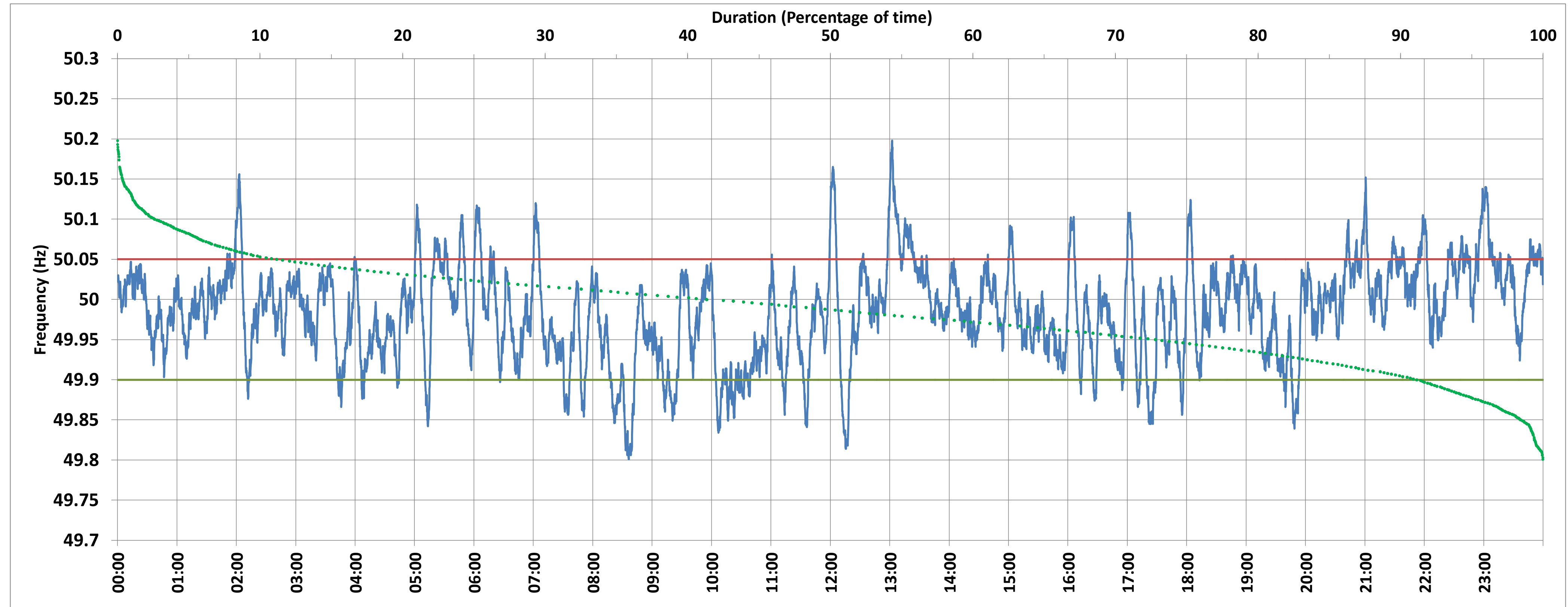


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 29-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	8.60	38.09	0.00	8.60	48.90	39.72	2.78	80.23	100.00	41.04	8.96	41.32	20.87	11.17	0.00

Average Frequency :	49.984	Frequency Variation Index :	0.039	Standard Deviation :	0.060
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Instantaneous Frequency		
Max	50.198	13:02:20
Min	49.801	8:36:20

15 minute Average Frequency		
Max	50.105	13:15:00
Min	49.859	8:45:00

No. of excursions above 50.03 Hz	109
No. of excursions below 49.97 Hz	129
No. of excursions above 50.00 Hz	112
No. of excursions below 50.00 Hz	99

Average time freq remains below 49.97 per excursion	0:04:15	Average time frequency remains above 50.03 per excursion	0:02:45
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