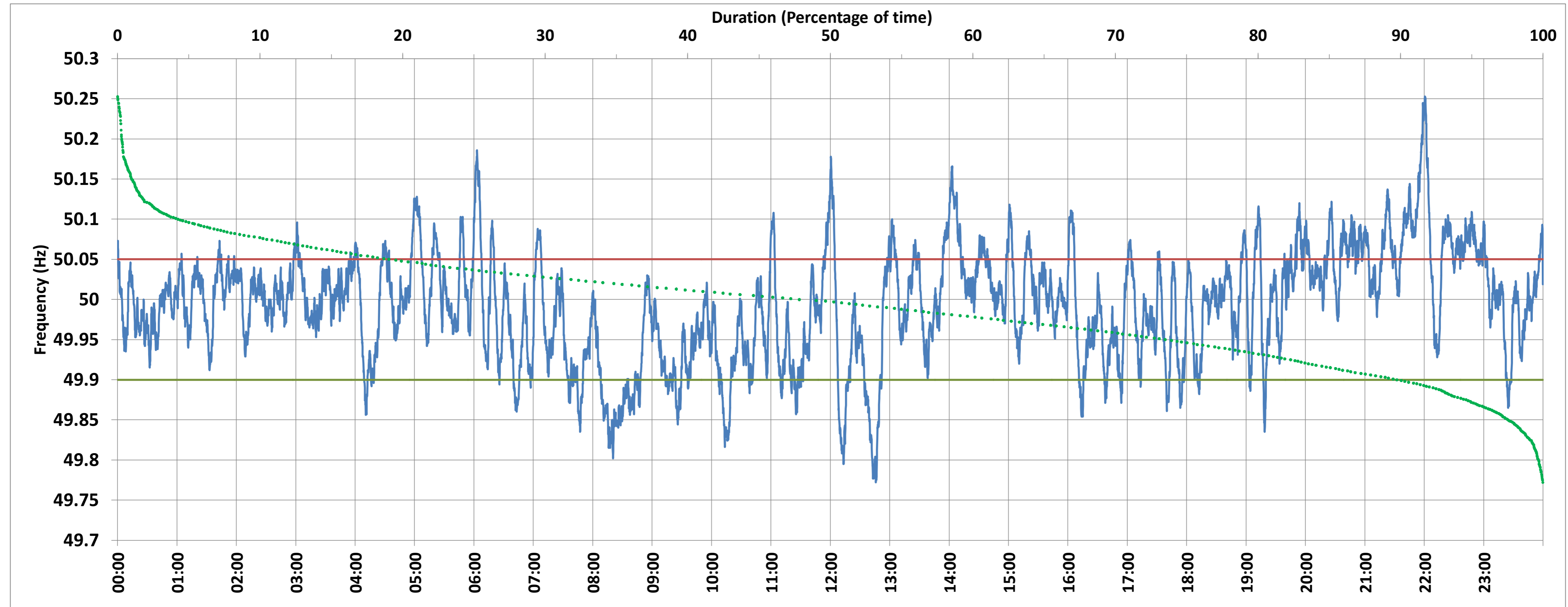


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 3-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	9.95	35.09	0.30	9.65	41.03	44.61	4.11	71.01	99.70	36.19	15.28	47.82	28.72	19.04	0.30

Average Frequency :	49.992	Frequency Variation Index :	0.048	Standard Deviation :	0.069
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Instantaneous Frequency			
Max	50.253	22:00:30	
Min	49.772	12:46:00	

15 minute Average Frequency			
Max	50.135	22:00:00	
Min	49.843	8:30:00	

No. of excursions above 50.03 Hz	105
No. of excursions below 49.97 Hz	96
No. of excursions above 50.00 Hz	111
No. of excursions below 50.00 Hz	109

Average time freq remains below 49.97 per excursion	0:05:16	Average time frequency remains above 50.03 per excursion	0:03:56
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