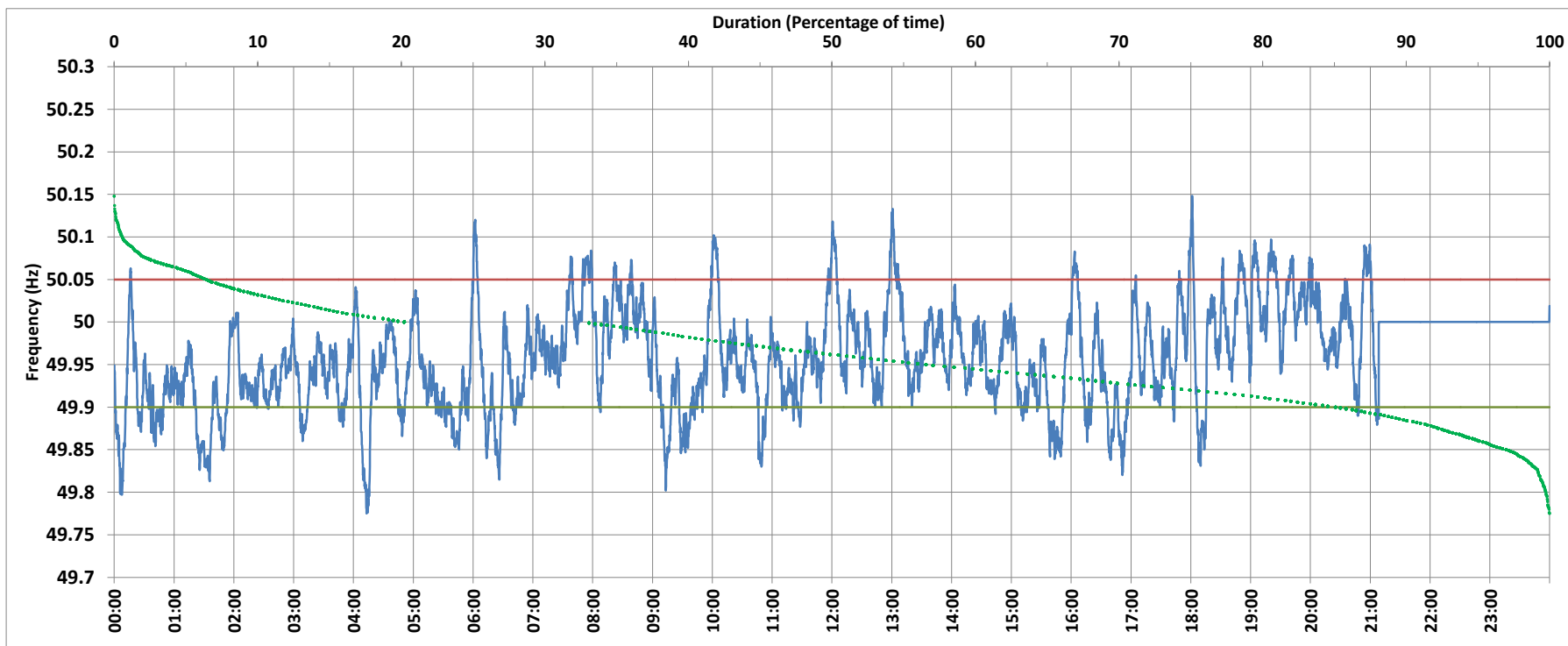


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 24/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	14.58	53.80	0.25	14.33	52.35	32.49	0.58	79.02	100.00	35.71	5.97	20.20	10.50	6.40	0.00

Average Frequency :	49.961	Frequency Variation Index :	0.049	Standard Deviation :	0.058
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Instantaneous Frequency	
Max	50.148 18:01:10
Min	49.775 4:13:10

15 minute Average Frequency	
Max	50.045 8:00:00
Min	49.874 1:45:00

No. of excursions above 50.03 Hz	46
No. of excursions below 49.97 Hz	108
No. of excursions above 50.00 Hz	72
No. of excursions below 50.00 Hz	72

Average time freq remains below 49.97 per excursion	0:07:10	Average time frequency remains above 50.03 per excursion	0:03:17
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