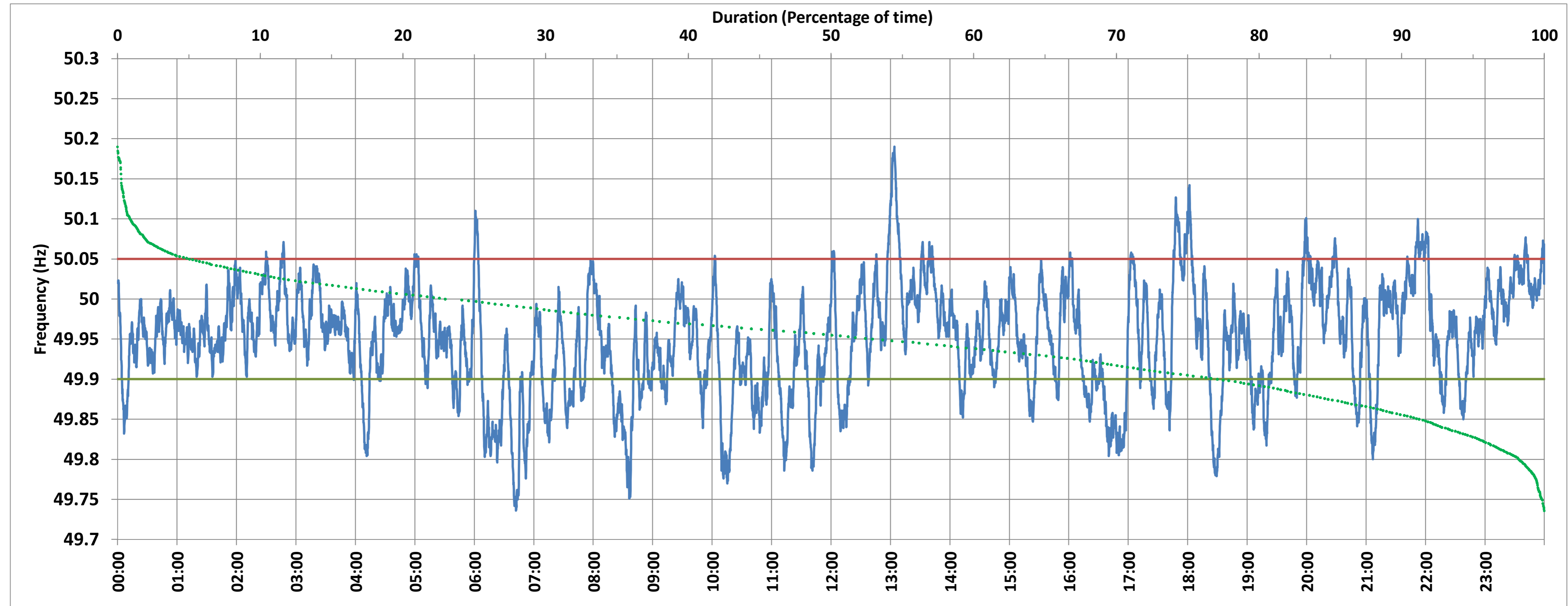


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



VIJAYAWADA:Frequency

National Grid Frequency Profile for 9-Feb-2018



<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	22.52	59.92	1.75	20.78	53.37	23.21	0.90	72.44	100.00	29.98	4.40	22.96	10.10	5.03	0.00

Average Frequency :	49.949	Frequency Variation Index :	0.072	Standard Deviation :	0.068	Mileage	47.02
---------------------	--------	-----------------------------	-------	----------------------	-------	---------	-------

Instantaneous Frequency		
Max	50.190	13:03:50
Min	49.736	6:42:00

15 minute Average Frequency		
Max	50.080	13:15:00
Min	49.835	6:30:00

No. of excursions above 50.03 Hz	60
No. of excursions below 49.97 Hz	121
No. of excursions above 50.00 Hz	76
No. of excursions below 50.00 Hz	73

Average time freq remains below 49.97 per excursion	0:07:08	Average time frequency remains above 50.03 per excursion	0:02:25
---	---------	--	---------