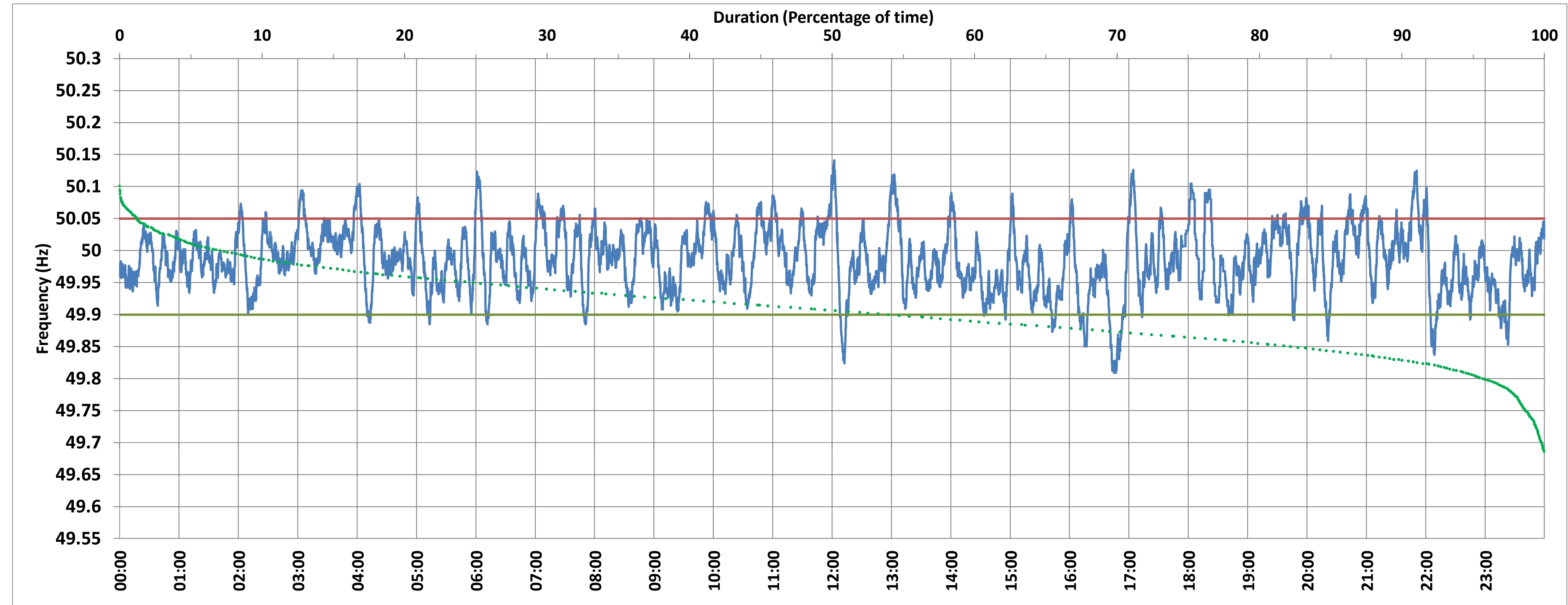


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



SOMANAHALLI:Frequency

National Grid Frequency Profile for 3-Feb-2018



<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
0.00	4.16	38.26	0.00	4.16	56.28	38.32	1.24	86.06	100.00	43.28	8.87	38.32	18.46	9.78	0.00

Average Frequency :	49.986	Frequency Variation Index :	0.028	Standard Deviation :	0.051	Mileage	44.81
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Instantaneous Frequency		
Max	50.141	12:02:00
Min	49.809	16:44:50

15 minute Average Frequency		
Max	50.064	22:00:00
Min	49.894	17:00:00

No. of excursions above 50.03 Hz	97
No. of excursions below 49.97 Hz	140
No. of excursions above 50.00 Hz	119
No. of excursions below 50.00 Hz	121

Average time freq remains below 49.97 per excursion	0:03:56	Average time frequency remains above 50.03 per excursion	0:02:44
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