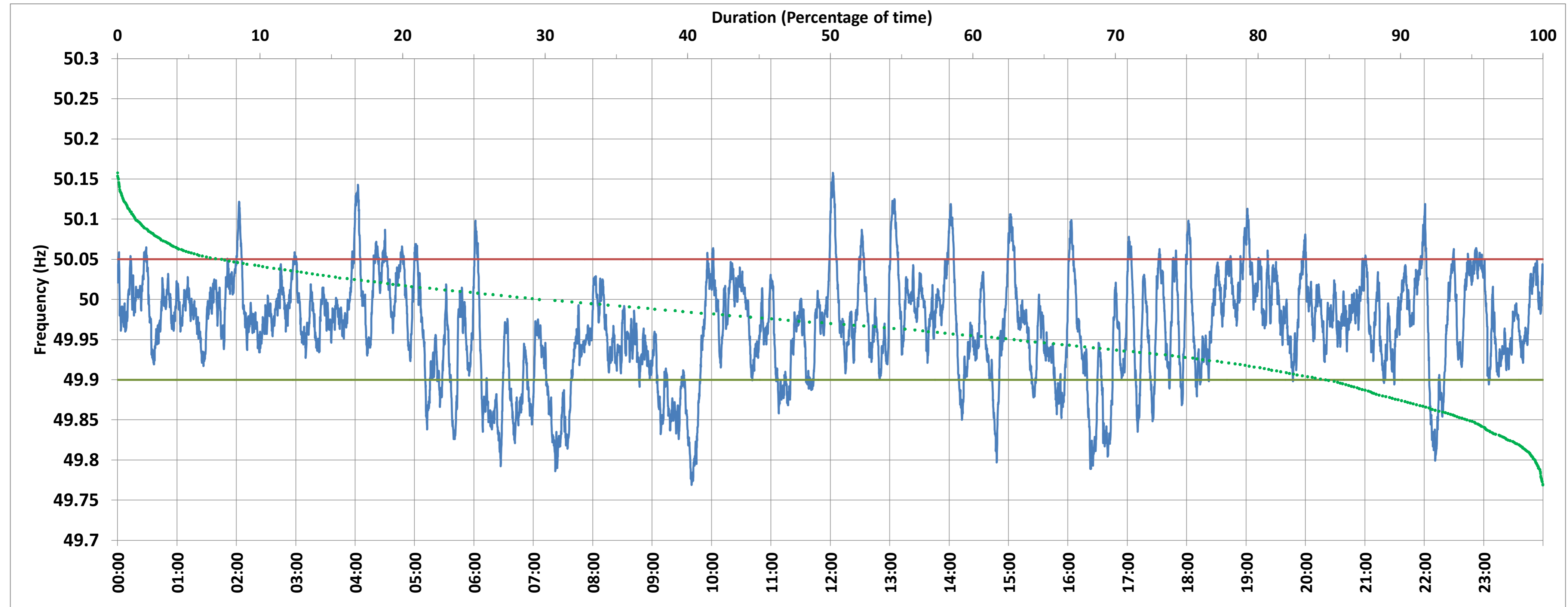


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 22-Dec-2017



<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	15.05	49.05	0.54	14.50	54.27	29.39	1.30	77.65	100.00	36.52	6.27	29.58	14.43	7.30	0.00

Average Frequency :	49.966	Frequency Variation Index :	0.052	Standard Deviation :	0.064
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Instantaneous Frequency		
Max	50.158	12:02:40
Min	49.769	9:39:50

15 minute Average Frequency		
Max	50.042	23:00:00
Min	49.832	9:45:00

No. of excursions above 50.03 Hz	82
No. of excursions below 49.97 Hz	148
No. of excursions above 50.00 Hz	104
No. of excursions below 50.00 Hz	104

Average time freq remains below 49.97 per excursion	0:04:46	Average time frequency remains above 50.03 per excursion	0:02:32
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