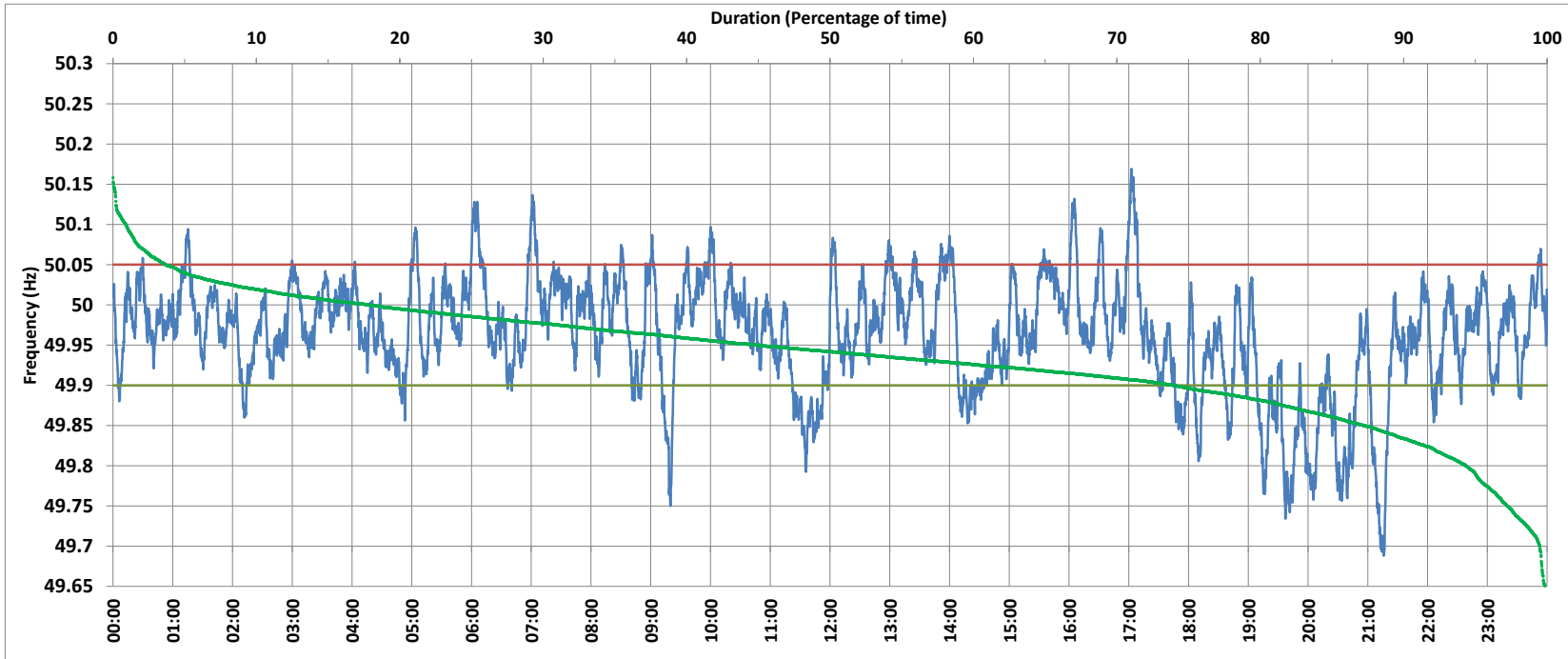


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



MPPTCL BINA:Frequency

National Grid Frequency Profile for 8-Jul-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
0.14	16.42	50.30	3.07	13.22	52.49	29.65	1.44	76.47	99.86	35.32	5.69	31.06	14.38	7.11	0.00

Average Frequency :	49.96	Frequency Variation Index :	0.063	Standard Deviation :	0.070
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Instantaneous Frequency	
Max	50.17 17:02:30
Min	49.69 21:15:50

15 minute Average Frequency		
Max	50.076	6:15:00
Min	49.796	20:45:00

No. of excursions above 50.03 Hz	94
No. of excursions below 49.97 Hz	163
No. of excursions above 50.00 Hz	136
No. of excursions below 50.00 Hz	136

Average time freq remains below 49.97 per excursion	0:04:27	Average time frequency remains above 50.03 per excursion	0:02:12
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