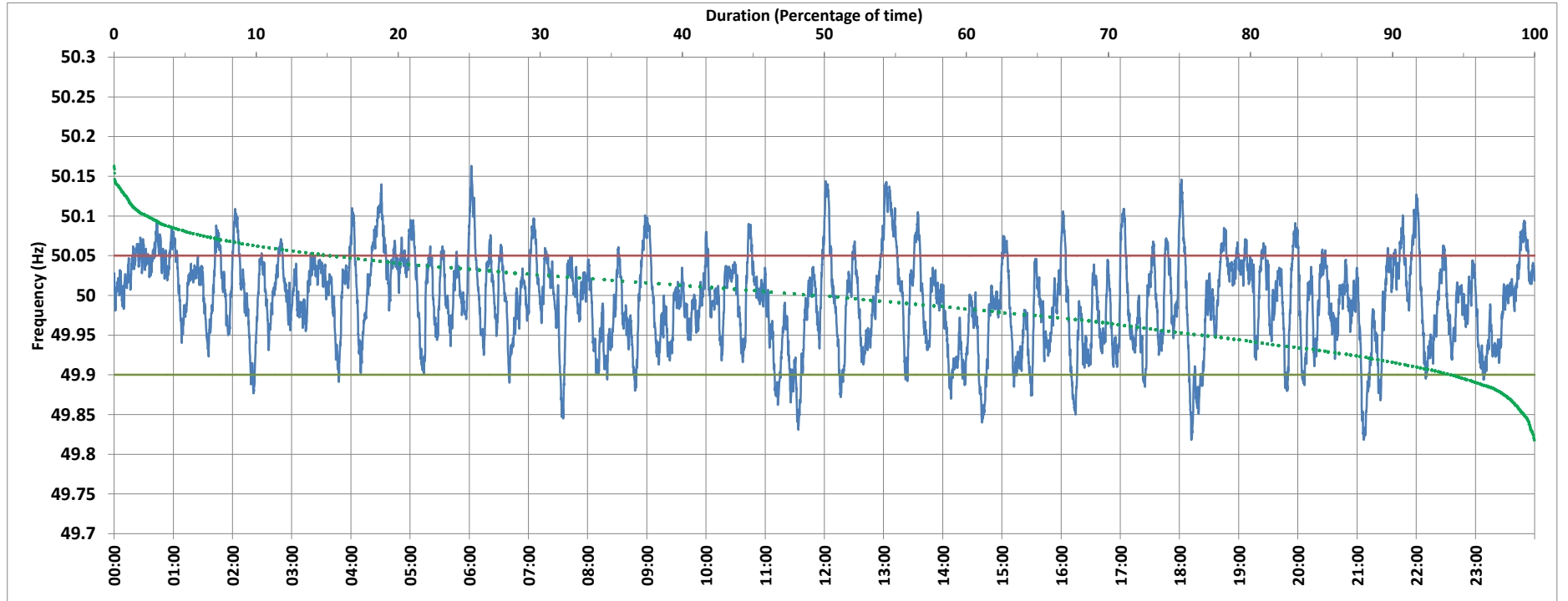


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 21/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	5.67	31.86	0.00	5.67	43.95	47.95	2.43	79.14	100.00	41.09	13.34	49.18	27.05	15.19	0.00

Average Frequency :	49.994	Frequency Variation Index :	0.033	Standard Deviation :	0.057
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Instantaneous Frequency		
Max	50.163	6:02:10
Min	49.818	18:12:00

15 minute Average Frequency		
Max	50.099	13:15:00
Min	49.899	21:15:00

No. of excursions above 50.03 Hz	138
No. of excursions below 49.97 Hz	111
No. of excursions above 50.00 Hz	107
No. of excursions below 50.00 Hz	107

Average time freq remains below 49.97 per excursion	0:04:08	Average time frequency remains above 50.03 per excursion	0:02:49
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