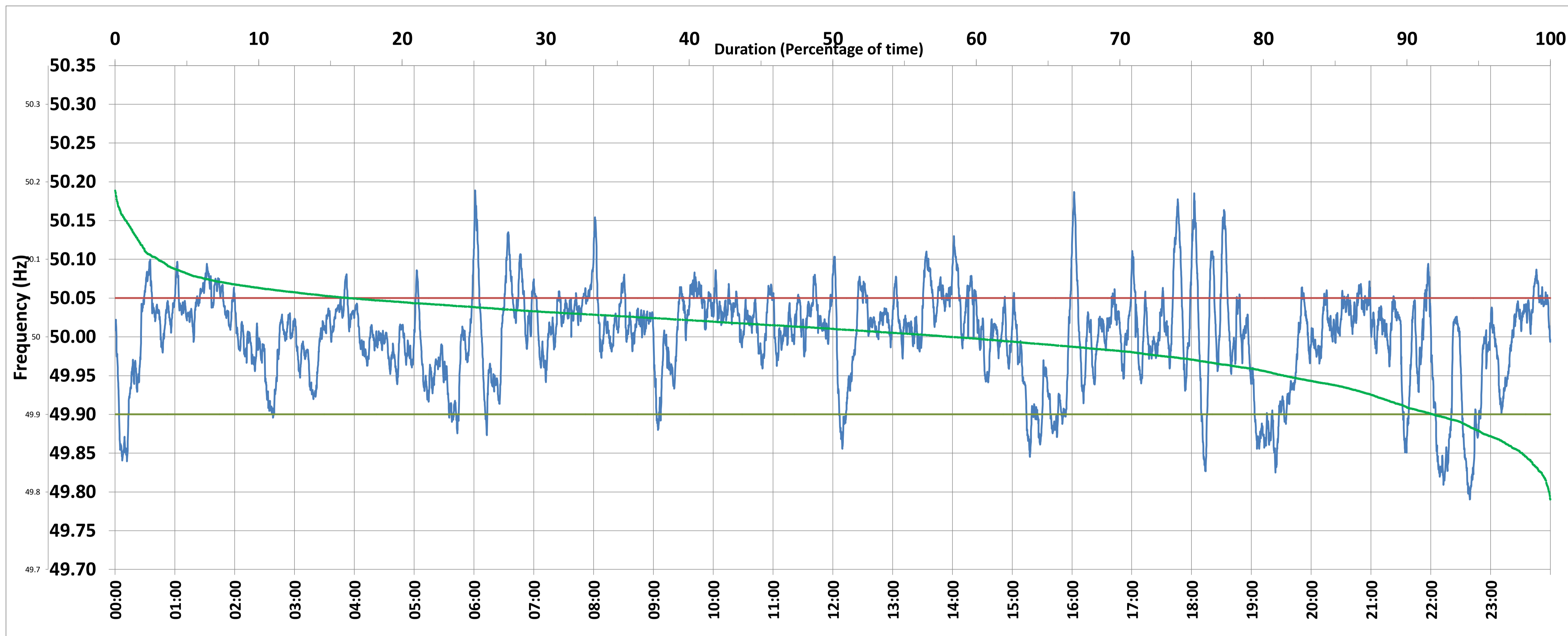


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Apr-2020 (Friday)



<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	8.14	24.66	0.08	8.06	33.40	55.45	3.01	75.49	100.00	43.16	13.46	58.30	32.18	16.38	0.00	18.50	65.13	10.36

Average Frequency : 50.000	Frequency Variation Index : 0.0368	Standard Deviation : 0.0608	Mileage: 34.4	FDI: 24.5
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Instantaneous Frequency		
Max	50.189	6:01:10
Min	49.790	22:39:10

15 minute Average Frequency		
Max	50.068	1:45:00
Min	49.846	22:45:00

No. of excursions	
above 50.03 Hz	142
below 49.97 Hz	61
above 50.00 Hz	127
below 50.00 Hz	125

Average time freq per excursion remains	
below 49.97	0:05:49
above 50.03	0:03:16

No. of hours freq outside 49.9-50.05 Hz	5:53:00
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Source : SLPR4:Frequency 10 Sec. (8640 samples)