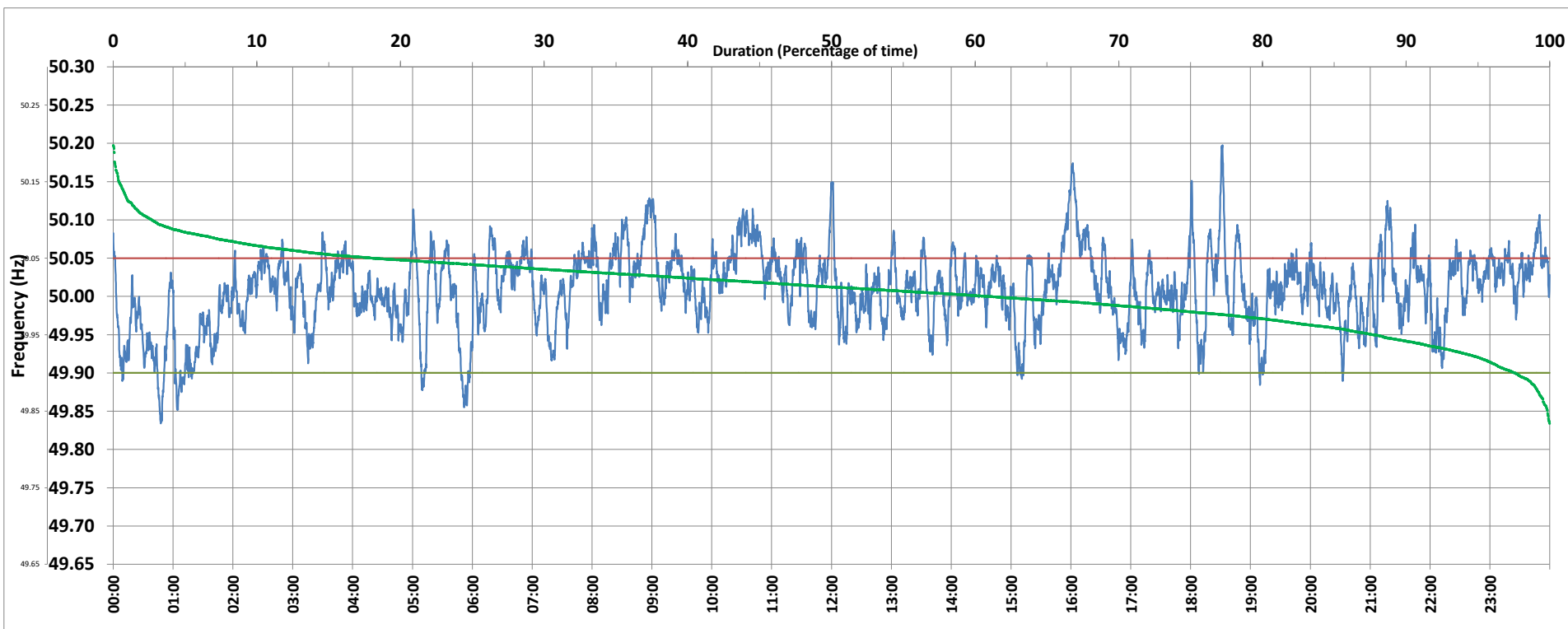


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Apr-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
0.00	2.41	19.66	0.00	2.41	36.54	58.36	2.70	79.50	100.00	45.57	15.45	60.89	34.77	18.09	0.00	12.23	69.68	9.83

Average Frequency : 50.009	Frequency Variation Index : 0.0255	Standard Deviation : 0.0498	Mileage: 40.9	FDI: 20.5
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Instantaneous Frequency		
Max	50.197	18:32:00
Min	49.834	0:47:40

15 minute Average Frequency		
Max	50.102	16:15:00
Min	49.901	6:00:00

No. of excursions	
above 50.03 Hz	170
below 49.97 Hz	101
above 50.00 Hz	167
below 50.00 Hz	166

Average time freq per excursion remains	
below 49.97	0:02:48
above 50.03	0:02:57

No. of hours freq outside 49.9-50.05 Hz	4:55:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)