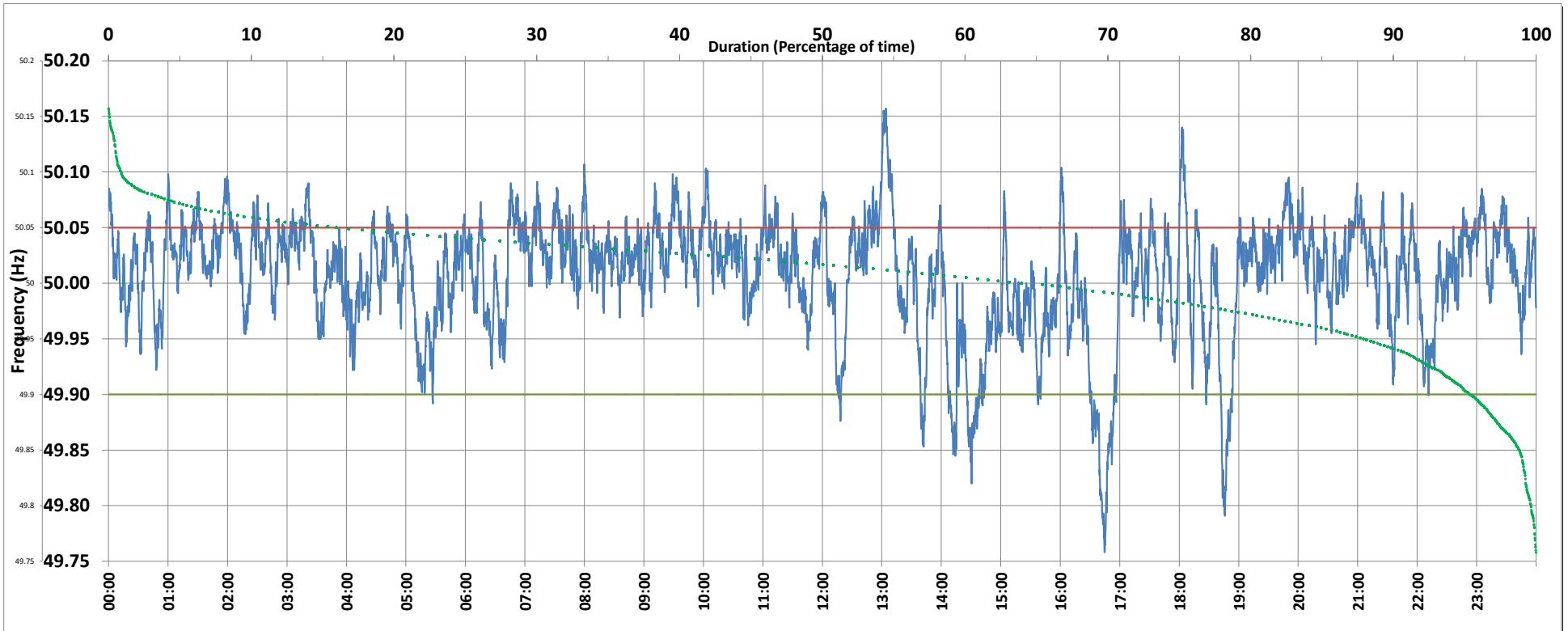


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-Oct-2019 (Tuesday)



<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	4.51	18.74	0.36	4.16	30.06	64.54	0.89	79.54	100.00	44.94	15.94	63.95	36.32	15.95	0.00	11.90	72.15	7.38

Average Frequency : 50.007	Frequency Variation Index : 0.0271	Standard Deviation : 0.0515	Mileage: 49.9	FDI: 20.5
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Instantaneous Frequency		
Max	50.157	13:04:00
Min	49.758	16:44:40

15 minute Average Frequency		
Max	50.097	13:15:00
Min	49.849	16:45:00

No. of excursions	
above 50.03 Hz	202
below 49.97 Hz	93
above 50.00 Hz	125
below 50.00 Hz	134

Average time freq per excursion remains	
below 49.97	0:02:54
above 50.03	0:02:35

No. of hours freq outside 49.9-50.05 Hz	4:54:40
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)