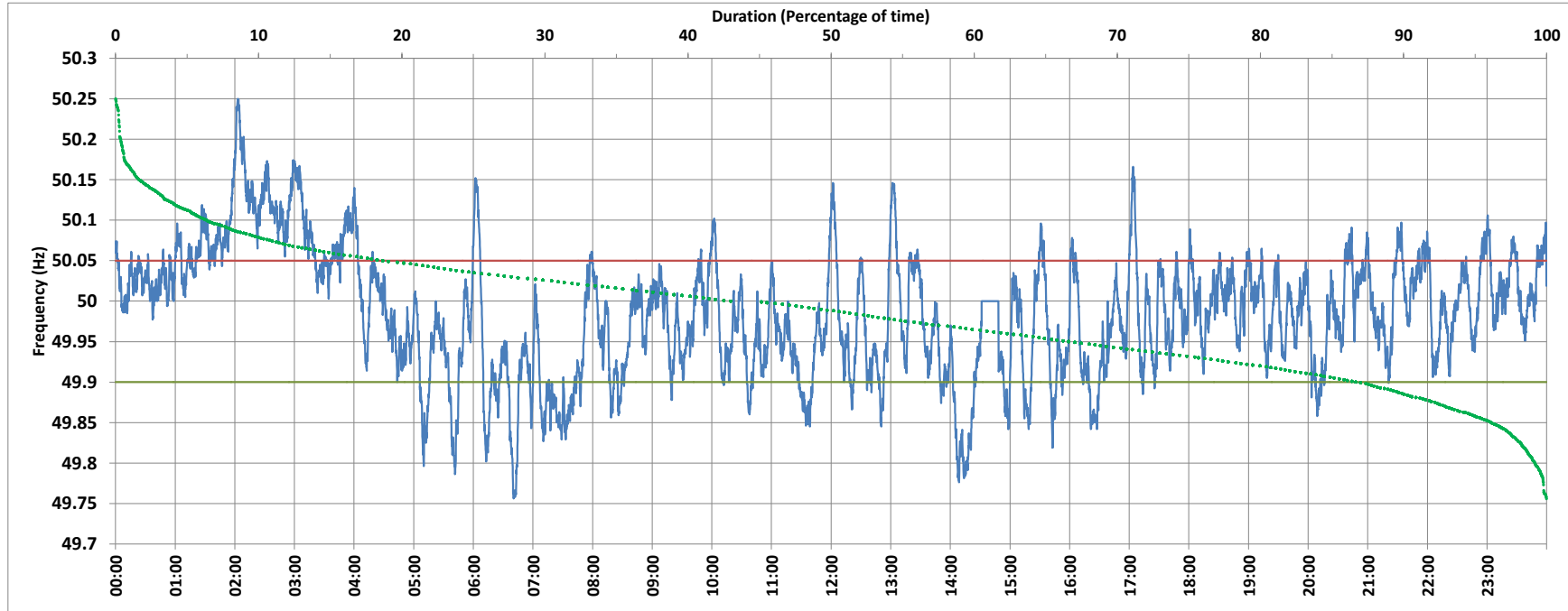


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BALLIA:Frequency

National Grid Frequency Profile for 18-Dec-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	13.00	41.85	0.80	12.20	41.89	38.68	6.06	68.33	99.63	30.51	12.71	42.96	27.64	18.67	0.37

Average Frequency :	49.985	Frequency Variation Index :	0.061	Standard Deviation :	0.077
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Instantaneous Frequency	
Max	50.250 2:03:00
Min	49.756 6:40:30

15 minute Average Frequency	
Max	50.183 2:15:00
Min	49.843 14:15:00

No. of excursions above 50.03 Hz	106
No. of excursions below 49.97 Hz	96
No. of excursions above 50.00 Hz	83
No. of excursions below 50.00 Hz	91

Average time freq remains below 49.97 per excursion	0:06:17	Average time frequency remains above 50.03 per excursion	0:03:45
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