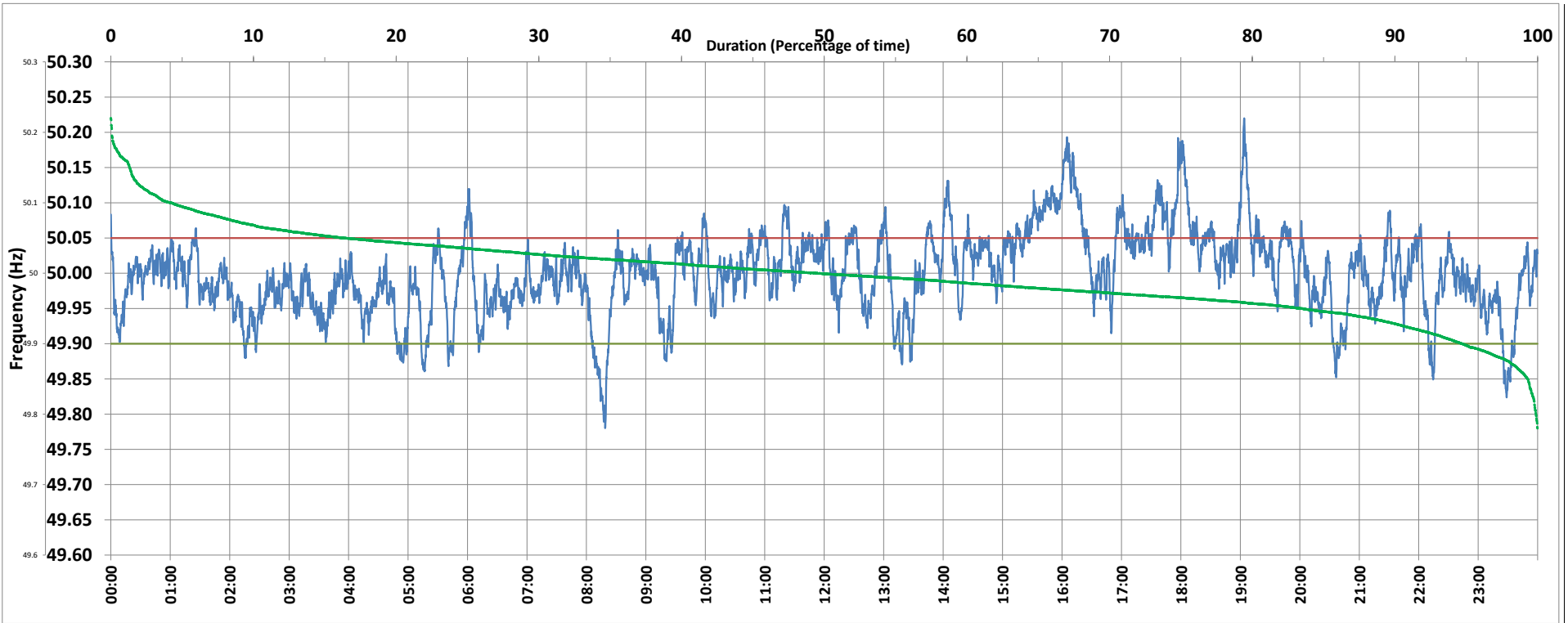


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 10-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	5.30	28.67	0.12	5.19	45.20	45.25	4.17	78.33	99.92	43.25	12.14	49.41	28.08	16.37	0.08	16.50	67.13	11.20

Average Frequency : 49.999	Frequency Variation Index : 0.0334	Standard Deviation : 0.0580	Mileage: 44.6	FDI: 21.7
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Instantaneous Frequency		
Max	50.220	19:03:50
Min	49.780	8:18:50

15 minute Average Frequency		
Max	50.150	16:15:00
Min	49.898	8:15:00

No. of excursions	
above 50.03 Hz	129
below 49.97 Hz	158
above 50.00 Hz	178
below 50.00 Hz	176

Average time freq per excursion remains	
below 49.97	0:02:37
above 50.03	0:03:08

No. of hours freq outside 49.9-50.05 Hz	5:12:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)