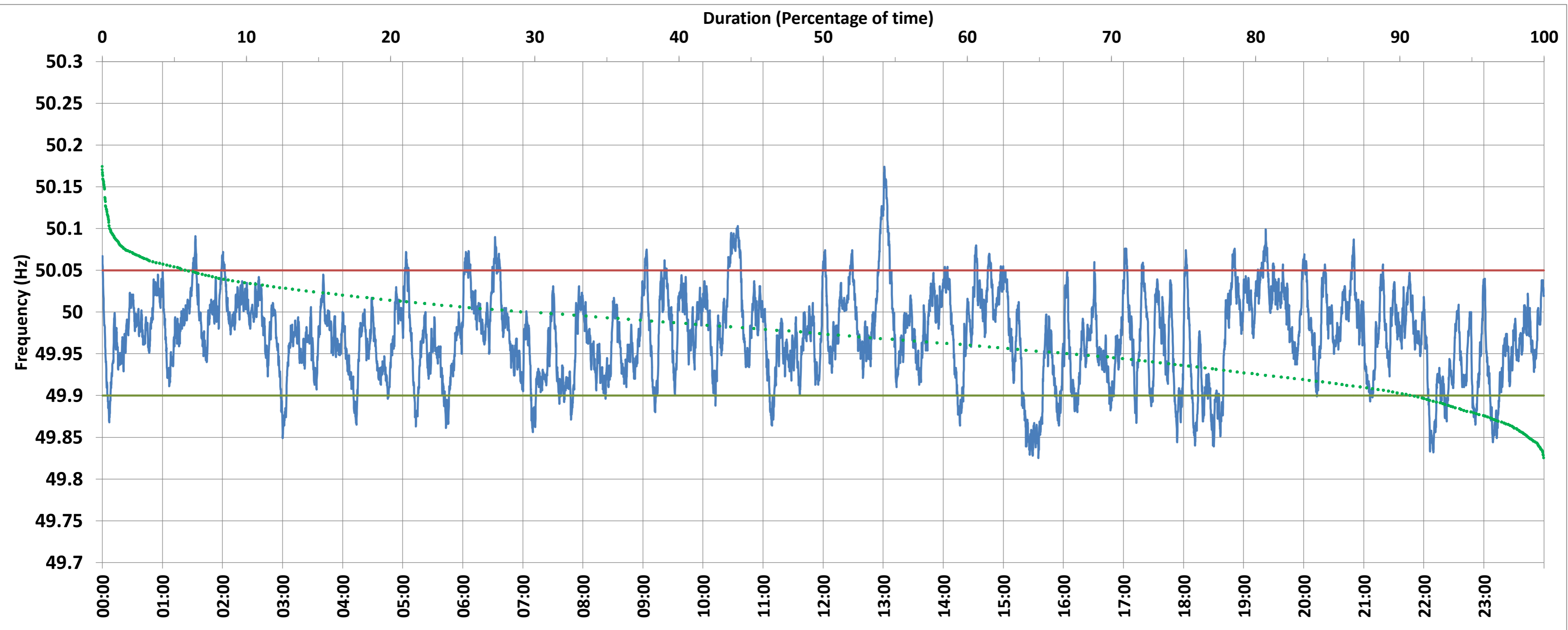


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 21-Oct-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	8.97	46.71	0.00	8.97	60.59	29.88	0.56	85.28	100.00	41.38	5.46	29.03	11.91	5.75	0.00

Average Frequency :	49.971	Frequency Variation Index :	0.035	Standard Deviation :	0.052
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Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz		103
Max	50.174	13:01:10	Max	50.044	19:30:00	No. of excursions below 49.97 Hz		163
Min	49.825	15:35:00	Min	49.886	15:30:00	No. of excursions above 50.00 Hz		123
						No. of excursions below 50.00 Hz		119

Average time freq remains below 49.97 per excursion	0:04:08	Average time frequency remains above 50.03 per excursion	0:01:40
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