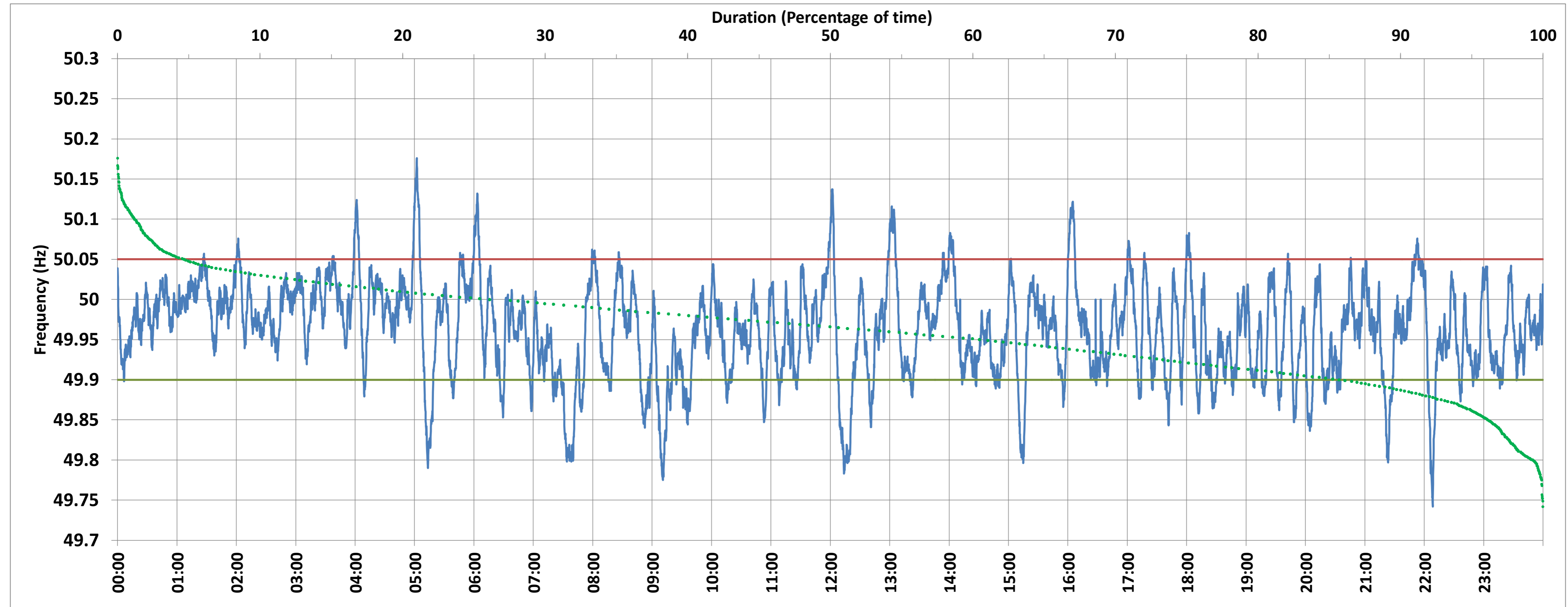


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 12-Jan-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	13.90	52.14	0.65	13.25	58.56	26.25	1.28	81.44	100.00	37.80	3.58	26.09	10.06	4.66	0.00

Average Frequency :	49.962	Frequency Variation Index :	0.050	Standard Deviation :	0.059
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Instantaneous Frequency		
Max	50.176	5:02:10
Min	49.742	22:08:30

15 minute Average Frequency		
Max	50.039	16:15:00
Min	49.840	7:45:00

No. of excursions above 50.03 Hz	75
No. of excursions below 49.97 Hz	131
No. of excursions above 50.00 Hz	109
No. of excursions below 50.00 Hz	109

Average time freq remains below 49.97 per excursion	0:05:44	Average time frequency remains above 50.03 per excursion	0:01:56
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