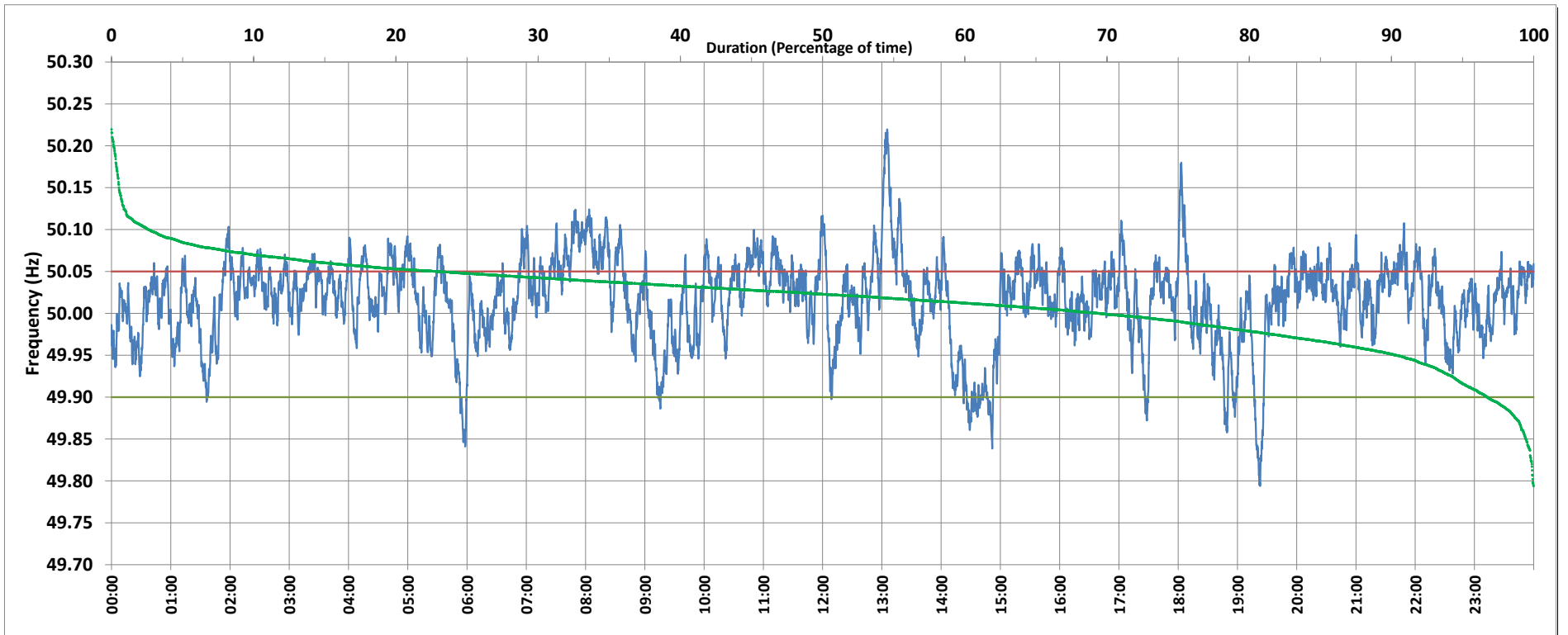


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Apr-2019 (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	3.24	16.37	0.07	3.17	27.25	66.90	2.47	73.85	99.85	40.90	20.37	69.44	42.73	22.91	0.15	9.63	67.47	6.39

Average Frequency : 50.016	Frequency Variation Index : 0.0284	Standard Deviation : 0.0508	Mileage: 47.6	FDI: 26.1
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Instantaneous Frequency		
Max	50.220	13:05:20
Min	49.794	19:22:50

15 minute Average Frequency		
Max	50.134	13:15:00
Min	49.886	19:30:00

No. of excursions	
above 50.03 Hz	233
below 49.97 Hz	91
above 50.00 Hz	175
below 50.00 Hz	175

Average time freq per excursion remains	
below 49.97	0:02:35
above 50.03	0:02:38

No. of hours freq outside 49.9-50.05 Hz	6:16:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)