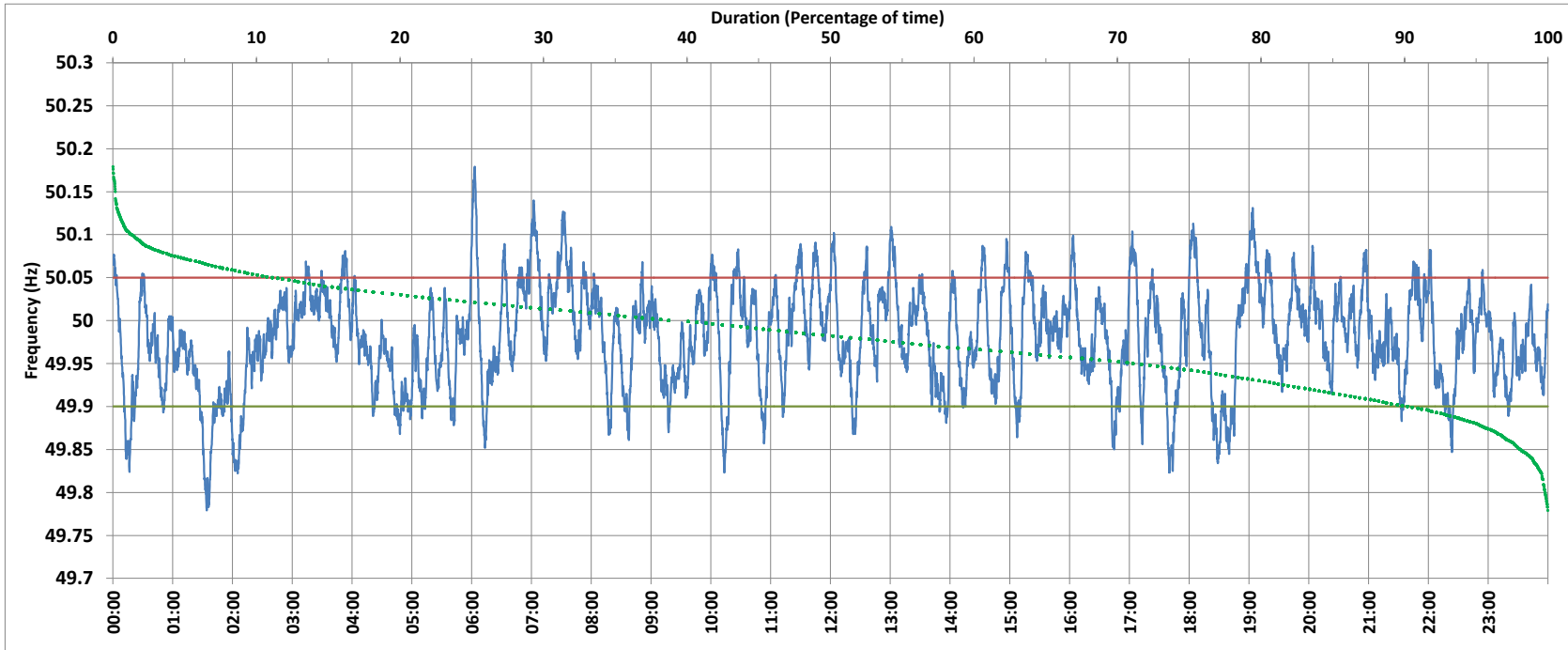


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BALLIA:Frequency

National Grid Frequency Profile for 6-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	9.46	41.83	0.20	9.26	50.47	38.68	1.39	79.44	100.00	38.10	10.19	38.72	20.07	11.10	0.00

Average Frequency :	49.980	Frequency Variation Index :	0.039	Standard Deviation :	0.059
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Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz		104	
Max	50.179	6:02:50	Max	50.065	19:15:00	No. of excursions below 49.97 Hz		124	
Min	49.779	1:34:00	Min	49.845	1:45:00	No. of excursions above 50.00 Hz		102	
							No. of excursions below 50.00 Hz		97

Average time freq remains below 49.97 per excursion	0:04:51	Average time frequency remains above 50.03 per excursion	0:02:47
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