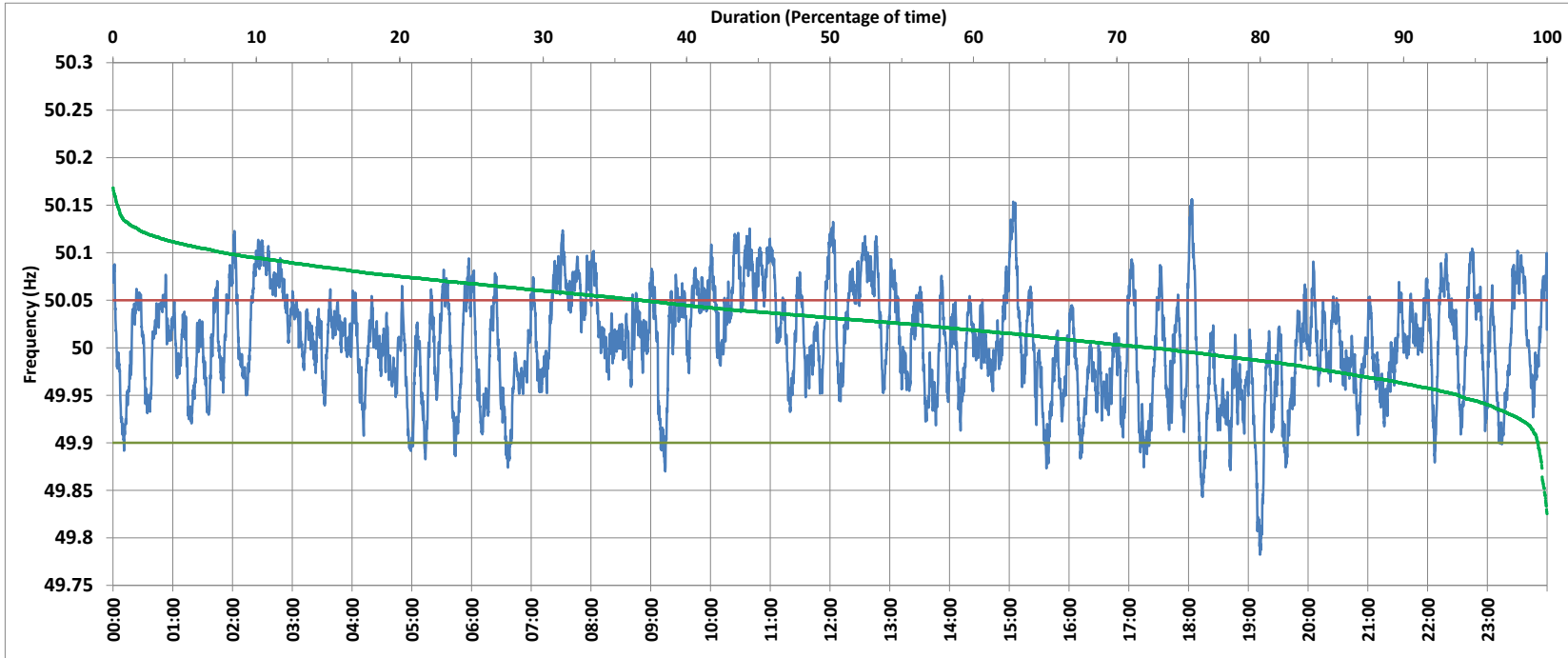


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



VIJAYAWADA:Frequency

National Grid Frequency Profile for 14-Jul-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	3.07	26.02	0.10	2.96	41.38	52.45	3.10	74.17	100.00	38.80	19.73	55.47	35.19	22.77	0.00

Average Frequency :	50.01	Frequency Variation Index :	0.031	Standard Deviation :	0.055
---------------------	-------	-----------------------------	-------	----------------------	-------

Instantaneous Frequency		
Max	50.16	18:03:30
Min	49.78	19:11:40

15 minute Average Frequency		
Max	50.086	12:45:00
Min	49.889	19:15:00

No. of excursions above 50.03 Hz	142
No. of excursions below 49.97 Hz	131
No. of excursions above 50.00 Hz	169
No. of excursions below 50.00 Hz	166

Average time freq remains below 49.97 per excursion	0:02:52	Average time frequency remains above 50.03 per excursion	0:03:34
---	---------	--	---------