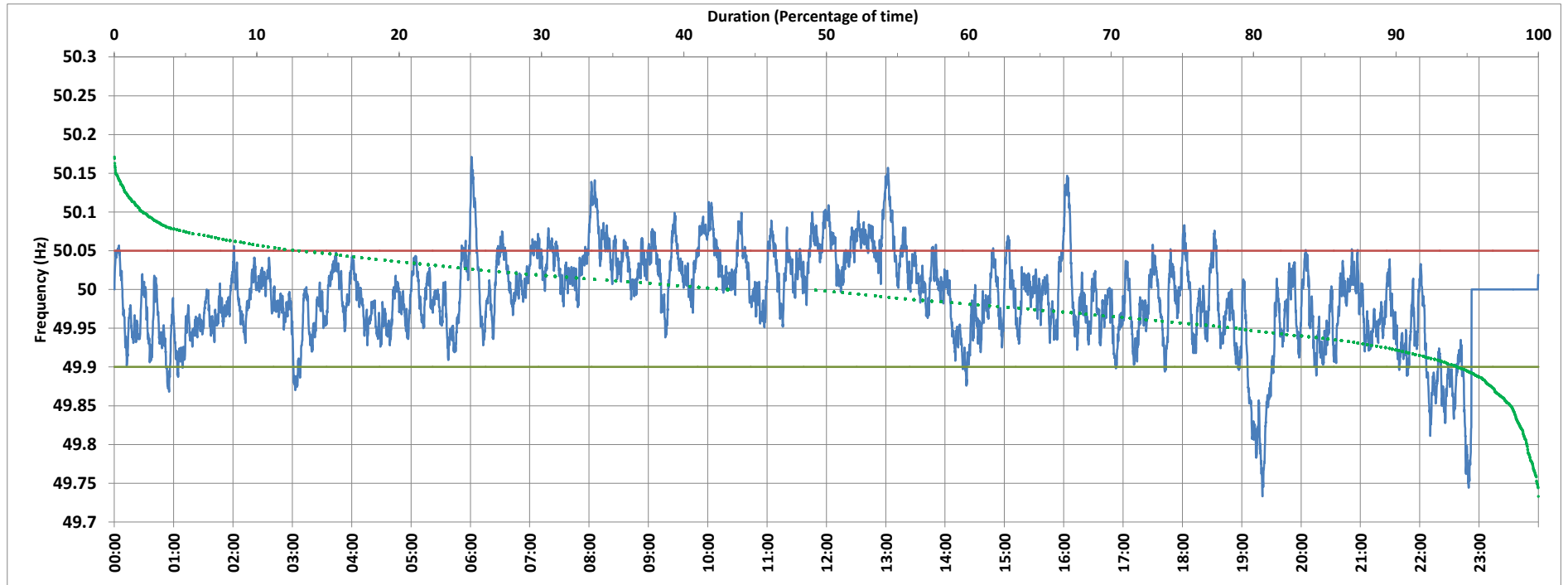


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 20-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	5.61	32.21	0.81	4.80	45.15	47.20	2.04	81.42	100.00	44.69	11.50	43.06	23.10	12.96	0.00

Average Frequency :	49.991	Frequency Variation Index :	0.034	Standard Deviation :	0.057	Mileage	44.11
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Instantaneous Frequency		
Max	50.171	6:01:10
Min	49.733	19:20:50

15 minute Average Frequency		
Max	50.092	8:15:00
Min	49.818	19:30:00

No. of excursions above 50.03 Hz	106
No. of excursions below 49.97 Hz	110
No. of excursions above 50.00 Hz	104
No. of excursions below 50.00 Hz	97

% time <49.95	20.96
% time between 49.95 to 50.05	66.08

Average time freq remains below 49.97 per excursion	0:04:13	Average time frequency remains above 50.03 per excursion	0:03:08
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