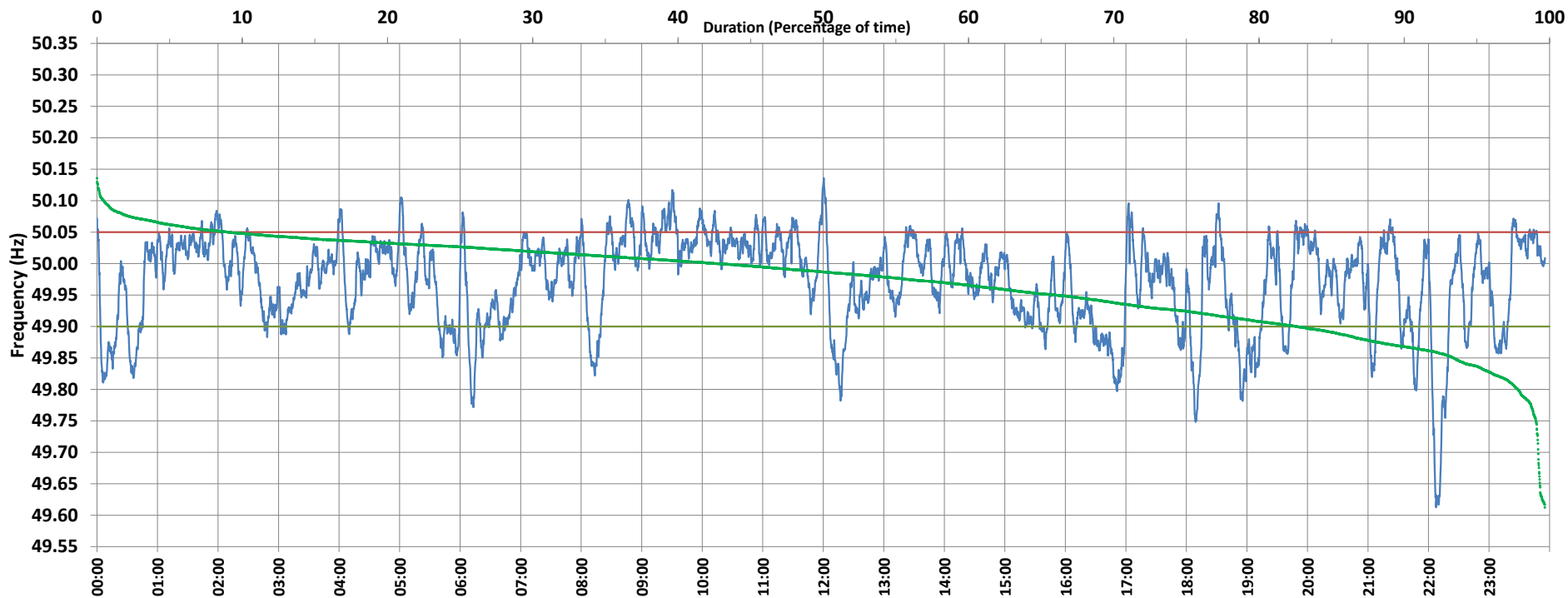


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-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
0.46	17.12	41.57	1.39	15.27	39.93	42.47	0.48	73.79	99.54	36.07	8.68	42.81	22.36	9.09	0.00	33.76	57.15	16.64

Average Frequency : 49.971	Frequency Variation Index : 0.0612	Standard Deviation : 0.0728	Mileage: 86.1	FDI: 26.2
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Instantaneous Frequency		
Max	50.136	12:00:20
Min	49.613	22:07:30

15 minute Average Frequency		
Max	50.061	9:30:00
Min	49.747	22:15:00

No. of excursions	
above 50.03 Hz	136
below 49.97 Hz	83
above 50.00 Hz	111
below 50.00 Hz	111

Average time freq per excursion remains	
below 49.97	0:07:13
above 50.03	0:02:22

No. of hours freq outside 49.9-50.05 Hz	6:17:28
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)