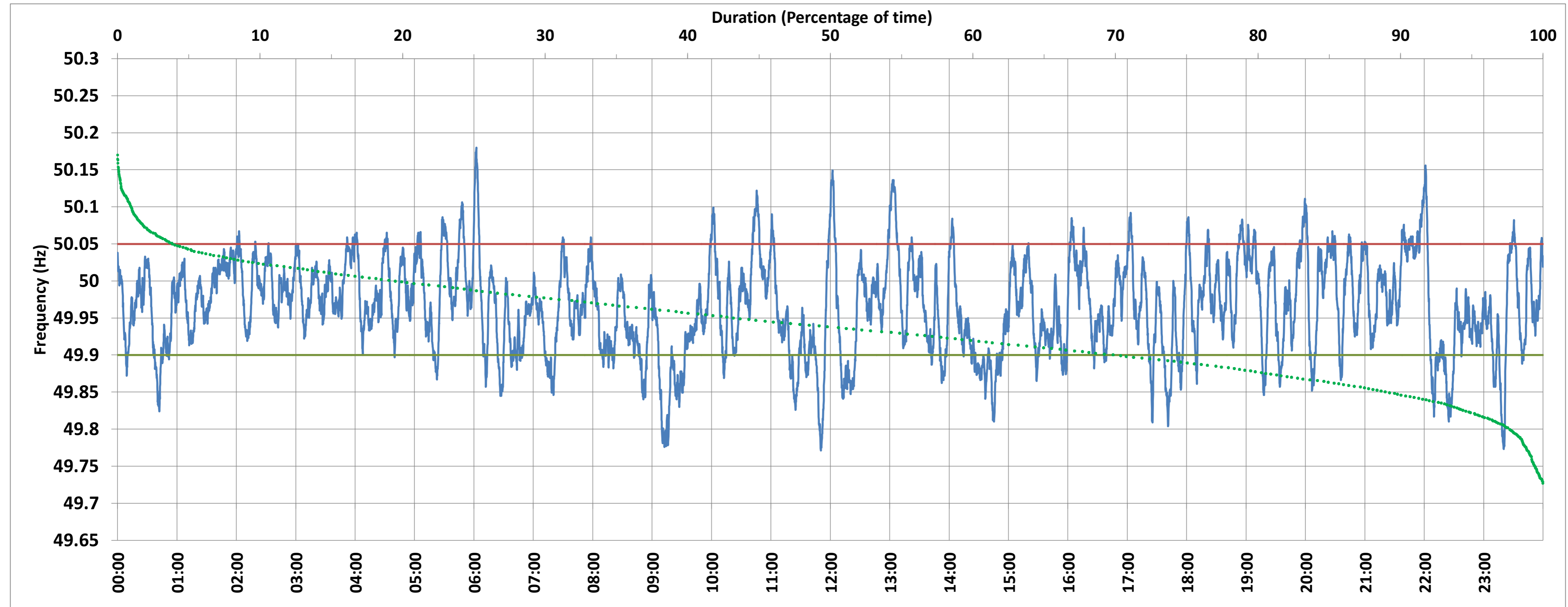


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



VIJAYAWADA:Frequency

National Grid Frequency Profile for 18-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	15.83	52.14	0.76	15.07	52.30	30.41	1.46	76.00	100.00	31.68	7.04	30.96	16.18	8.17	0.00

Average Frequency :	49.965	Frequency Variation Index :	0.053	Standard Deviation :	0.064
---------------------	--------	-----------------------------	-------	----------------------	-------

Instantaneous Frequency		
Max	50.180	6:02:20
Min	49.771	11:50:20

15 minute Average Frequency		
Max	50.063	22:00:00
Min	49.857	9:30:00

No. of excursions above 50.03 Hz	86
No. of excursions below 49.97 Hz	126
No. of excursions above 50.00 Hz	93
No. of excursions below 50.00 Hz	82

Average time freq remains below 49.97 per excursion	0:05:58	Average time frequency remains above 50.03 per excursion	0:02:43
---	---------	--	---------