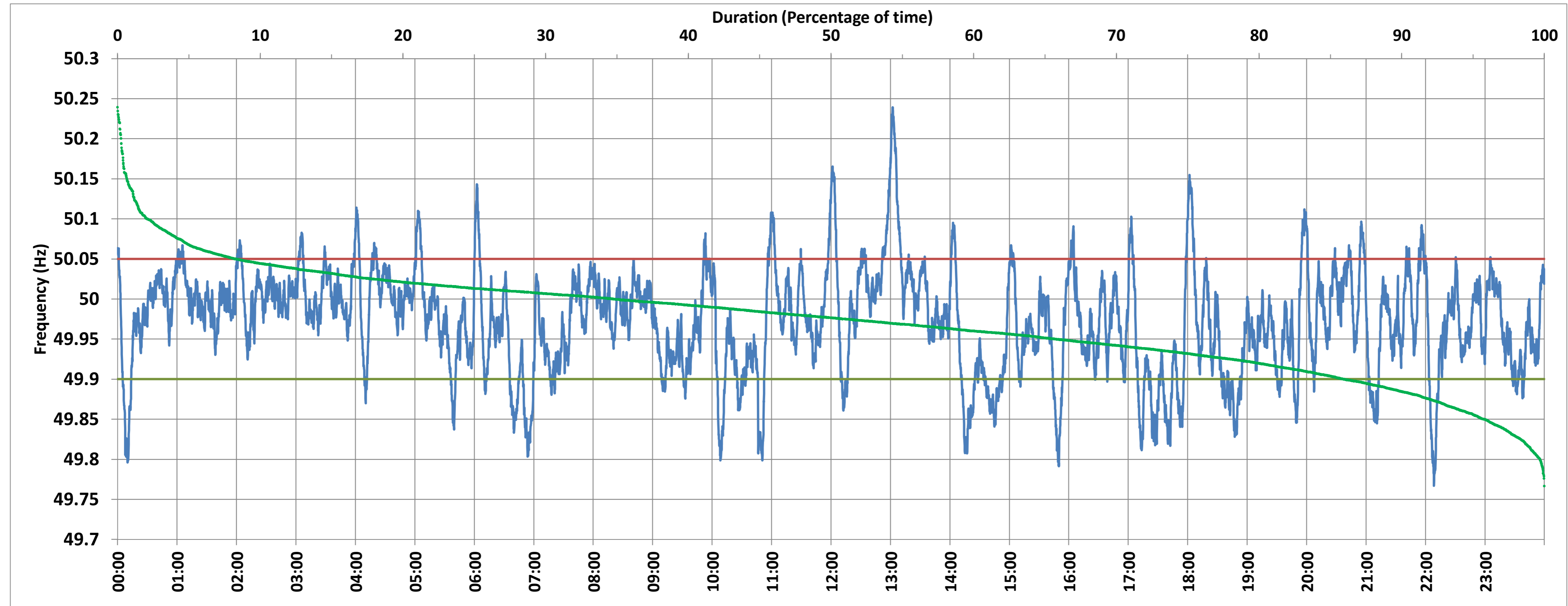


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



SLPR4:Frequency

National Grid Frequency Profile for 30-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	14.04	45.87	0.30	13.74	51.04	32.80	1.86	77.64	99.75	38.41	6.26	34.83	15.72	8.32	0.25

Average Frequency :	49.972	Frequency Variation Index :	0.050	Standard Deviation :	0.065	Positive Mileage(Above>50)	111.24
						Negative Mileage(Below<50)	354.89

Instantaneous Frequency		
Max	50.239	13:02:10
Min	49.767	22:08:30

15 minute Average Frequency		
Max	50.115	13:15:00
Min	49.868	7:00:00

No. of excursions above 50.03 Hz	90
No. of excursions below 49.97 Hz	151
No. of excursions above 50.00 Hz	163
No. of excursions below 50.00 Hz	162

Average time freq remains below 49.97 per excursion	0:04:22	Average time frequency remains above 50.03 per excursion	0:02:31
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