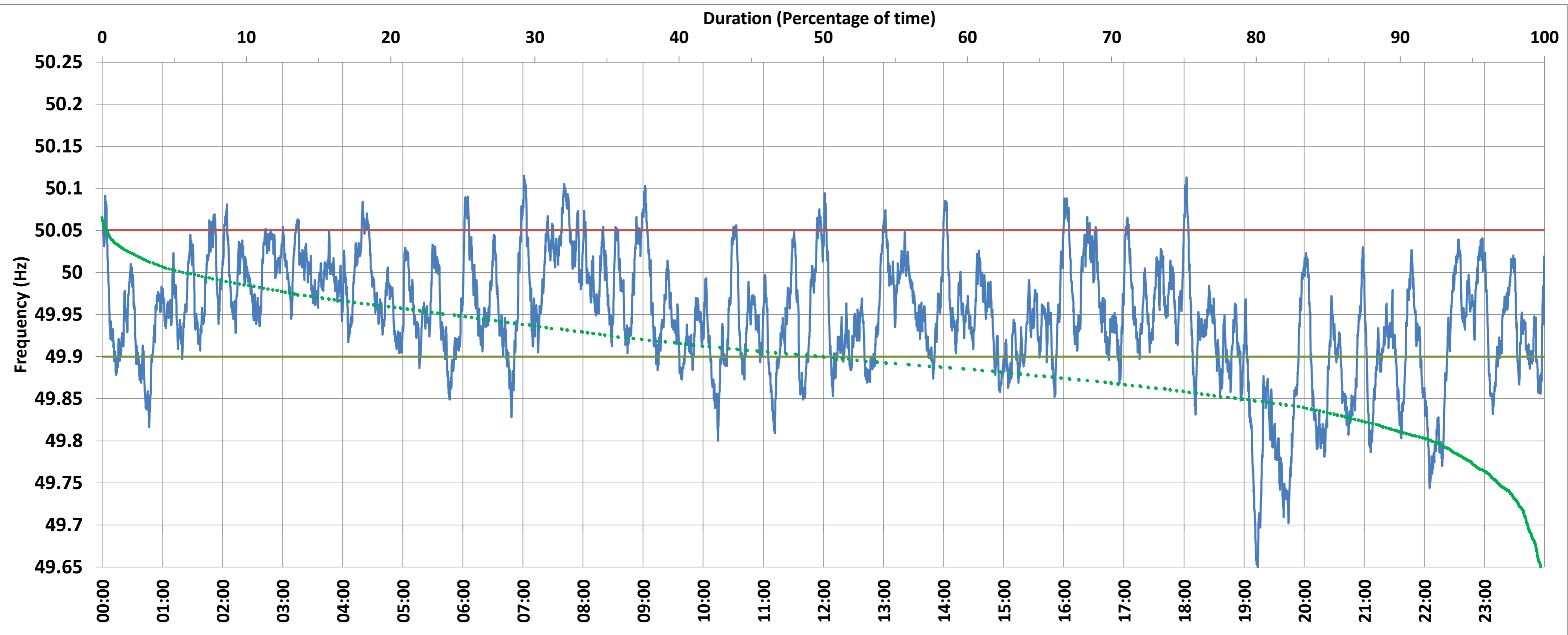


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 8-Aug-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
0.22	20.96	62.08	2.96	17.78	54.62	24.06	0.36	73.44	99.78	26.40	5.64	23.63	11.52	5.60	0.00

Average Frequency :	49.948	Frequency Variation Index :	0.076	Standard Deviation :	0.070
---------------------	--------	-----------------------------	-------	----------------------	-------

Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz		60
Max	50.115	7:01:10	Max	50.054	7:45:00	No. of excursions below 49.97 Hz		105
Min	49.649	19:13:40	Min	49.758	19:45:00	No. of excursions above 50.00 Hz		71
						No. of excursions below 50.00 Hz		75

Average time freq remains below 49.97 per excursion	0:08:31	Average time frequency remains above 50.03 per excursion	0:02:46
---	---------	--	---------