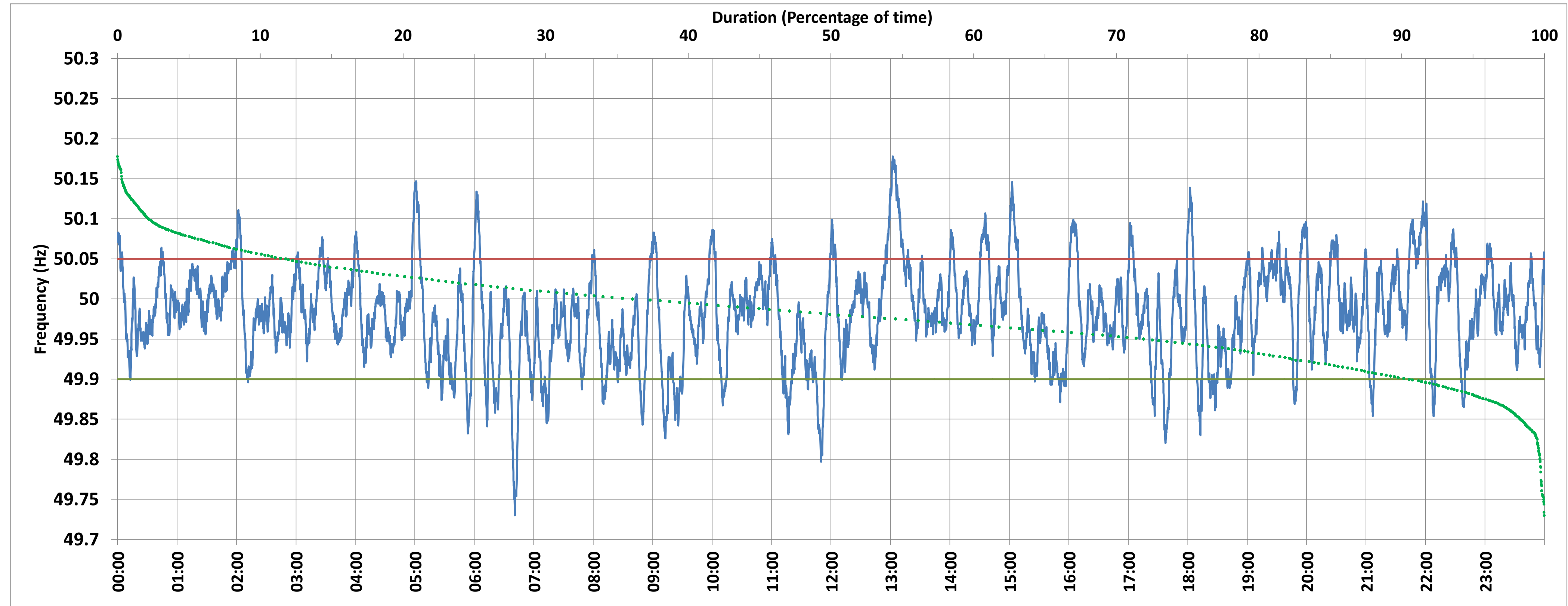


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



VIJAYAWADA:Frequency

National Grid Frequency Profile for 29-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
0.00	9.25	40.96	0.30	8.95	53.45	35.07	2.23	78.97	100.00	39.95	9.78	36.06	19.09	11.78	0.00

Average Frequency :	49.981	Frequency Variation Index :	0.039	Standard Deviation :	0.060	Positive Mileage(Above>50)	128.53
						Negative Mileage(Below<50)	294.98

Instantaneous Frequency		
Max	50.178	13:02:20
Min	49.730	6:41:00

15 minute Average Frequency		
Max	50.115	13:15:00
Min	49.884	6:45:00

No. of excursions above 50.03 Hz	82
No. of excursions below 49.97 Hz	143
No. of excursions above 50.00 Hz	113
No. of excursions below 50.00 Hz	106

Average time freq remains below 49.97 per excursion	0:04:07	Average time frequency remains above 50.03 per excursion	0:03:21
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