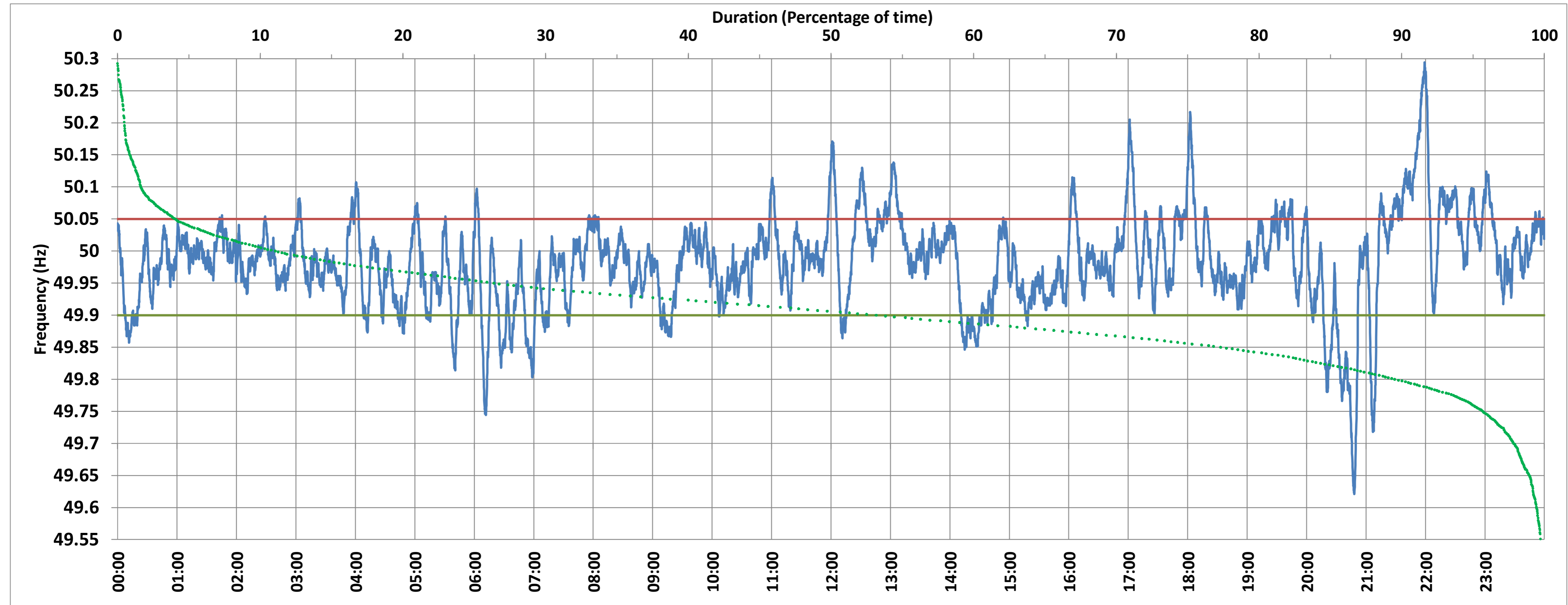


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



VIJAYAWADA:Frequency

National Grid Frequency Profile for 31-Jan-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
0.27	10.23	39.66	1.33	8.63	49.79	35.86	3.55	75.98	99.17	38.38	10.15	38.74	21.96	13.78	0.57

Average Frequency :	49.983	Frequency Variation Index :	0.055	Standard Deviation :	0.072	Positive Mileage(Above>50)	160.77
						Negative Mileage(Below<50)	308.04

Instantaneous Frequency		
Max	50.294	21:59:00
Min	49.621	20:48:10

15 minute Average Frequency		
Max	50.182	22:00:00
Min	49.811	20:45:00

No. of excursions above 50.03 Hz	81
No. of excursions below 49.97 Hz	127
No. of excursions above 50.00 Hz	106
No. of excursions below 50.00 Hz	106

Average time freq remains below 49.97 per excursion	0:04:30	Average time frequency remains above 50.03 per excursion	0:03:54
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