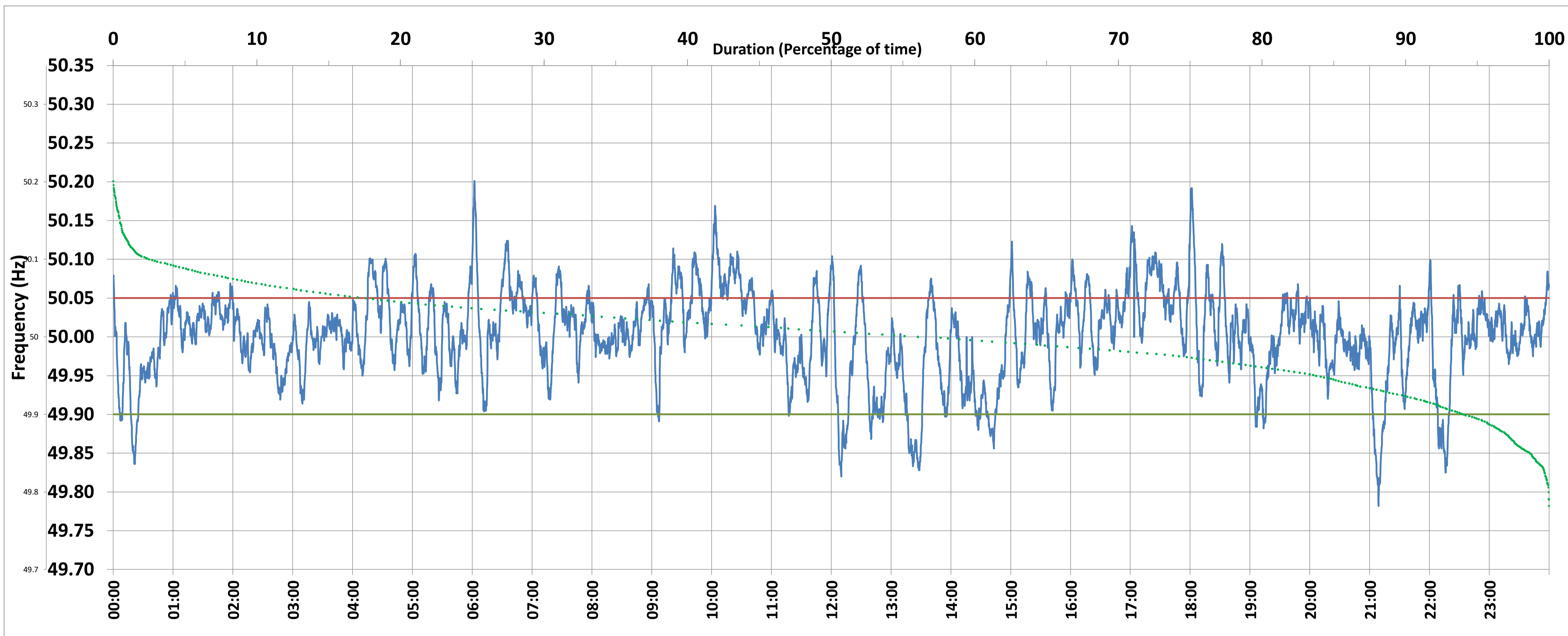


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Apr-2020 (Thursday)



<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	<49.95	49.95-50.05	49.90-49.95
0.00	5.82	23.18	0.03	5.79	36.56	54.91	2.70	76.60	99.99	45.90	15.59	56.03	30.91	17.58	0.01	15.90	66.52	10.08

Average Frequency : 50.002	Frequency Variation Index : 0.0327	Standard Deviation : 0.0572	Mileage: 38.5	FDI: 23.4
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Instantaneous Frequency		
Max	50.201	6:02:10
Min	49.782	21:08:50

15 minute Average Frequency		
Max	50.094	10:15:00
Min	49.857	13:30:00

No. of excursions	
above 50.03 Hz	124
below 49.97 Hz	71
above 50.00 Hz	102
below 50.00 Hz	104

Average time freq per excursion remains	
below 49.97	0:04:42
above 50.03	0:03:35

No. of hours freq outside 49.9-50.05 Hz	5:37:00
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Source : NEHU:Frequency 10 Sec. (8640 samples)