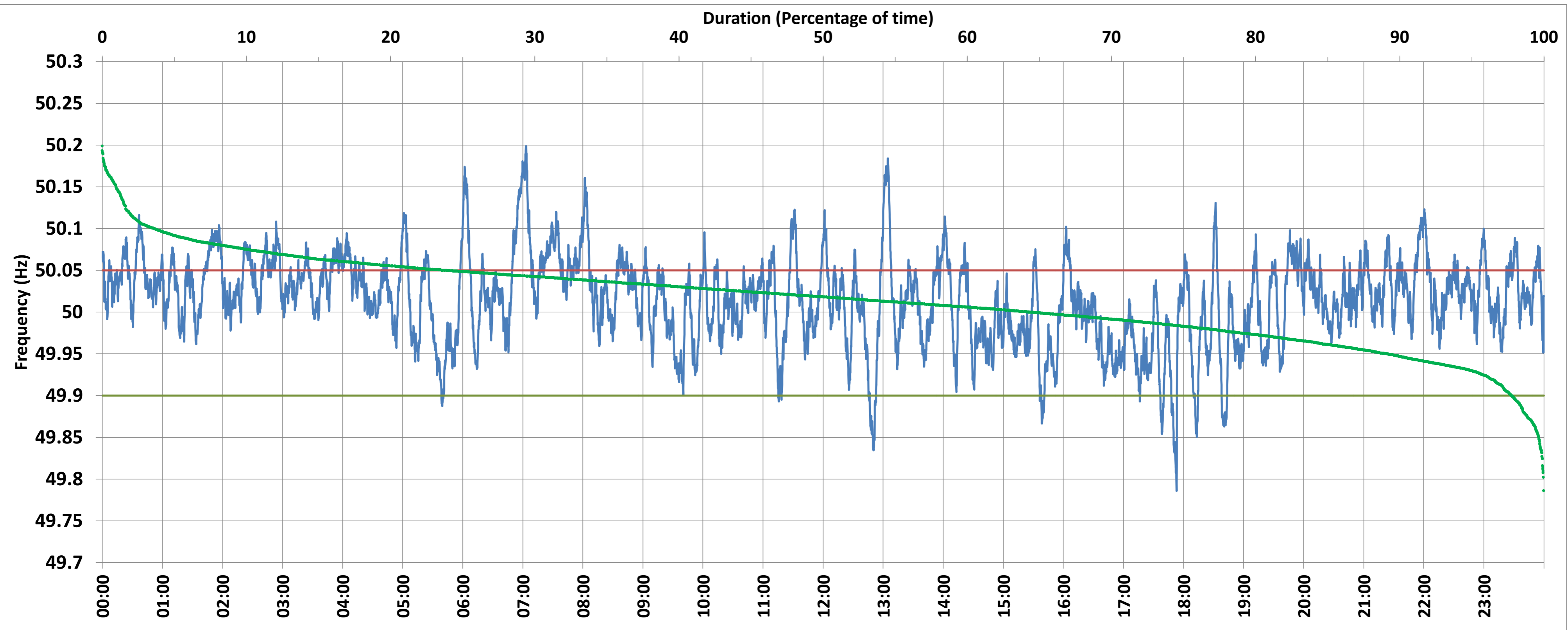


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



SLPR4:Frequency

National Grid Frequency Profile for 18-Sep-2017



<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	2.25	18.75	0.01	2.23	33.51	60.64	3.61	74.11	100.00	41.23	20.16	64.20	40.02	23.65	0.00

Average Frequency :	50.015	Frequency Variation Index :	0.029	Standard Deviation :	0.052
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Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz		181	
Max	50.199	7:03:10	Max	50.089	7:15:00	No. of excursions below 49.97 Hz		118	
Min	49.786	17:53:00	Min	49.936	18:00:00	No. of excursions above 50.00 Hz		158	
							No. of excursions below 50.00 Hz		156

Average time freq remains below 49.97 per excursion	0:02:17	Average time frequency remains above 50.03 per excursion	0:03:11
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