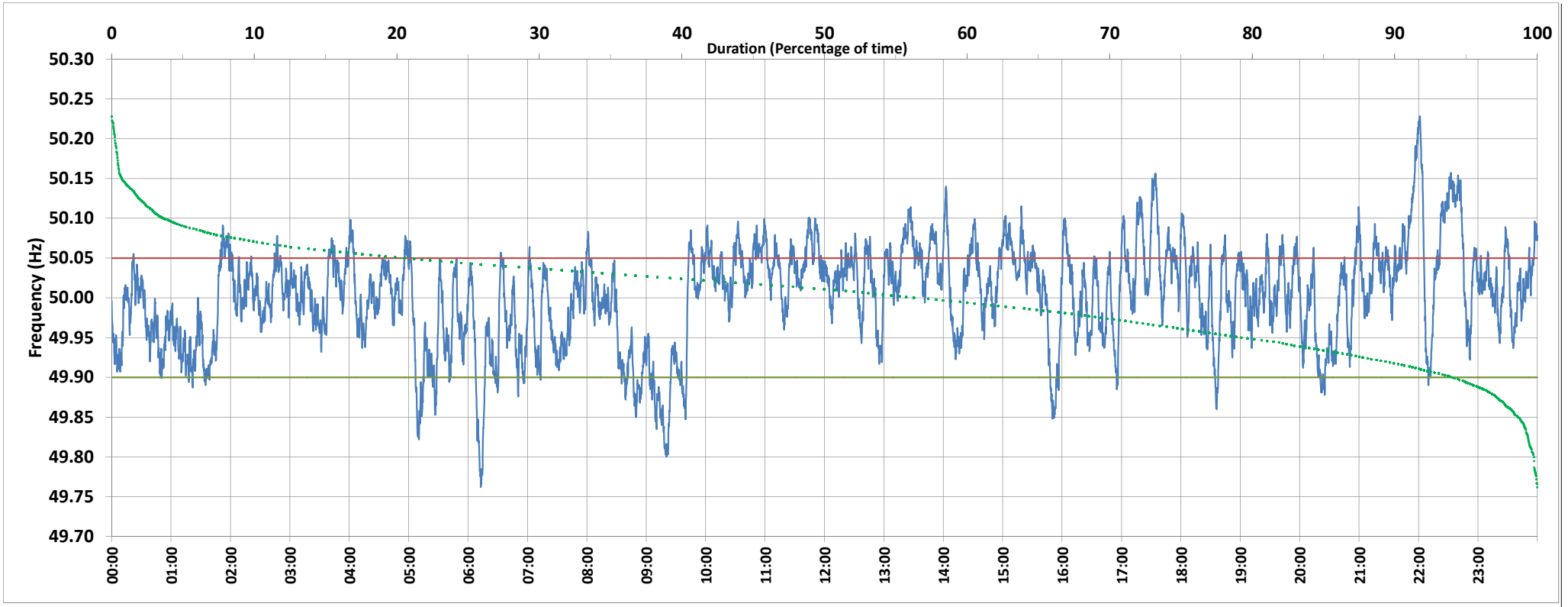


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 13-Jan-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	5.82	28.09	0.23	5.59	36.91	53.51	3.53	73.65	99.77	36.70	17.56	56.25	35.21	20.53	0.23	20.34	59.13	14.51

Average Frequency : 50.002	Frequency Variation Index : 0.0388	Standard Deviation : 0.0623	Mileage: 49.8	FDI: 26.4
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Instantaneous Frequency		
Max	50.228	22:01:10
Min	49.762	6:12:50

15 minute Average Frequency		
Max	50.130	22:45:00
Min	49.867	9:30:00

No. of excursions	
above 50.03 Hz	153
below 49.97 Hz	91
above 50.00 Hz	106
below 50.00 Hz	107

Average time freq per excursion remains	
below 49.97	0:04:27
above 50.03	0:03:19

No. of hours freq outside 49.9-50.05 Hz	
	6:19:30