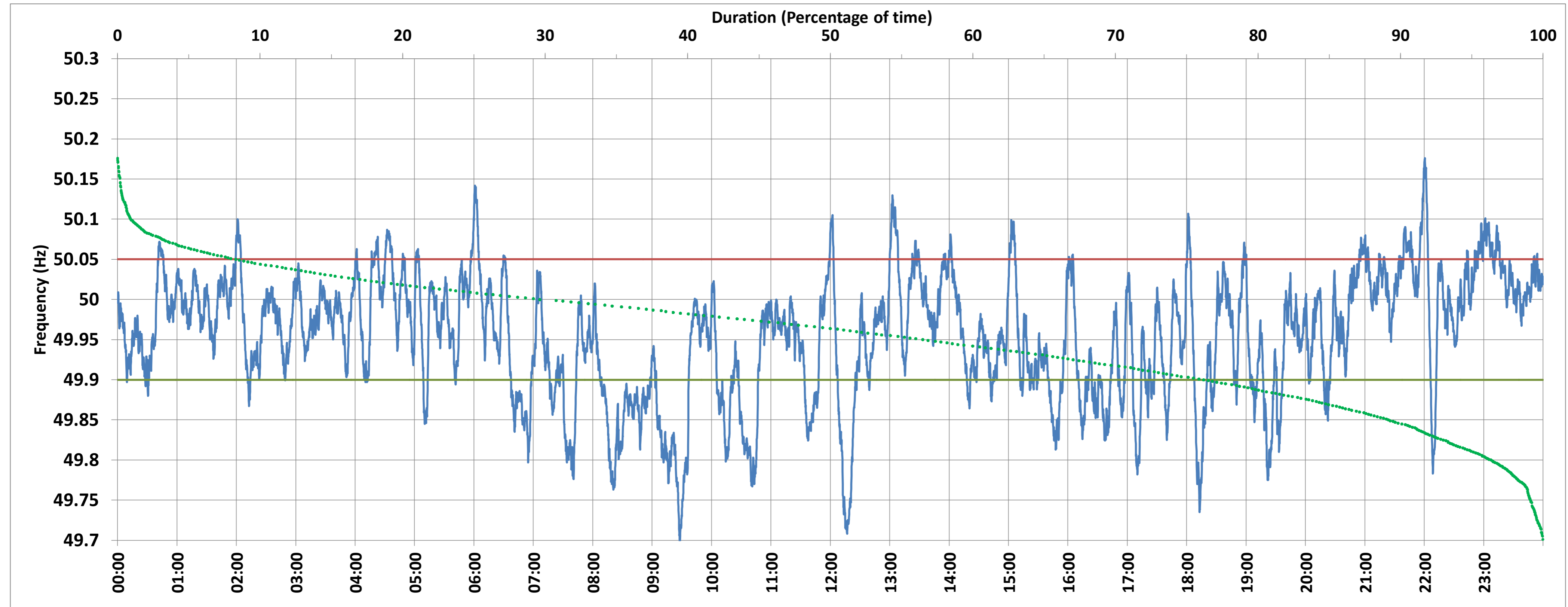


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 5-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
0.01	23.48	52.74	3.54	19.93	45.75	29.79	0.97	68.21	99.99	32.30	7.62	29.61	14.95	8.31	0.00

Average Frequency :	49.954	Frequency Variation Index :	0.081	Standard Deviation :	0.077
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Instantaneous Frequency		
Max	50.176	22:00:30
Min	49.696	9:28:00

15 minute Average Frequency		
Max	50.071	23:15:00
Min	49.780	9:30:00

No. of excursions above 50.03 Hz	86
No. of excursions below 49.97 Hz	100
No. of excursions above 50.00 Hz	74
No. of excursions below 50.00 Hz	74

Average time freq remains below 49.97 per excursion	0:07:36	Average time frequency remains above 50.03 per excursion	0:02:30
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