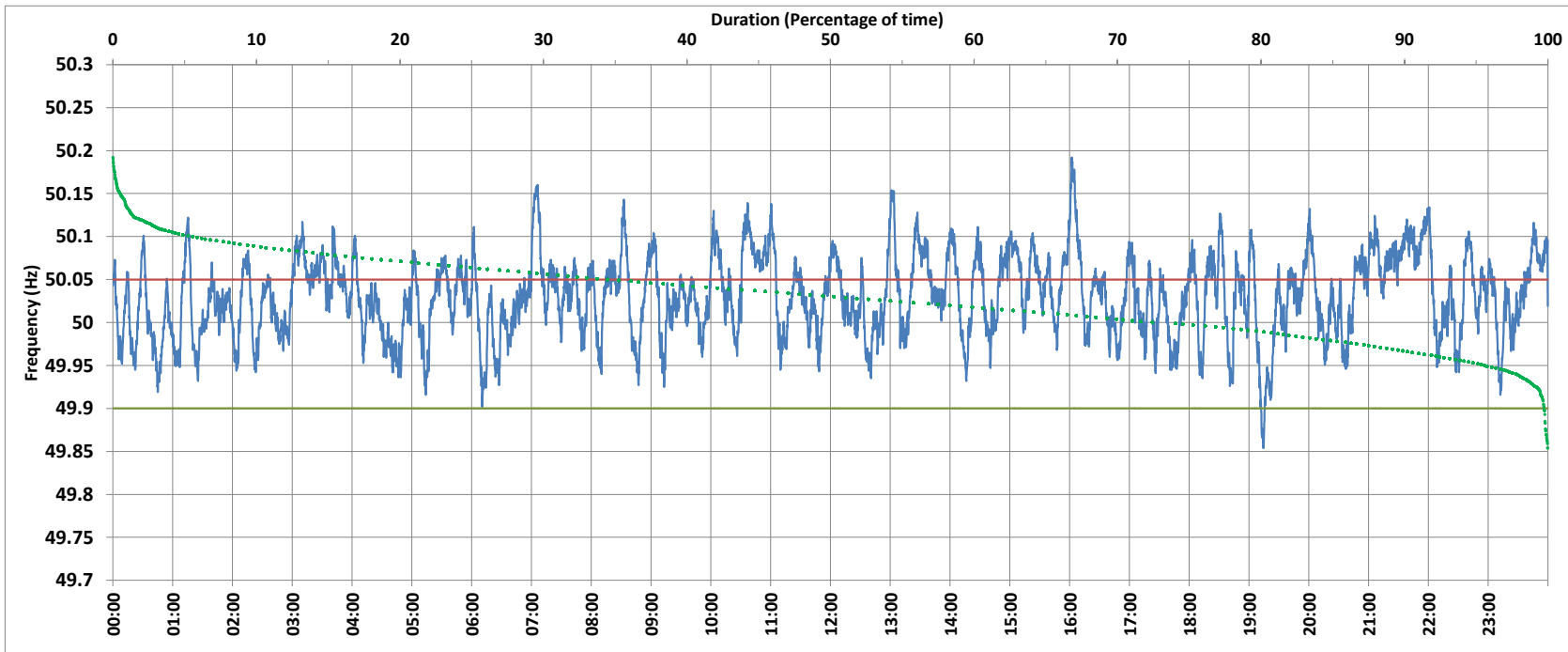


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 19-Aug-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	0.27	10.86	0.00	0.27	25.69	68.18	5.86	65.25	100.00	38.90	29.70	72.43	50.24	34.48	0.00

Average Frequency :	50.030	Frequency Variation Index :	0.031	Standard Deviation :	0.047
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Instantaneous Frequency		
Max	50.192	16:02:00
Min	49.854	19:14:20

15 minute Average Frequency		
Max	50.105	16:15:00
Min	49.963	19:30:00

No. of excursions above 50.03 Hz	147
No. of excursions below 49.97 Hz	80
No. of excursions above 50.00 Hz	100
No. of excursions below 50.00 Hz	103

Average time freq remains below 49.97 per excursion	0:01:57	Average time frequency remains above 50.03 per excursion	0:04:55
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