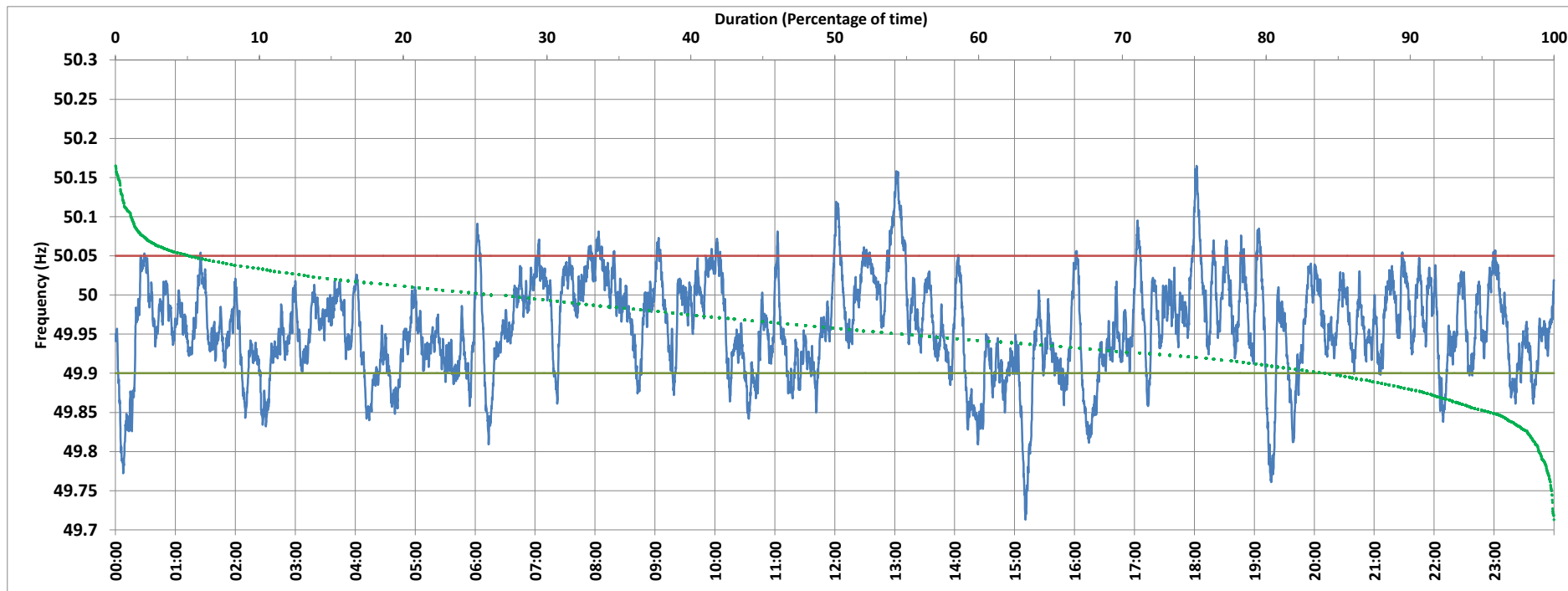


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



VIJAYAWADA:Frequency

National Grid Frequency Profile for 21-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	15.59	57.00	1.01	14.58	57.29	26.02	1.10	79.29	100.00	31.96	4.25	26.10	11.04	5.12	0.00

Average Frequency :	49.958	Frequency Variation Index :	0.055	Standard Deviation :	0.061	Mileage	45.60
---------------------	--------	-----------------------------	-------	----------------------	-------	---------	-------

Instantaneous Frequency		
Max	50.165	18:02:10
Min	49.713	15:10:50

15 minute Average Frequency		
Max	50.072	13:15:00
Min	49.831	15:15:00

No. of excursions above 50.03 Hz	70
No. of excursions below 49.97 Hz	109
No. of excursions above 50.00 Hz	85
No. of excursions below 50.00 Hz	91

% time <49.95	44.64
% time between 49.95 to 50.05	50.24

Average time freq remains below 49.97 per excursion	0:07:32	Average time frequency remains above 50.03 per excursion	0:02:16
---	---------	--	---------