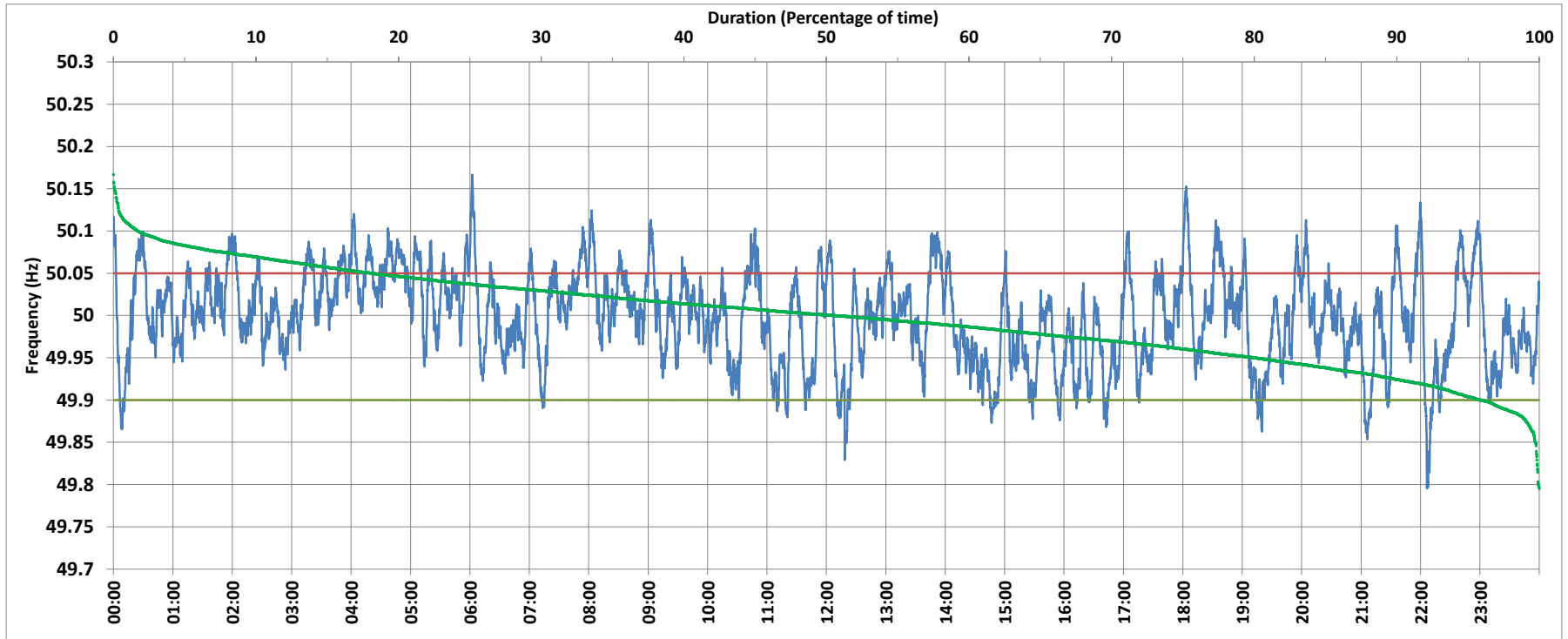


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



SLPR4:Frequency

National Grid Frequency Profile for 16/Aug/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	4.10	30.03	0.07	4.03	45.32	48.85	1.72	77.84	100.00	40.35	16.41	50.46	29.62	18.07	0.00

Average Frequency :	49.998	Frequency Variation Index :	0.030	Standard Deviation :	0.054
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Instantaneous Frequency		
Max	50.167	6:02:20
Min	49.795	22:06:20

15 minute Average Frequency		
Max	50.067	14:00:00
Min	49.917	21:15:00

No. of excursions above 50.03 Hz	158
No. of excursions below 49.97 Hz	134
No. of excursions above 50.00 Hz	176
No. of excursions below 50.00 Hz	179

Average time freq remains below 49.97 per excursion	0:03:14	Average time frequency remains above 50.03 per excursion	0:02:42
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