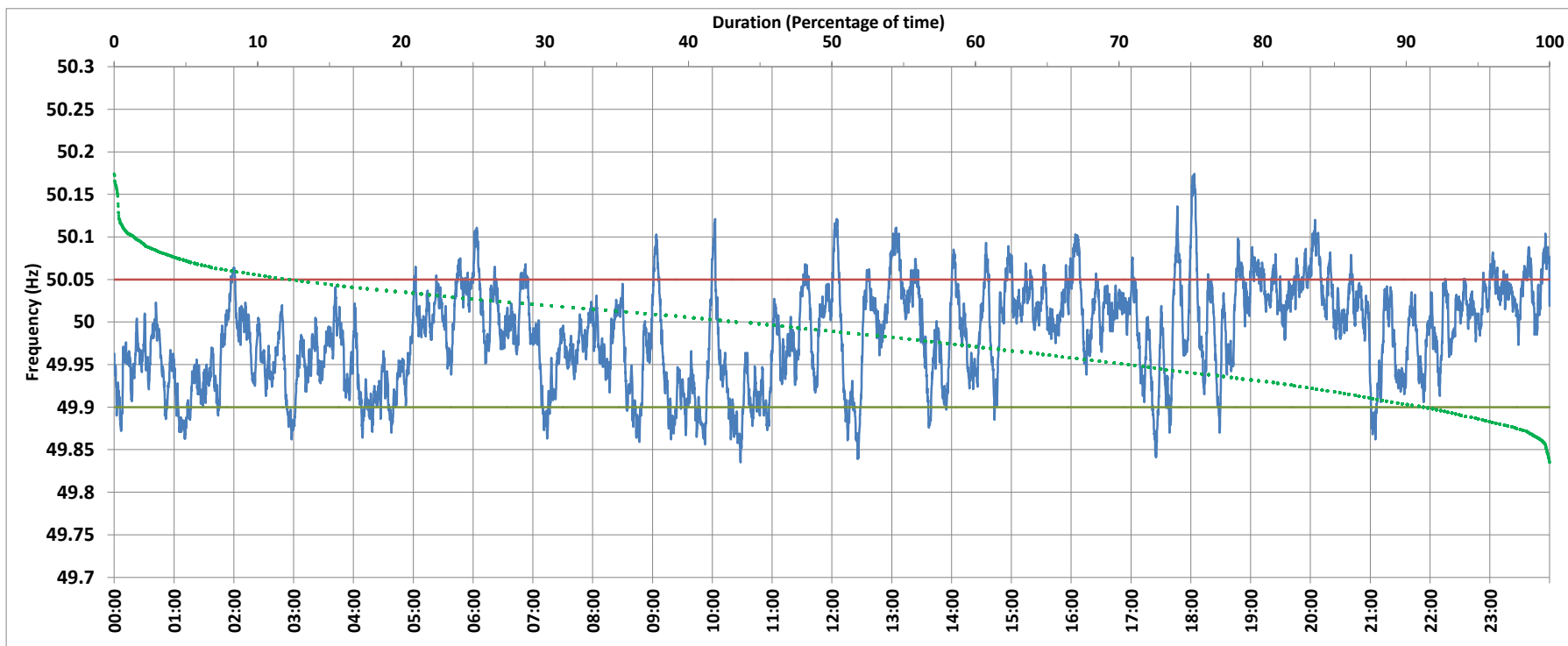


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 8/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	8.48	38.97	0.00	8.48	47.19	42.89	1.44	79.31	100.00	38.01	11.34	43.31	23.02	12.21	0.00

Average Frequency :	49.985	Frequency Variation Index :	0.035	Standard Deviation :	0.057
---------------------	--------	-----------------------------	-------	----------------------	-------

Instantaneous Frequency		
Max	50.174	18:03:30
Min	49.835	10:28:20

15 minute Average Frequency		
Max	50.070	20:15:00
Min	49.879	10:30:00

No. of excursions above 50.03 Hz	119
No. of excursions below 49.97 Hz	84
No. of excursions above 50.00 Hz	96
No. of excursions below 50.00 Hz	97

Average time freq remains below 49.97 per excursion	0:06:41	Average time frequency remains above 50.03 per excursion	0:02:47
---	---------	--	---------