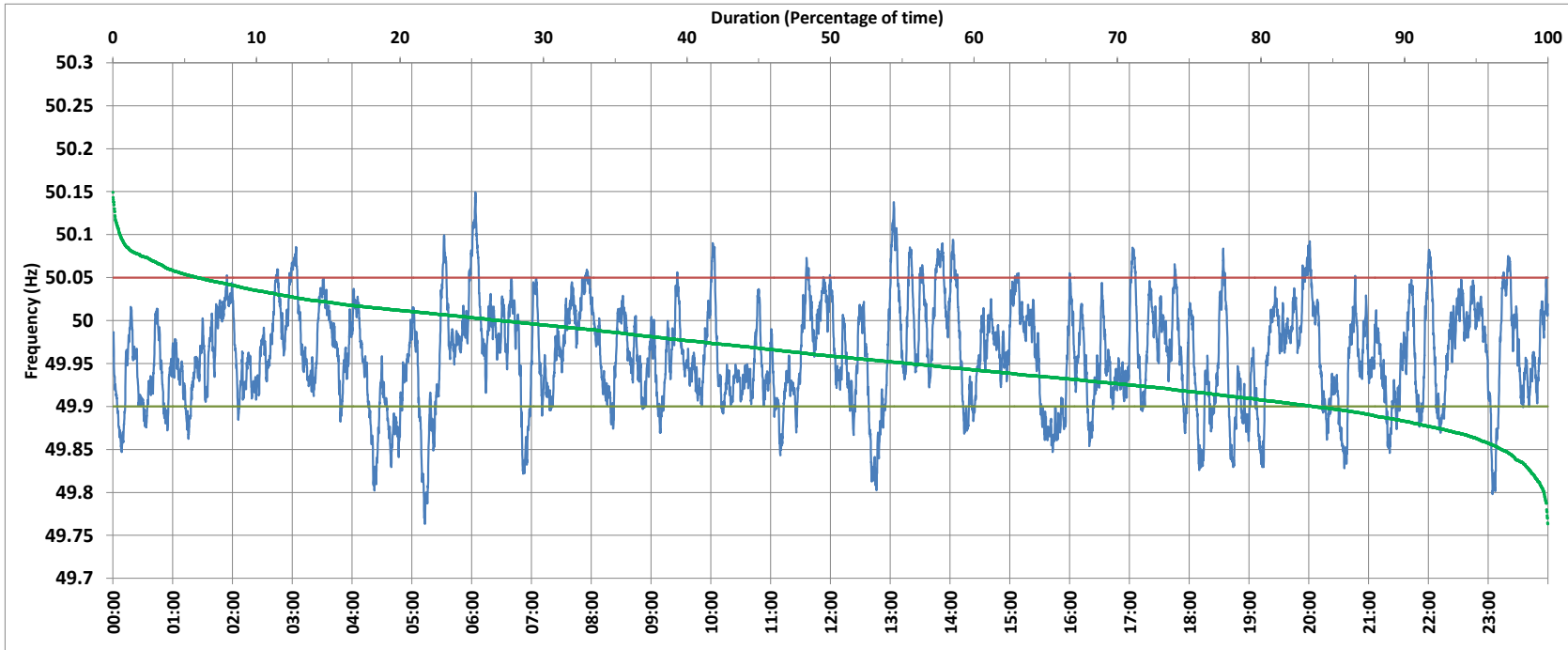


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



SLPR4:Frequency

National Grid Frequency Profile for 13-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	16.34	56.16	0.27	16.08	56.69	26.47	0.50	77.78	100.00	32.28	5.39	26.86	11.56	5.88	0.00

Average Frequency :	49.959	Frequency Variation Index :	0.052	Standard Deviation :	0.059
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Instantaneous Frequency		
Max	50.149	6:03:40
Min	49.763	5:13:00

15 minute Average Frequency		
Max	50.047	14:00:00
Min	49.872	4:30:00

No. of excursions above 50.03 Hz	70
No. of excursions below 49.97 Hz	114
No. of excursions above 50.00 Hz	126
No. of excursions below 50.00 Hz	125

Average time freq remains below 49.97 per excursion	0:07:06	Average time frequency remains above 50.03 per excursion	0:02:23
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