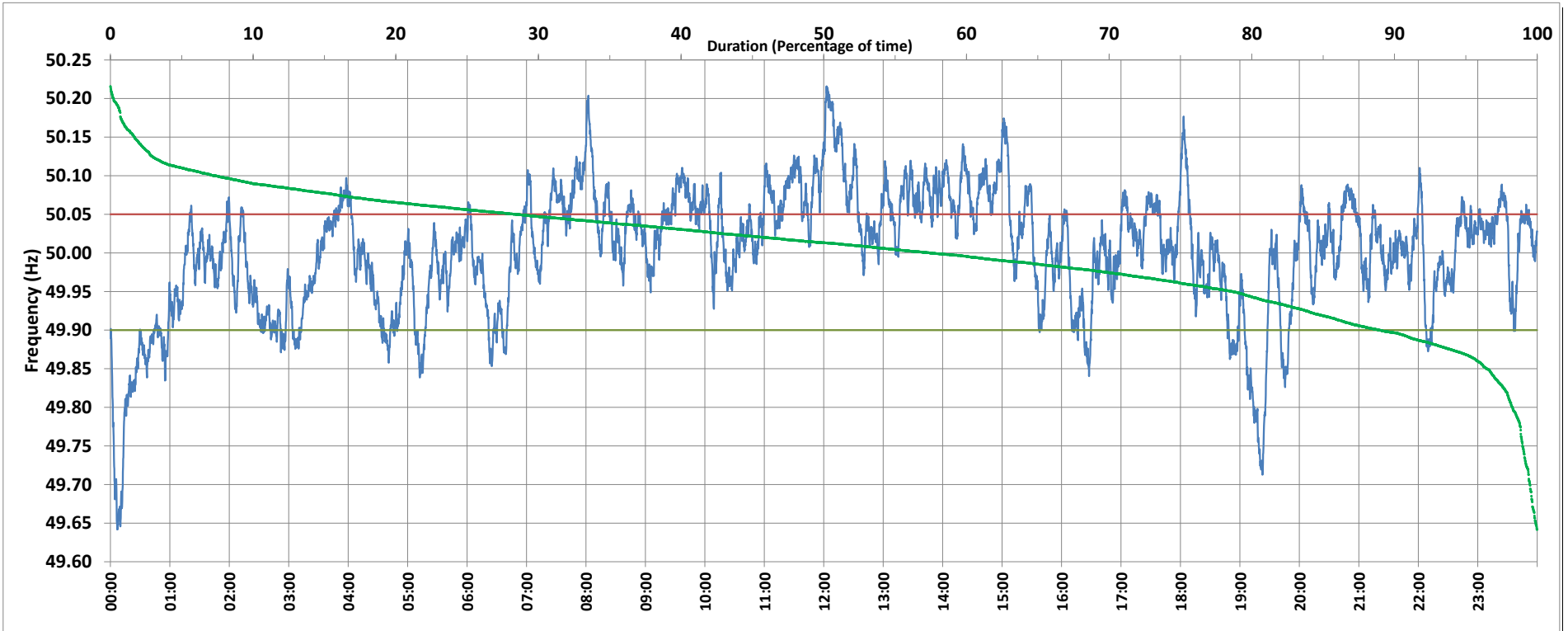


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Jul-2019 (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
0.51	11.02	28.24	1.22	9.29	31.46	50.10	7.20	60.54	99.27	31.39	21.11	57.45	40.37	28.44	0.22	21.32	50.24	10.30

Average Frequency : 50.003	Frequency Variation Index : 0.0632	Standard Deviation : 0.0795	Mileage: 43.4	FDI: 39.5
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Instantaneous Frequency		
Max	50.216	12:02:40
Min	49.642	0:06:50

15 minute Average Frequency		
Max	50.174	12:15:00
Min	49.729	0:15:00

No. of excursions	
above 50.03 Hz	117
below 49.97 Hz	82
above 50.00 Hz	127
below 50.00 Hz	124

Average time freq per excursion remains	
below 49.97	0:04:58
above 50.03	0:04:58

No. of hours freq outside 49.9-50.05 Hz	9:28:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)