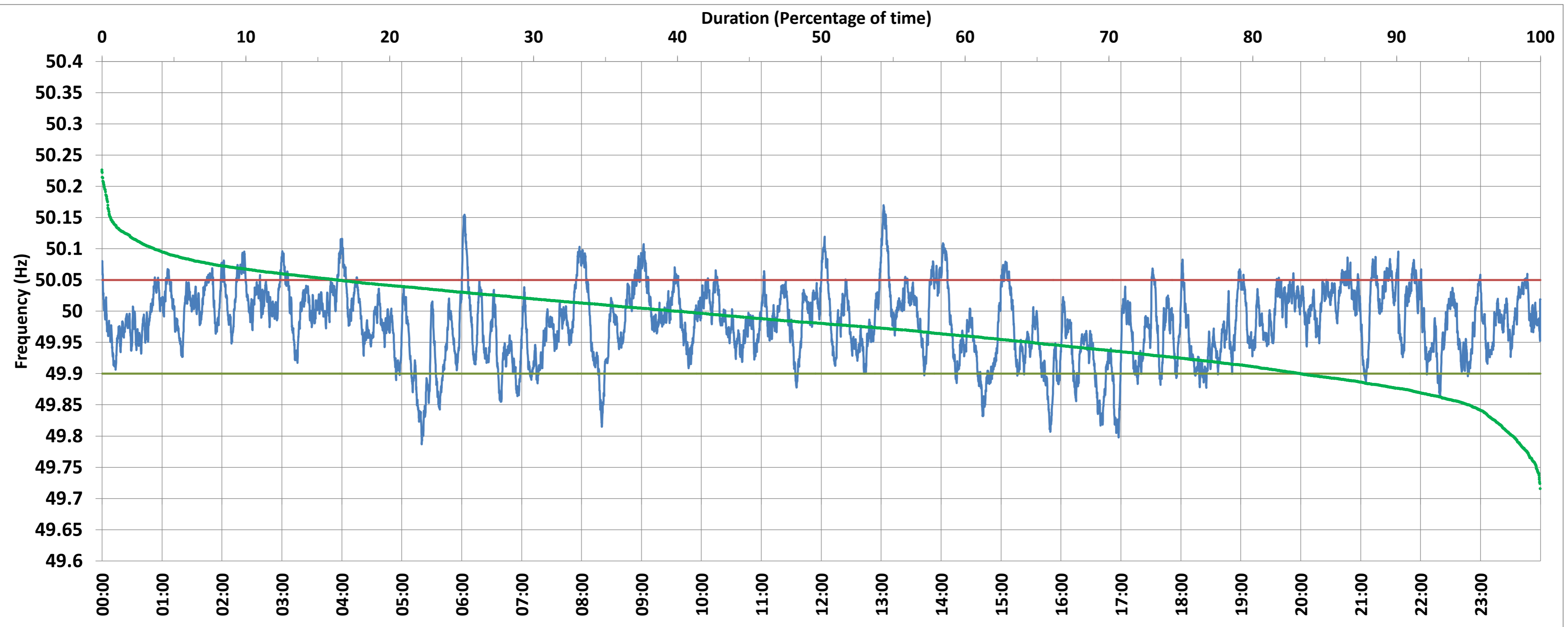


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 30-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	7.85	39.94	0.06	7.79	52.41	38.67	1.08	82.01	100.00	39.65	9.11	39.69	20.41	10.14	0.00

Average Frequency :	49.982	Frequency Variation Index :	0.036	Standard Deviation :	0.057
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Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz		134
Max	50.170	13:02:20	Max	50.064	13:15:00	No. of excursions below 49.97 Hz		141
Min	49.787	5:20:00	Min	49.858	5:30:00	No. of excursions above 50.00 Hz		165
						No. of excursions below 50.00 Hz		164

Average time freq remains below 49.97 per excursion	0:04:05	Average time frequency remains above 50.03 per excursion	0:02:12
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