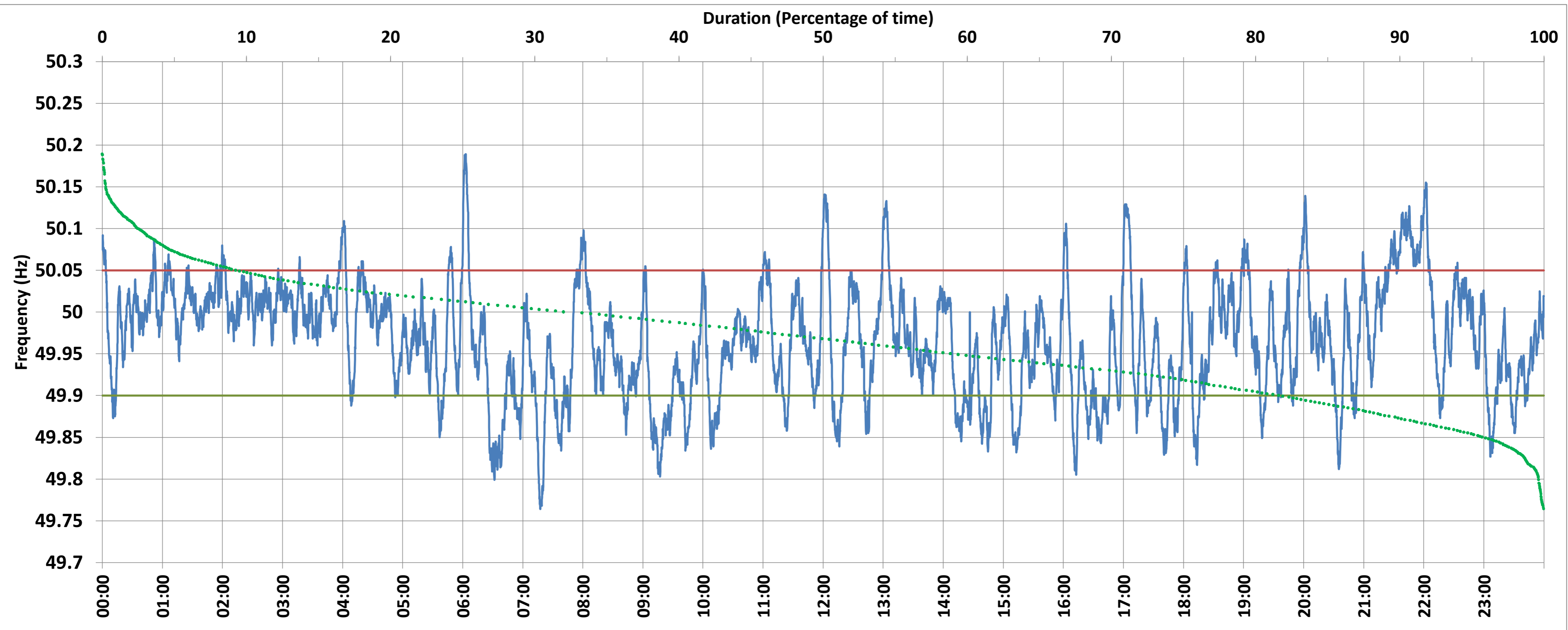


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 20-Nov-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	18.10	50.61	0.35	17.75	48.62	30.69	2.58	72.63	100.00	33.63	7.06	32.00	15.75	9.27	0.00

Average Frequency :	49.966	Frequency Variation Index :	0.057	Standard Deviation :	0.067
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Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz		86
Max	50.189	6:02:50	Max	50.088	21:45:00	No. of excursions below 49.97 Hz		110
Min	49.764	7:17:20	Min	49.849	6:45:00	No. of excursions above 50.00 Hz		88
						No. of excursions below 50.00 Hz		92

Average time freq remains below 49.97 per excursion	0:06:38	Average time frequency remains above 50.03 per excursion	0:02:38
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