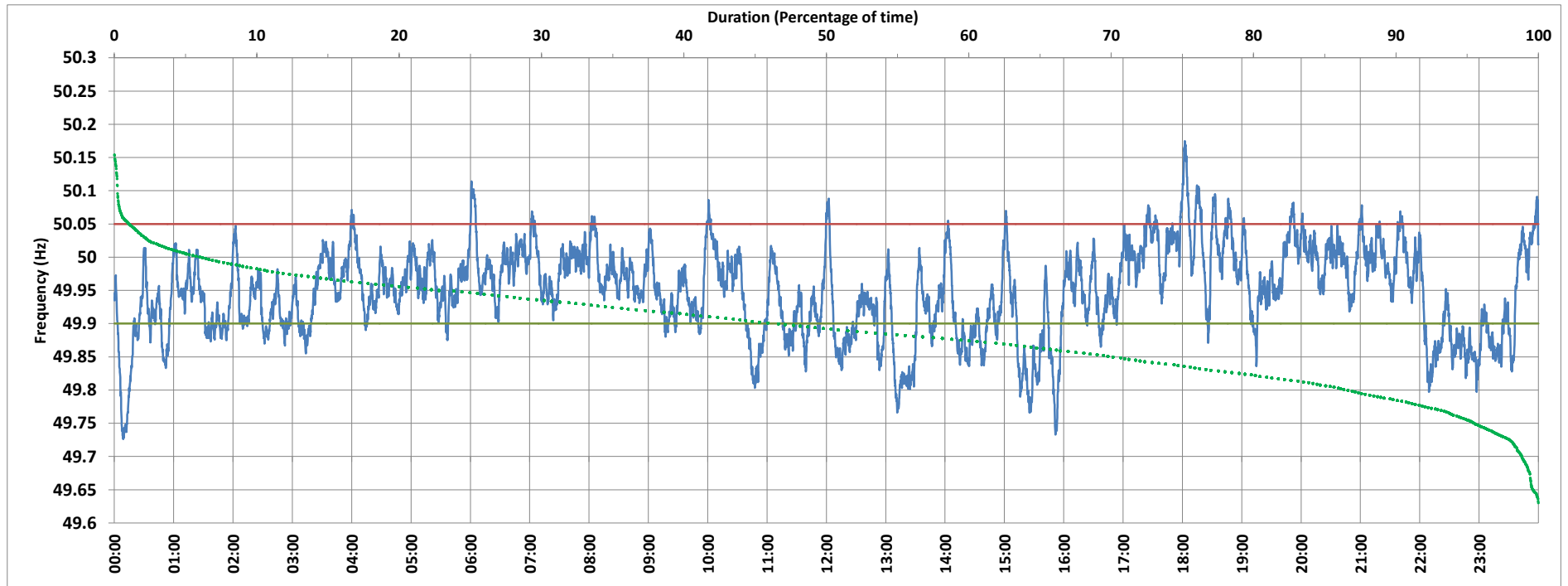


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



VIJAYAWADA:Frequency

National Grid Frequency Profile for 28-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	23.81	59.81	1.66	22.15	52.38	23.32	0.49	71.62	100.00	30.89	4.33	22.79	9.29	4.57	0.00

Average Frequency :	49.948	Frequency Variation Index :	0.071	Standard Deviation :	0.066	Mileage	46.25
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Instantaneous Frequency		
Max	50.175	18:02:30
Min	49.726	0:08:50

15 minute Average Frequency		
Max	50.073	18:15:00
Min	49.813	0:15:00

No. of excursions above 50.03 Hz	63
No. of excursions below 49.97 Hz	105
No. of excursions above 50.00 Hz	87
No. of excursions below 50.00 Hz	97

% time <49.95	49.18
% time between 49.95 to 50.05	46.25

Average time freq remains below 49.97 per excursion	0:08:12	Average time frequency remains above 50.03 per excursion	0:02:07
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