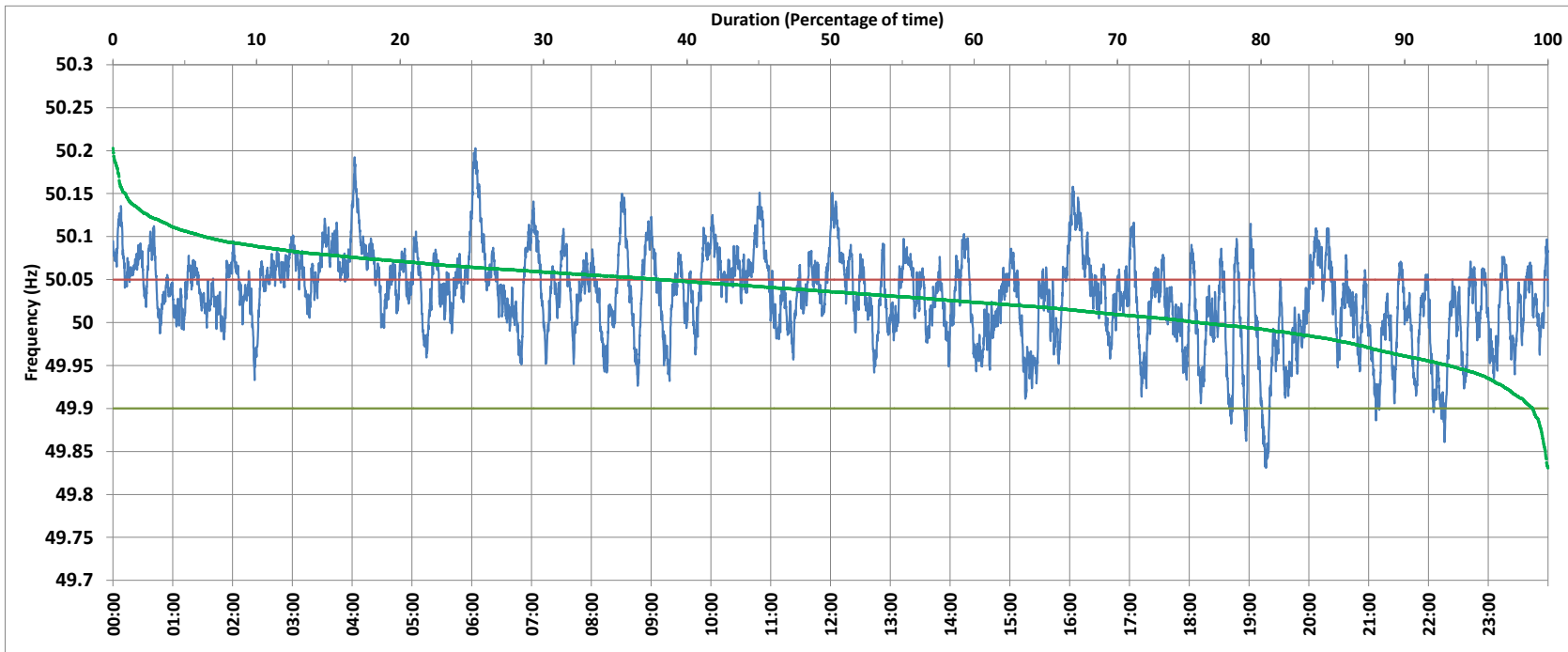


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



SLPR4:Frequency

National Grid Frequency Profile for 20-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	1.08	12.31	0.00	1.08	23.23	69.36	6.31	60.80	99.98	32.66	31.86	75.61	55.02	38.13	0.02

Average Frequency :	50.031	Frequency Variation Index :	0.036	Standard Deviation :	0.051
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Instantaneous Frequency		
Max	50.203	6:03:30
Min	49.831	19:16:50

15 minute Average Frequency		
Max	50.133	6:15:00
Min	49.921	19:30:00

No. of excursions above 50.03 Hz	195
No. of excursions below 49.97 Hz	65
No. of excursions above 50.00 Hz	145
No. of excursions below 50.00 Hz	142

Average time freq remains below 49.97 per excursion	0:02:44	Average time frequency remains above 50.03 per excursion	0:04:04
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