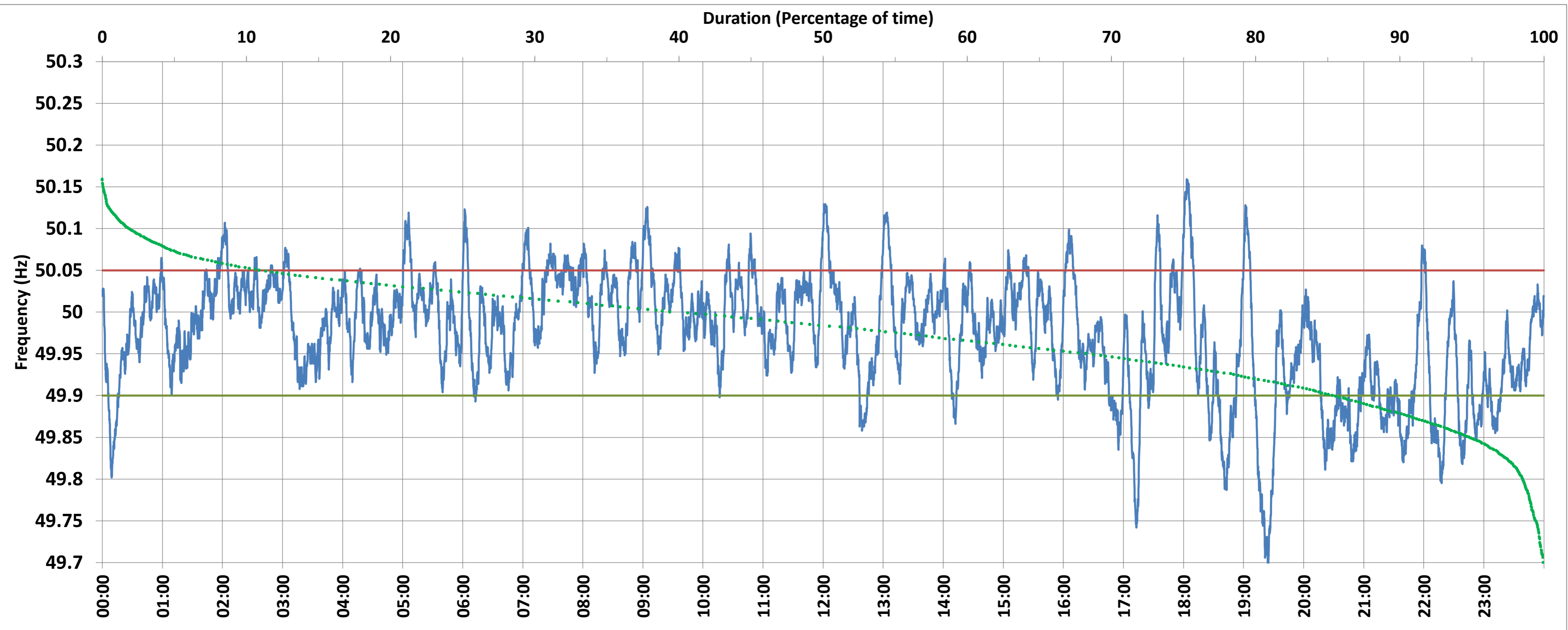


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 17-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
0.03	14.42	41.94	1.41	12.97	44.97	38.69	1.92	74.69	99.97	37.20	9.50	39.39	20.86	10.89	0.00

Average Frequency :	49.975	Frequency Variation Index :	0.054	Standard Deviation :	0.069
---------------------	--------	-----------------------------	-------	----------------------	-------

Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz		100
Max	50.159	18:03:10	Max	50.064	12:15:00	No. of excursions below 49.97 Hz		99
Min	49.688	19:24:30	Min	49.754	19:30:00	No. of excursions above 50.00 Hz		87
					No. of excursions below 50.00 Hz		96	

Average time freq remains below 49.97 per excursion	0:06:06	Average time frequency remains above 50.03 per excursion	0:03:00
---	---------	--	---------