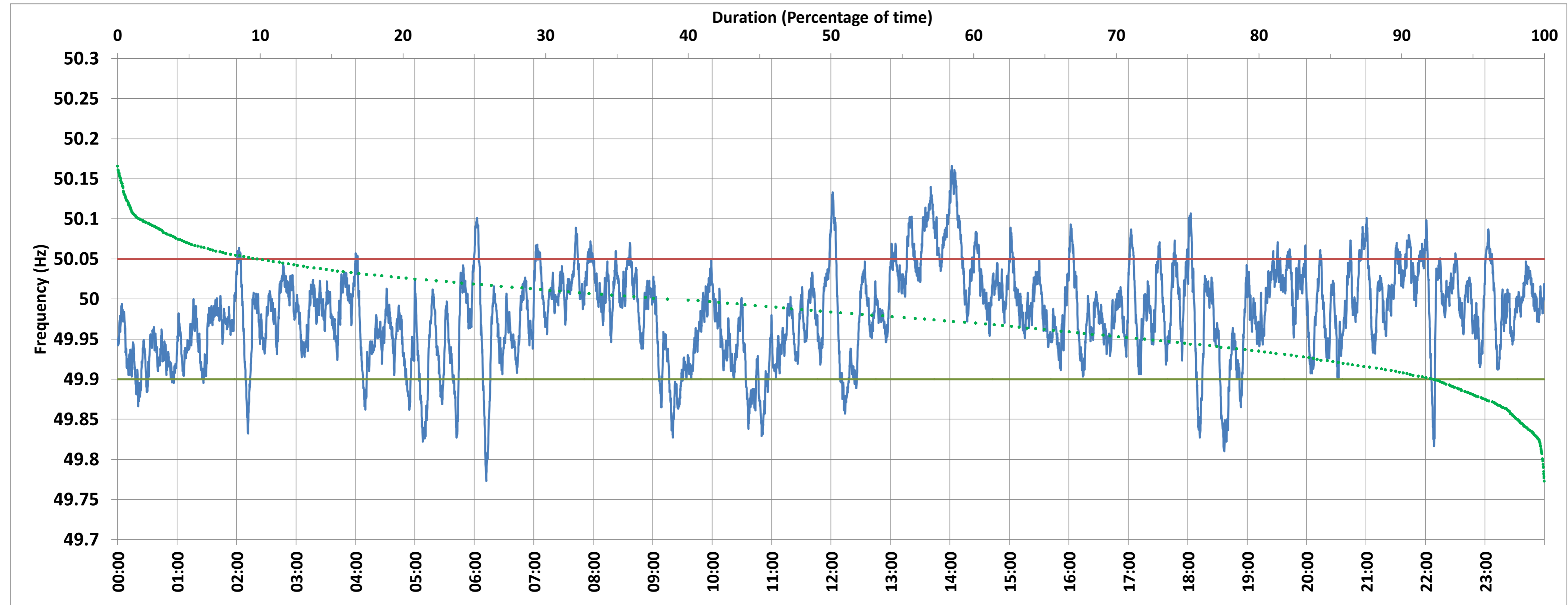


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



VIJAYAWADA:Frequency

National Grid Frequency Profile for 26-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	7.60	39.17	0.10	7.50	52.41	38.37	1.62	82.62	100.00	42.81	8.60	38.53	18.02	9.78	0.00

Average Frequency :	49.982	Frequency Variation Index :	0.036	Standard Deviation :	0.057	Positive Mileage(Above>50)	120.43
						Negative Mileage(Below<50)	280.19

Instantaneous Frequency		
Max	50.166	14:01:50
Min	49.773	6:12:00

15 minute Average Frequency		
Max	50.106	14:15:00
Min	49.879	9:30:00

No. of excursions above 50.03 Hz	104
No. of excursions below 49.97 Hz	123
No. of excursions above 50.00 Hz	128
No. of excursions below 50.00 Hz	128

Average time freq remains below 49.97 per excursion	0:04:35	Average time frequency remains above 50.03 per excursion	0:02:30
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