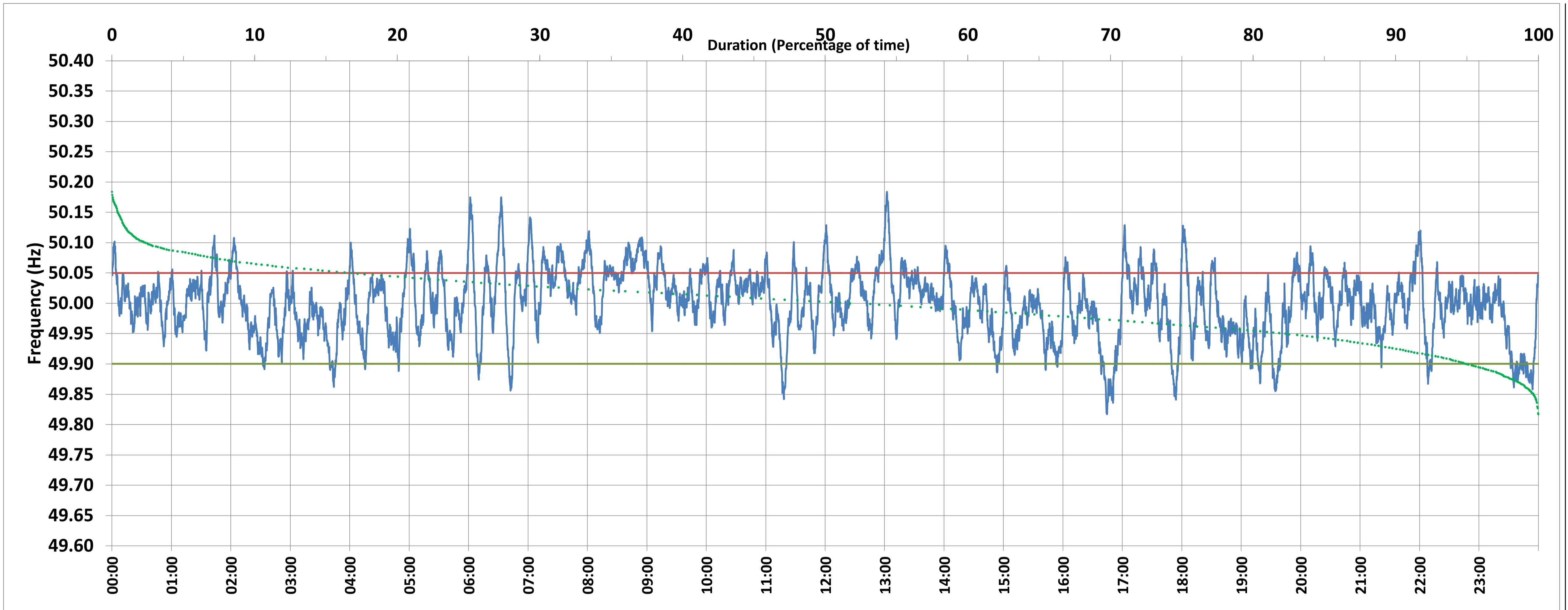


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 17-Feb-2021 (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	4.92	27.77	0.00	4.92	41.93	50.68	2.47	78.30	100.00	43.68	14.86	51.72	28.55	16.78	0.00	17.49	65.73	12.57

Average Frequency : 49.999	Frequency Variation Index : 0.0300	Standard Deviation : 0.0548	Mileage: 51.0	FDI: 21.7
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Instantaneous Frequency		
Max	50.184	13:02:10
Min	49.817	16:44:30

15 minute Average Frequency		
Max	50.081	9:00:00
Min	49.899	23:45:00

No. of excursions	
above 50.03 Hz	144
below 49.97 Hz	122
above 50.00 Hz	145
below 50.00 Hz	142

Average time freq per excursion remains	
below 49.97	0:03:17
above 50.03	0:02:51

No. of hours freq outside 49.9-50.05 Hz	5:12:30
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Source : SARUSUJAI:Frequency 10 Sec. (8640 samples)