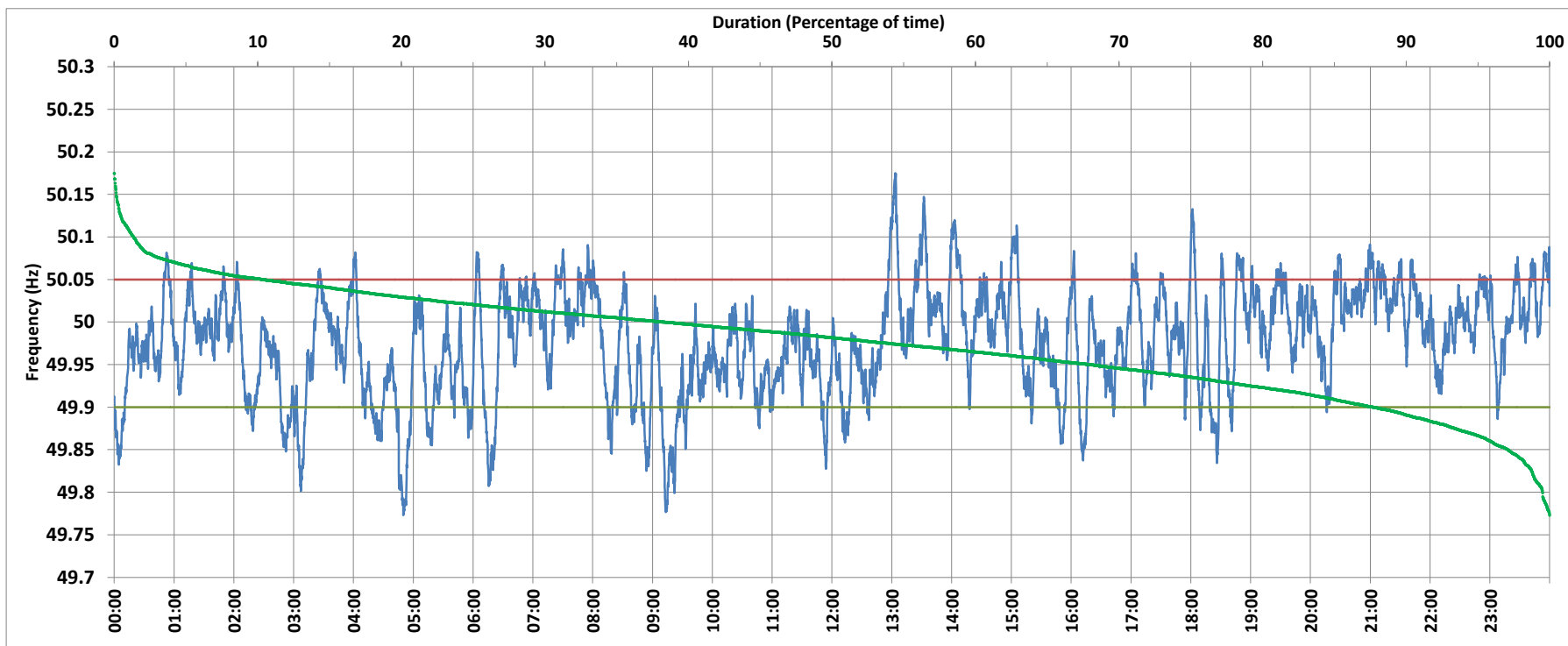


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



SLPR4:Frequency

National Grid Frequency Profile for 16/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	12.26	42.91	0.50	11.76	49.41	36.97	1.37	77.41	100.00	37.38	9.02	38.22	19.71	10.34	0.00

Average Frequency :	49.976	Frequency Variation Index :	0.044	Standard Deviation :	0.062
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Instantaneous Frequency	
Max	50.175 13:03:20
Min	49.773 4:50:00

15 minute Average Frequency	
Max	50.060 14:15:00
Min	49.840 5:00:00

No. of excursions above 50.03 Hz	120
No. of excursions below 49.97 Hz	129
No. of excursions above 50.00 Hz	149
No. of excursions below 50.00 Hz	151

Average time freq remains below 49.97 per excursion	0:04:47	Average time frequency remains above 50.03 per excursion	0:02:22
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