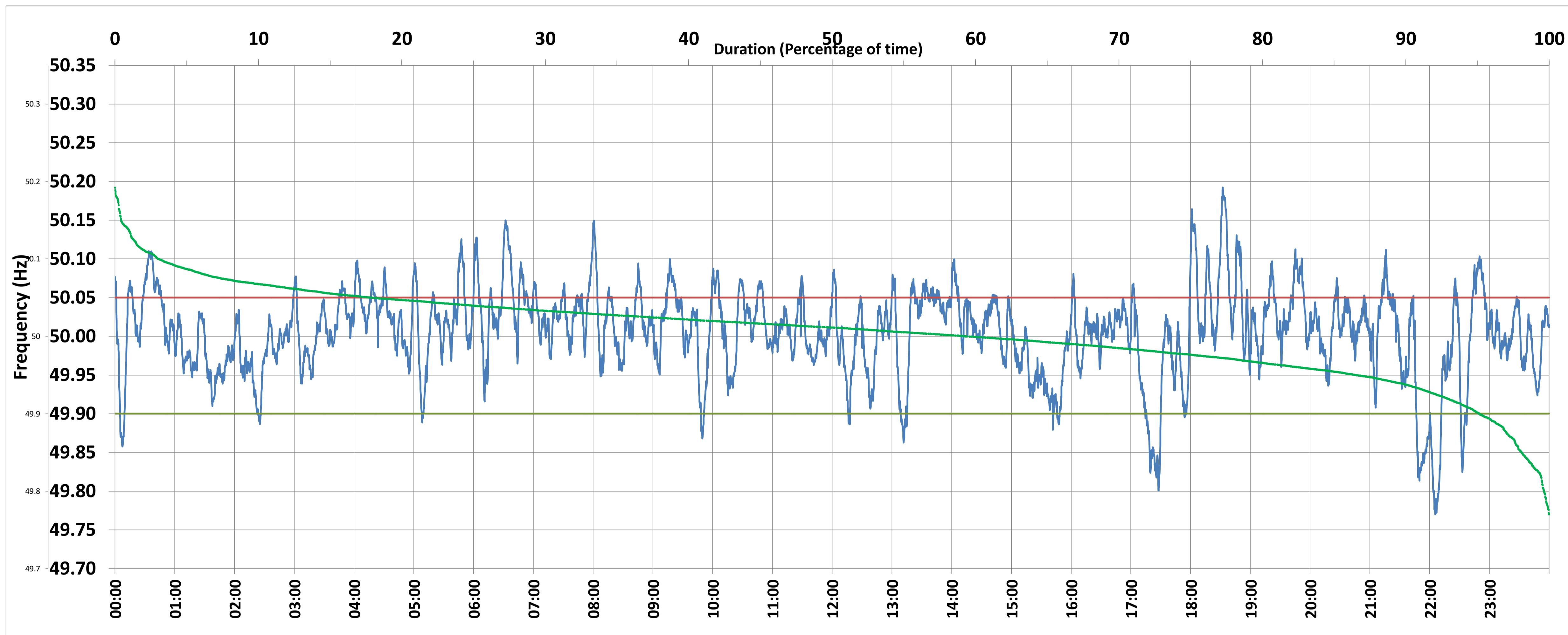


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-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	4.87	21.74	0.36	4.51	35.56	56.53	3.04	77.22	100.00	45.51	14.91	59.40	32.75	17.91	0.00	13.38	68.72	8.51

Average Frequency : 50.005	Frequency Variation Index : 0.0321	Standard Deviation : 0.0564	Mileage: 34.1	FDI: 22.8
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Instantaneous Frequency		
Max	50.192	18:32:10
Min	49.770	22:05:30

15 minute Average Frequency		
Max	50.099	18:45:00
Min	49.848	17:30:00

No. of excursions	
above 50.03 Hz	131
below 49.97 Hz	76
above 50.00 Hz	139
below 50.00 Hz	135

Average time freq per excursion remains	
below 49.97	0:04:07
above 50.03	0:03:36

No. of hours freq outside 49.9-50.05 Hz	5:28:00
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Source : SLPR4:Frequency 10 Sec. (8640 samples)