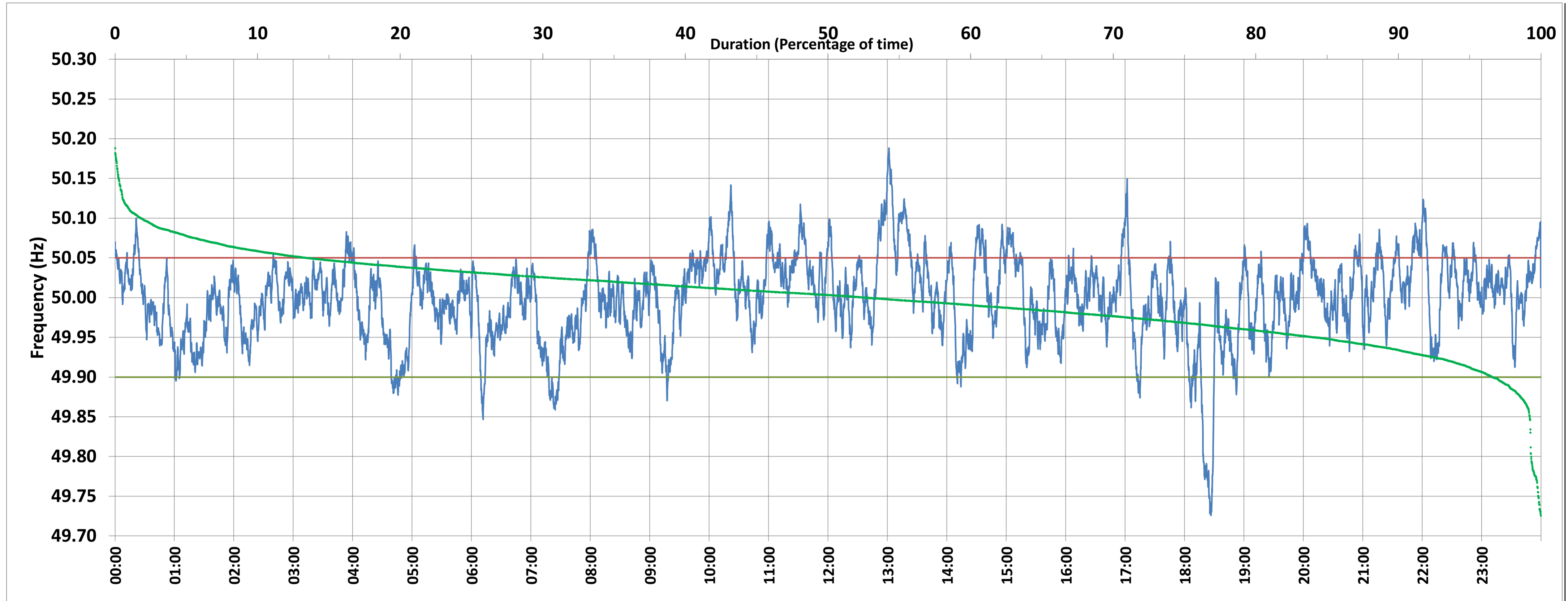


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Aug-2020 (Tuesday)



<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	3.39	25.87	0.69	2.70	43.88	50.89	1.84	83.11	100.00	47.50	11.74	52.66	26.63	13.50	0.00	15.79	70.72	12.40

Average Frequency : 49.999	Frequency Variation Index : 0.0275	Standard Deviation : 0.0524	Mileage: 46.1	FDI: 16.9
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Instantaneous Frequency		
Max	50.188	13:01:30
Min	49.726	18:26:50

15 minute Average Frequency		
Max	50.106	13:15:00
Min	49.808	18:30:00

No. of excursions	
above 50.03 Hz	152
below 49.97 Hz	127
above 50.00 Hz	192
below 50.00 Hz	194

Average time freq per excursion remains	
below 49.97	0:02:56
above 50.03	0:02:31

No. of hours freq outside 49.9-50.05 Hz	4:03:10
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)