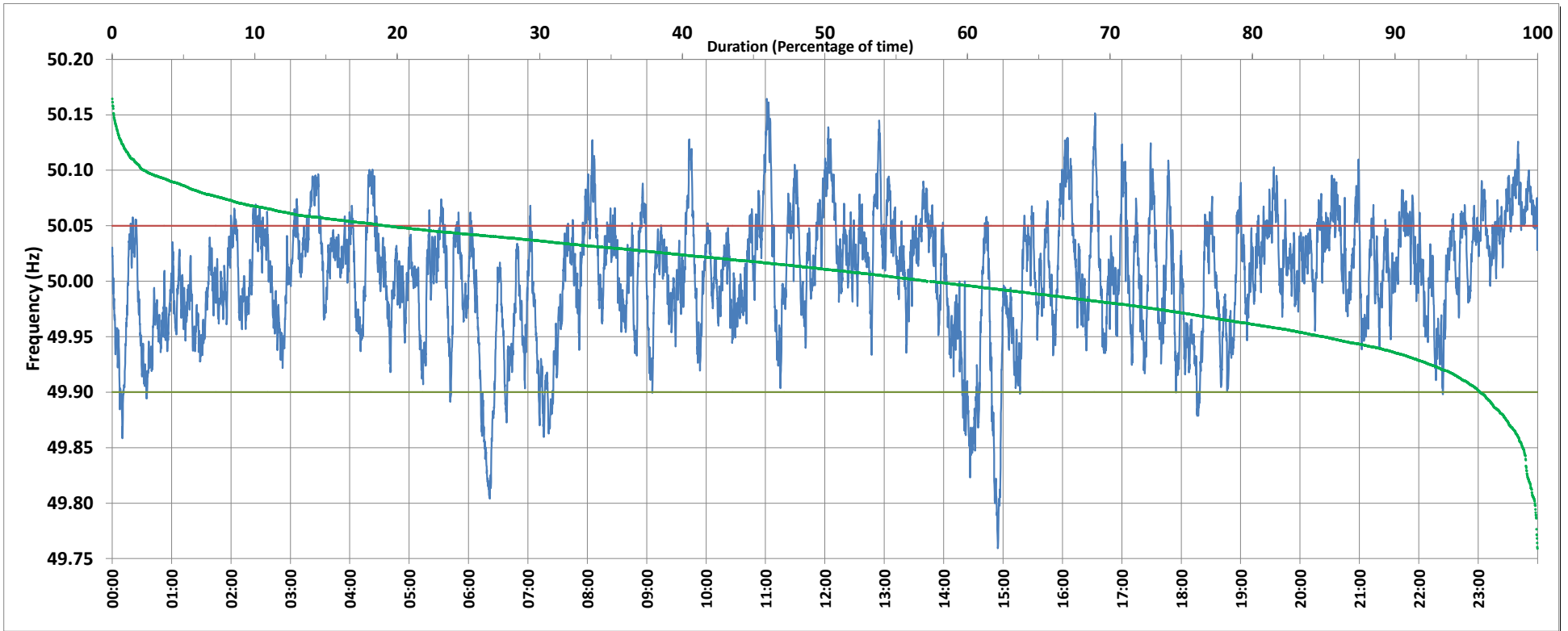


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-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	4.04	24.17	0.20	3.84	38.56	55.13	2.27	76.74	100.00	40.81	17.03	57.16	35.02	19.22	0.00	14.94	65.83	10.90

Average Frequency : 50.005	Frequency Variation Index : 0.0302	Standard Deviation : 0.0548	Mileage: 57.9	FDI: 23.3
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Instantaneous Frequency		
Max	50.164	11:01:20
Min	49.759	14:54:40

15 minute Average Frequency		
Max	50.081	23:45:00
Min	49.871	15:00:00

No. of excursions	
above 50.03 Hz	228
below 49.97 Hz	142
above 50.00 Hz	190
below 50.00 Hz	186

Average time freq per excursion remains	
below 49.97	0:02:27
above 50.03	0:02:13

No. of hours freq outside 49.9-50.05 Hz	5:35:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)