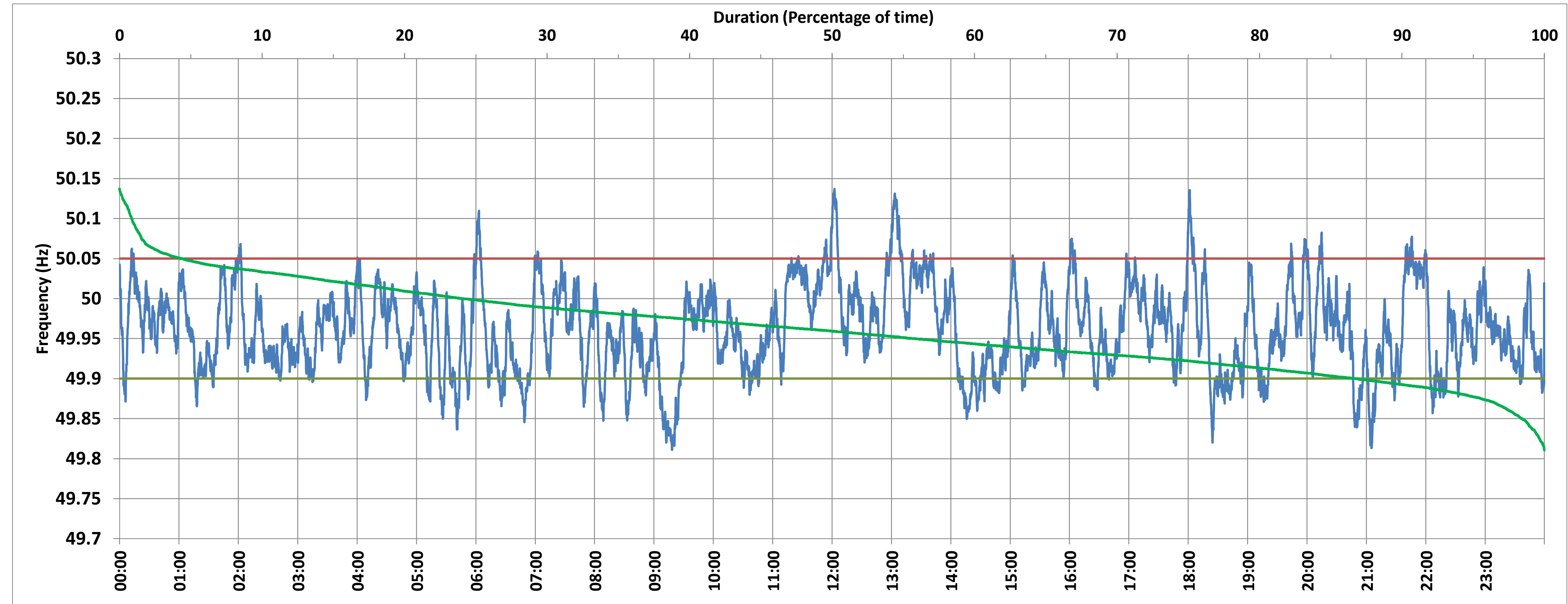


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



SLPR4:Frequency

National Grid Frequency Profile for 12-Mar-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	13.18	57.20	0.00	13.18	62.67	23.29	0.86	82.41	100.00	31.12	3.56	24.11	11.68	4.41	0.00

Average Frequency :	49.961	Frequency Variation Index :	0.045	Standard Deviation :	0.054	Mileage	45.35
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Instantaneous Frequency		
Max	50.137	12:02:20
Min	49.811	9:18:10

15 minute Average Frequency		
Max	50.067	13:15:00
Min	49.860	9:30:00

No. of excursions above 50.03 Hz	81
No. of excursions below 49.97 Hz	145
No. of excursions above 50.00 Hz	109
No. of excursions below 50.00 Hz	110

Average time freq remains below 49.97 per excursion	0:05:41	Average time frequency remains above 50.03 per excursion	0:02:05
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