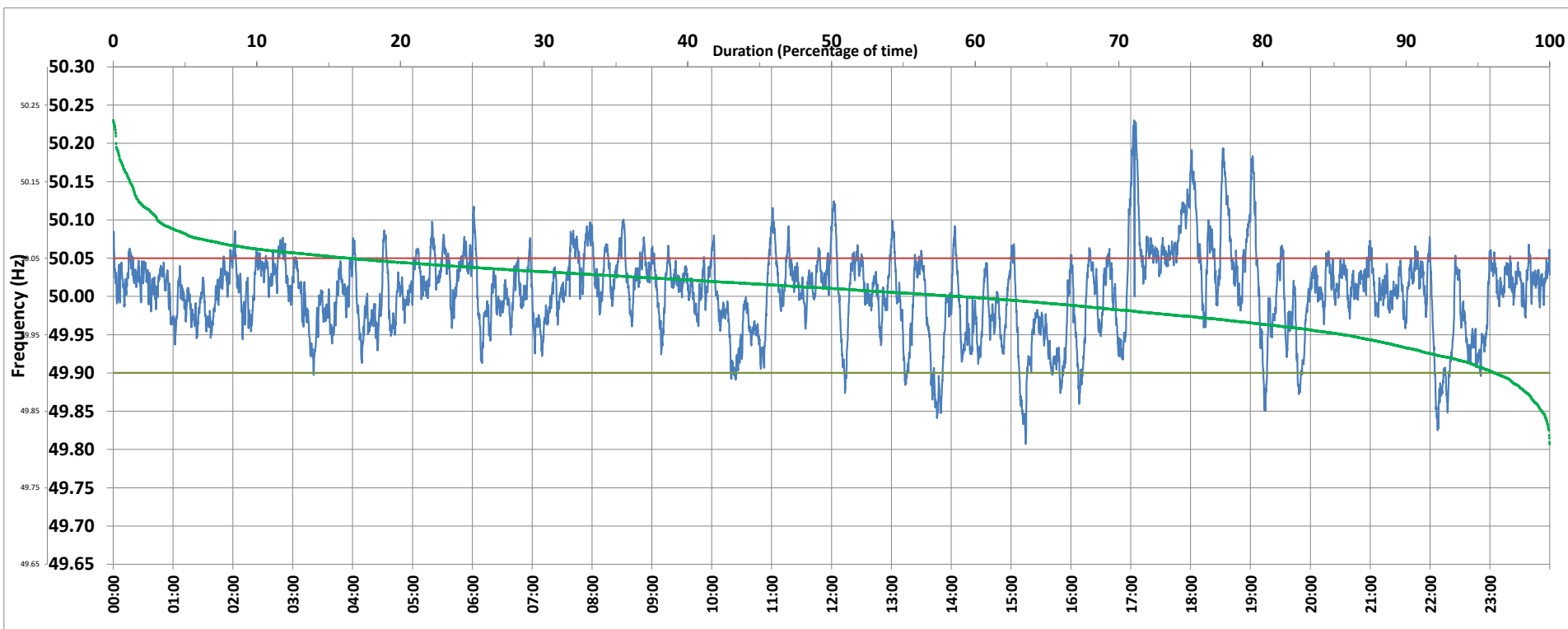


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-May-2020 (Thursday)



<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	3.82	22.88	0.00	3.82	37.20	55.91	2.86	79.80	99.79	45.03	13.34	58.78	32.08	16.38	0.21	14.35	69.27	10.53

Average Frequency : 50.005	Frequency Variation Index : 0.0297	Standard Deviation : 0.0542	Mileage: 42.4	FDI: 20.2
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Instantaneous Frequency		
Max	50.230	17:03:20
Min	49.807	15:14:40

15 minute Average Frequency		
Max	50.119	17:15:00
Min	49.906	22:15:00

No. of excursions	
above 50.03 Hz	194
below 49.97 Hz	100
above 50.00 Hz	161
below 50.00 Hz	161

Average time freq per excursion remains	
below 49.97	0:03:18
above 50.03	0:02:23

No. of hours freq outside 49.9-50.05 Hz	4:50:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)