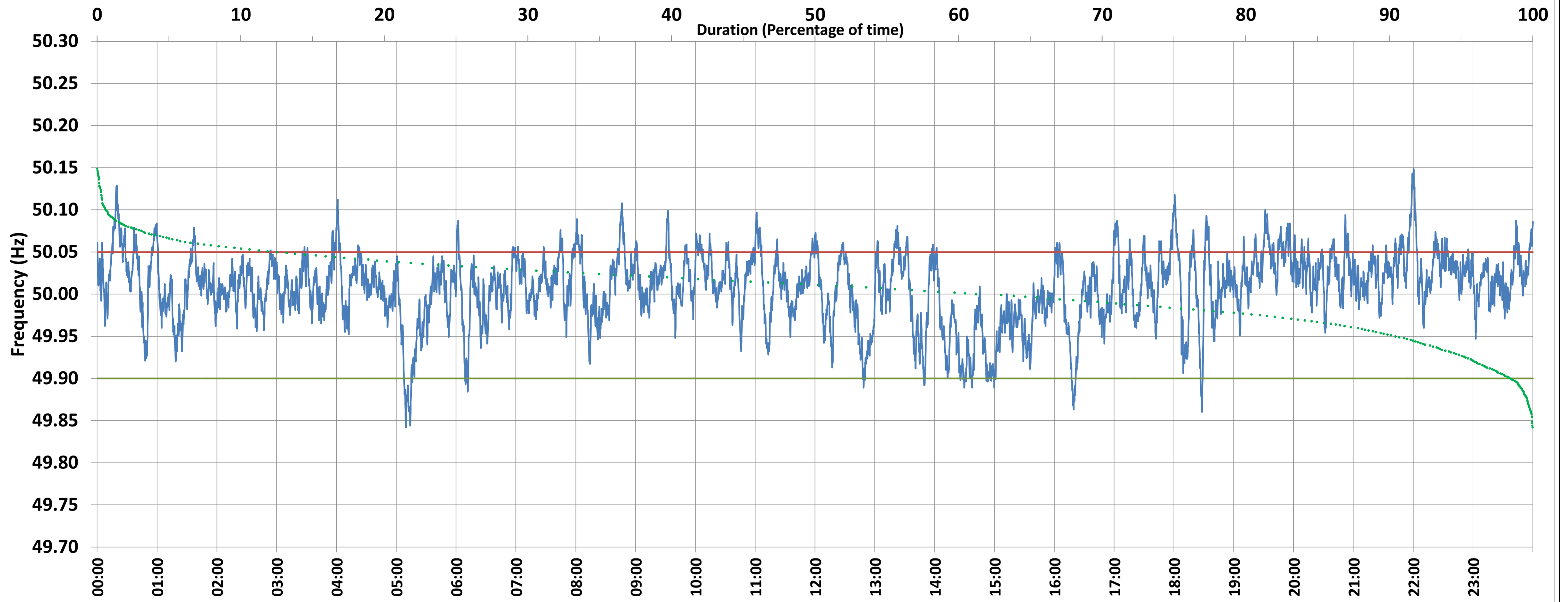


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-Oct-2020 (Saturday)



<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	1.48	15.89	0.00	1.48	35.56	62.33	0.64	86.01	100.00	55.58	12.59	61.20	28.53	12.51	0.00	10.00	78.17	8.52

Average Frequency : 50.007	Frequency Variation Index : 0.0176	Standard Deviation : 0.0414	Mileage: 47.6	FDI: 14.0
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Instantaneous Frequency		
Max	50.149	22:00:20
Min	49.842	5:09:30

15 minute Average Frequency		
Max	50.073	0:30:00
Min	49.927	15:00:00

No. of excursions	
above 50.03 Hz	219
below 49.97 Hz	104
above 50.00 Hz	153
below 50.00 Hz	146

Average time freq per excursion remains	
below 49.97	0:02:12
above 50.03	0:01:53

No. of hours freq outside 49.9-50.05 Hz	3:21:30
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)