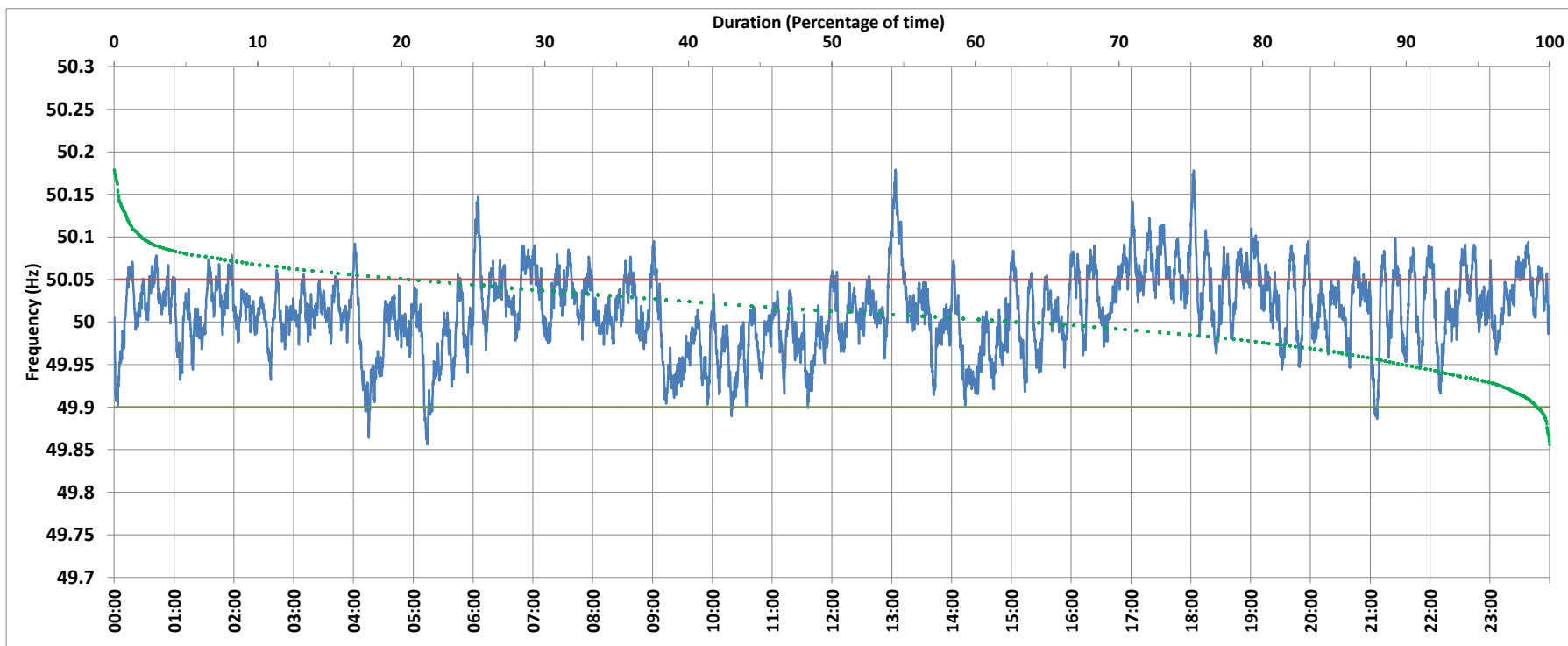


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BALLIA:Frequency

National Grid Frequency Profile for 18/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
0.00	0.84	16.71	0.00	0.84	34.75	62.48	1.93	78.65	100.00	48.00	19.31	62.81	35.29	20.51	0.00

Average Frequency :	50.013	Frequency Variation Index :	0.022	Standard Deviation :	0.045
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Instantaneous Frequency		
Max	50.179	13:03:40
Min	49.856	5:14:00

15 minute Average Frequency		
Max	50.102	13:15:00
Min	49.935	4:30:00

No. of excursions above 50.03 Hz	156
No. of excursions below 49.97 Hz	82
No. of excursions above 50.00 Hz	135
No. of excursions below 50.00 Hz	137

Average time freq remains below 49.97 per excursion	0:02:56	Average time frequency remains above 50.03 per excursion	0:03:15
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