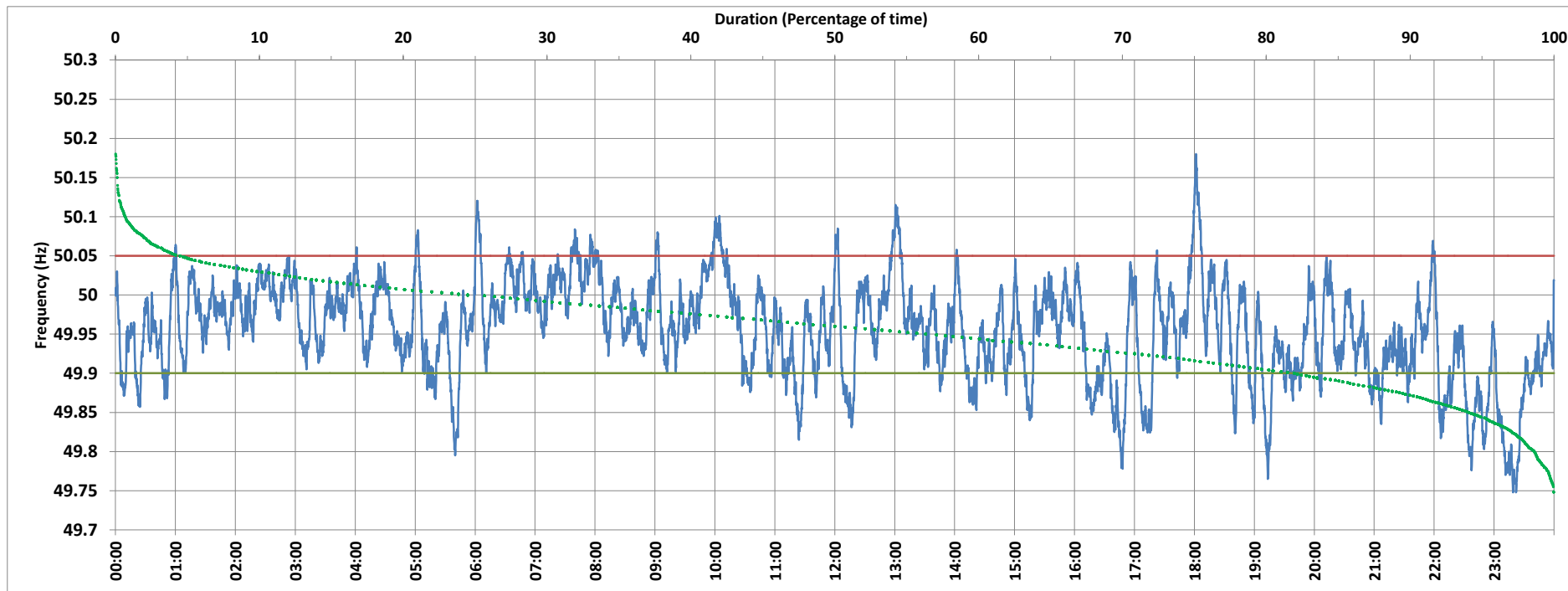


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NEHU:Frequency

National Grid Frequency Profile for 13-Apr-2018



<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	17.85	55.66	1.34	16.50	56.52	24.94	0.69	77.67	100.00	34.53	3.98	24.48	9.81	4.48	0.00

Average Frequency :	49.956	Frequency Variation Index :	0.059	Standard Deviation :	0.063	Mileage	47.82
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Instantaneous Frequency		
Max	50.180	18:01:30
Min	49.748	23:18:50

15 minute Average Frequency		
Max	50.058	10:15:00
Min	49.800	23:30:00

No. of excursions above 50.03 Hz	65
No. of excursions below 49.97 Hz	126
No. of excursions above 50.00 Hz	97
No. of excursions below 50.00 Hz	100

% time <49.95	42.94
% time between 49.95 to 50.05	52.58

Average time freq remains below 49.97 per excursion	0:06:22	Average time frequency remains above 50.03 per excursion	0:02:10
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