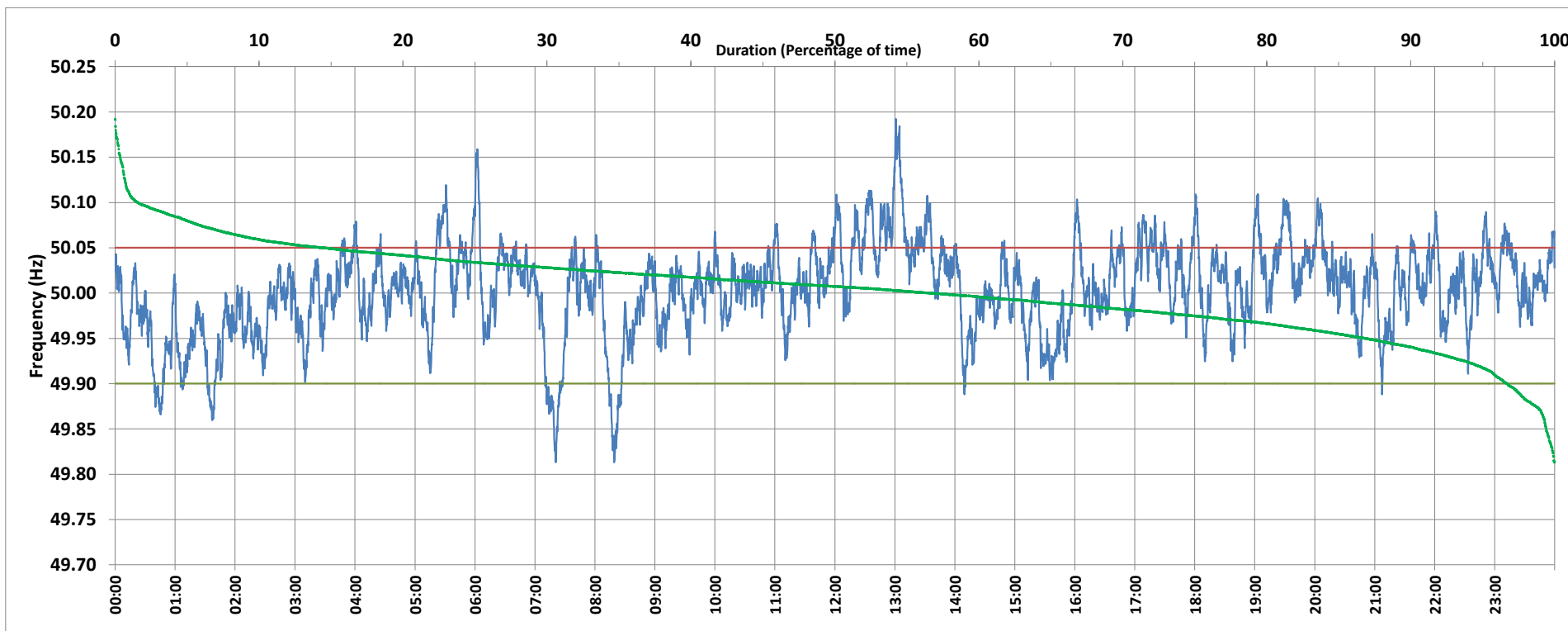


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 17-Jun-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
0.00	3.29	22.07	0.00	3.29	40.08	55.03	1.60	82.28	100.00	49.71	12.88	56.61	28.22	14.43	0.00	13.07	72.50	9.78

Average Frequency : 50.003	Frequency Variation Index : 0.0244	Standard Deviation : 0.0493	Mileage: 43.4	FDI: 17.7
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Instantaneous Frequency		
Max	50.192	13:01:00
Min	49.813	7:20:40

15 minute Average Frequency		
Max	50.106	13:15:00
Min	49.876	8:30:00

No. of excursions	
above 50.03 Hz	171
below 49.97 Hz	117
above 50.00 Hz	194
below 50.00 Hz	192

Average time freq per excursion remains	
below 49.97	0:02:43
above 50.03	0:02:23

No. of hours freq outside 49.9-50.05 Hz	4:15:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)