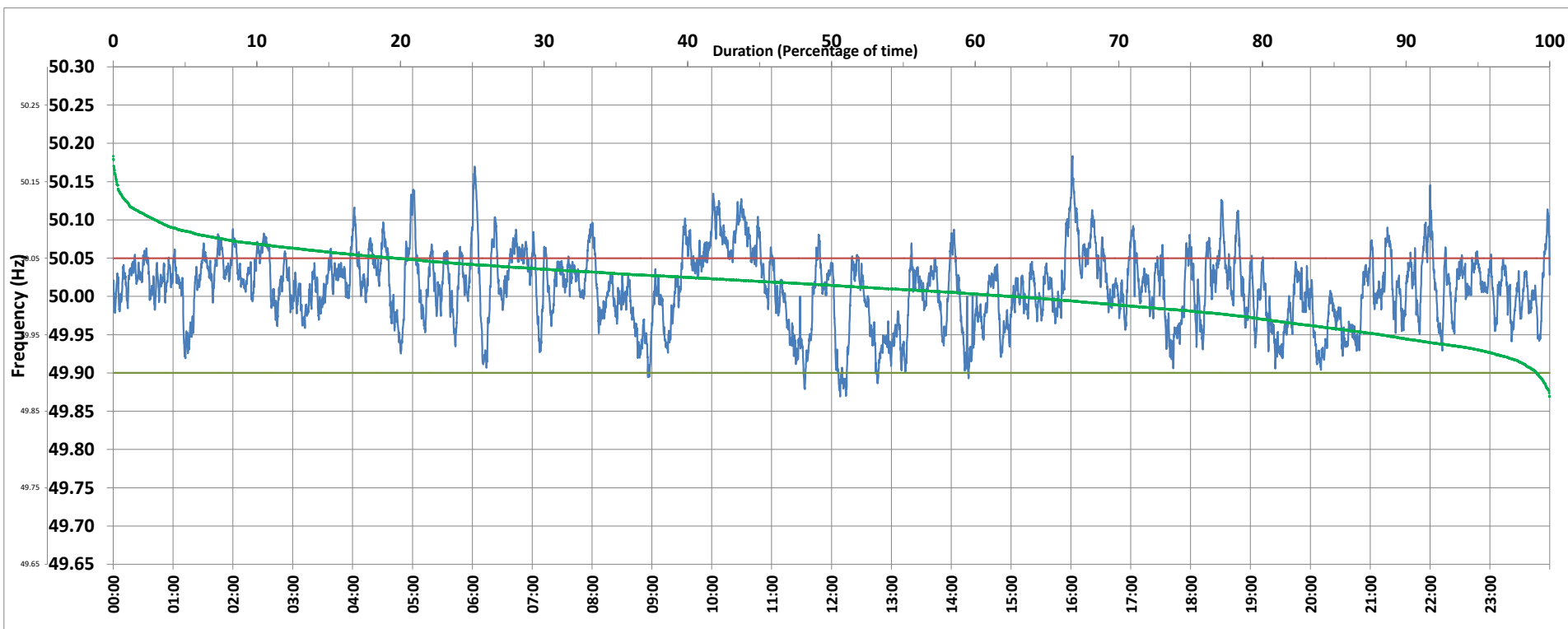


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 29-Apr-2020 (Wednesday)



<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	0.91	19.88	0.00	0.91	36.41	59.75	2.93	79.43	100.00	45.24	16.82	62.50	34.87	19.65	0.00	11.74	68.61	10.82

Average Frequency : 50.011	Frequency Variation Index : 0.0235	Standard Deviation : 0.0473	Mileage: 39.3	FDI: 20.6
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Instantaneous Frequency		
Max	50.183	16:01:30
Min	49.869	12:08:30

15 minute Average Frequency		
Max	50.096	10:15:00
Min	49.923	12:15:00

No. of excursions	
above 50.03 Hz	171
below 49.97 Hz	74
above 50.00 Hz	146
below 50.00 Hz	144

Average time freq per excursion remains	
below 49.97	0:03:52
above 50.03	0:02:56

No. of hours freq outside 49.9-50.05 Hz	4:56:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)