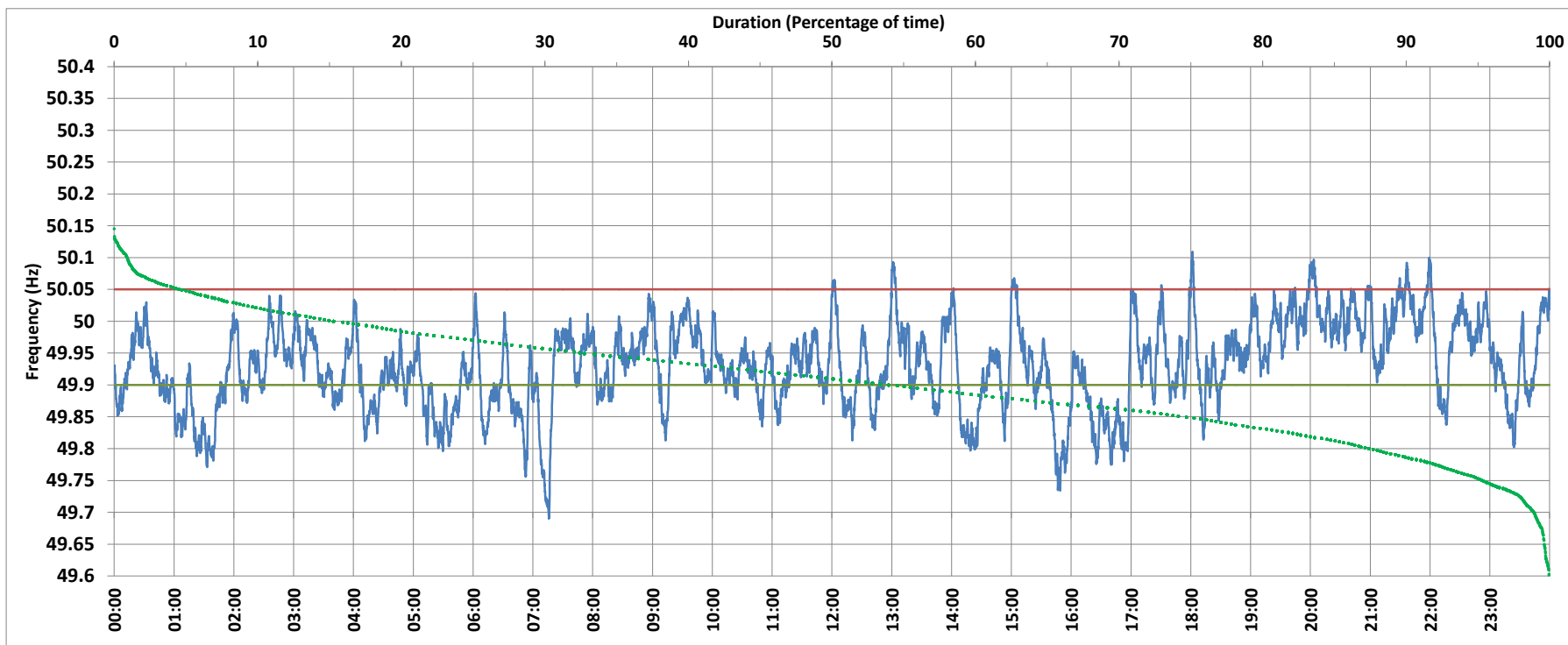


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BALLIA:Frequency

National Grid Frequency Profile for 27/Oct/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
0.03	31.44	70.72	2.66	28.74	52.65	15.89	0.02	66.23	99.97	22.95	2.44	15.27	6.33	2.34	0.00

Average Frequency :	49.930	Frequency Variation Index :	0.093	Standard Deviation :	0.067
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Instantaneous Frequency	
Max	50.109 18:01:30
Min	49.690 7:16:00

15 minute Average Frequency	
Max	50.040 21:45:00
Min	49.793 16:00:00

No. of excursions above 50.03 Hz	48
No. of excursions below 49.97 Hz	115
No. of excursions above 50.00 Hz	66
No. of excursions below 50.00 Hz	60

Average time freq remains below 49.97 per excursion	0:08:51	Average time frequency remains above 50.03 per excursion	0:01:54
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