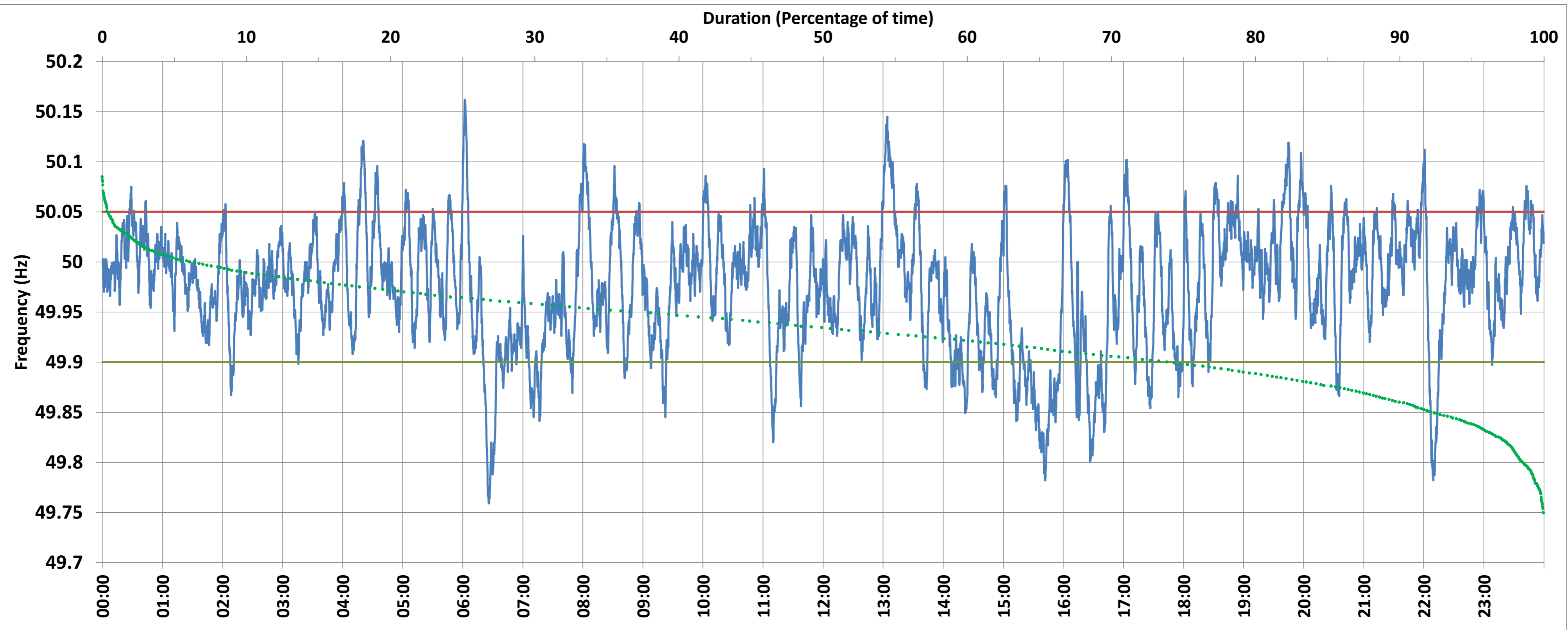


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 21-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	11.61	42.22	0.64	10.97	50.34	36.86	1.19	79.39	100.00	39.92	8.24	36.61	17.86	9.00	0.00

Average Frequency :	49.976	Frequency Variation Index :	0.043	Standard Deviation :	0.061
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Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz		99
Max	50.162	6:02:10	Max	50.082	13:15:00	No. of excursions below 49.97 Hz		140
Min	49.759	6:26:00	Min	49.829	15:45:00	No. of excursions above 50.00 Hz		124
					No. of excursions below 50.00 Hz		121	

Average time freq remains below 49.97 per excursion	0:04:21	Average time frequency remains above 50.03 per excursion	0:02:36
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