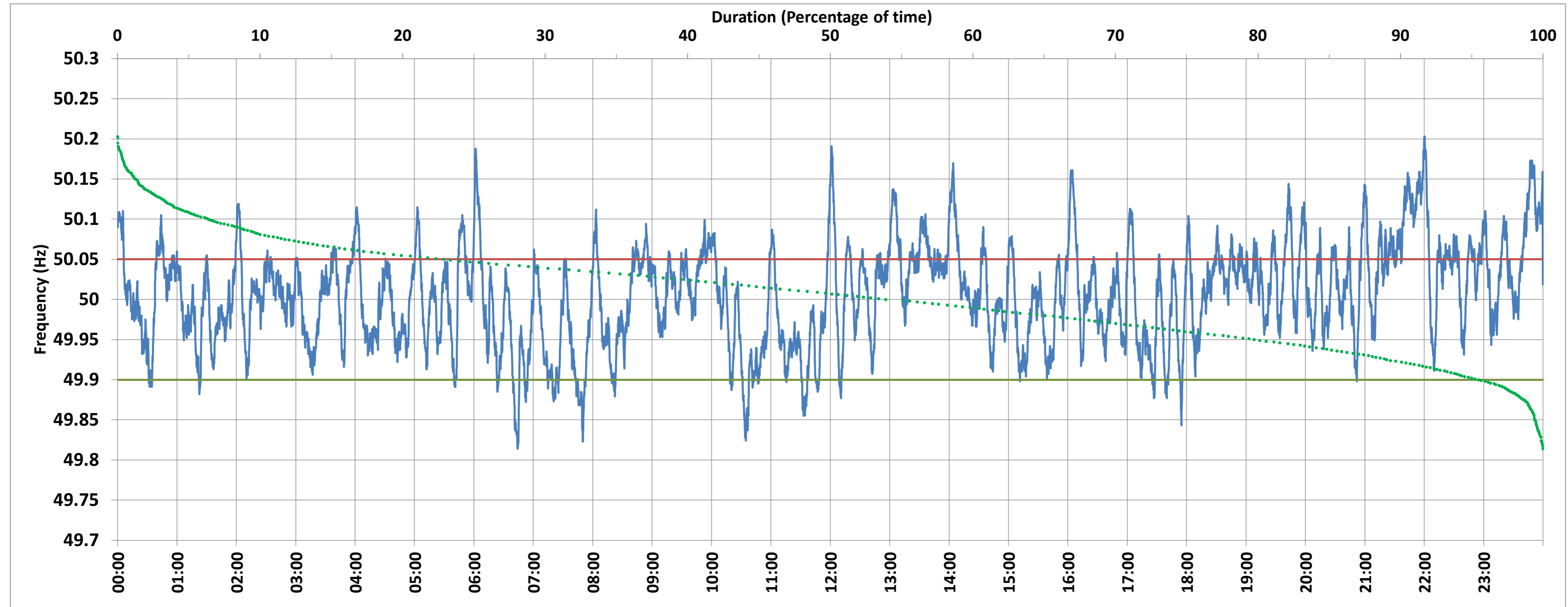


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 26-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	4.33	29.36	0.00	4.33	40.59	48.58	6.47	72.78	99.97	34.11	16.97	53.89	36.53	22.89	0.03

Average Frequency :	50.005	Frequency Variation Index :	0.039	Standard Deviation :	0.062
---------------------	--------	-----------------------------	-------	----------------------	-------

Instantaneous Frequency		
Max	50.203	22:00:00
Min	49.814	6:44:00

15 minute Average Frequency		
Max	50.131	22:00:00
Min	49.889	10:45:00

No. of excursions above 50.03 Hz	128
No. of excursions below 49.97 Hz	103
No. of excursions above 50.00 Hz	89
No. of excursions below 50.00 Hz	85

Average time freq remains below 49.97 per excursion	0:04:06	Average time frequency remains above 50.03 per excursion	0:04:07
---	---------	--	---------