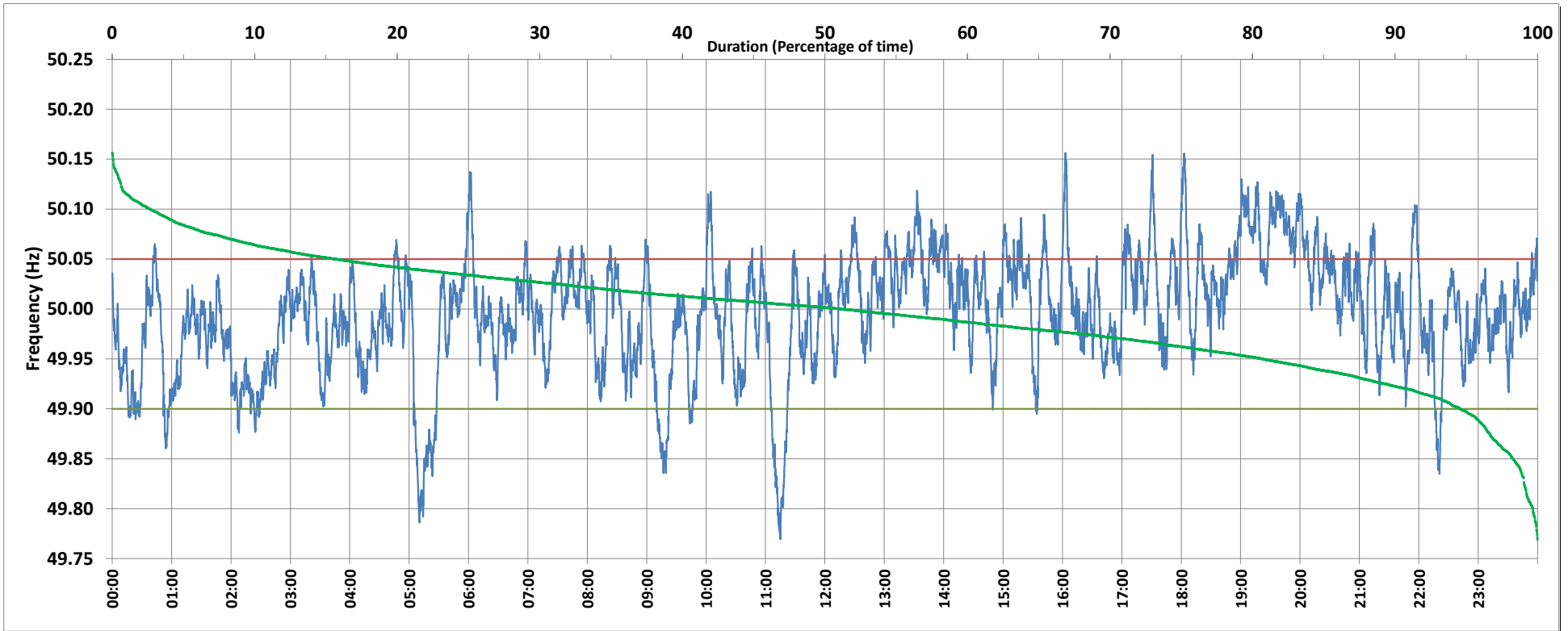


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Oct-2019 (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	5.43	28.94	0.34	5.09	43.30	48.61	2.66	78.92	100.00	43.39	13.08	51.11	27.67	15.65	0.00	19.29	65.06	13.87

Average Frequency : 49.996	Frequency Variation Index : 0.0332	Standard Deviation : 0.0575	Mileage: 46.8	FDI: 21.1
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Instantaneous Frequency		
Max	50.156	16:03:00
Min	49.769	11:15:00

15 minute Average Frequency		
Max	50.098	19:45:00
Min	49.872	5:30:00

No. of excursions	
above 50.03 Hz	155
below 49.97 Hz	125
above 50.00 Hz	173
below 50.00 Hz	175

Average time freq per excursion remains	
below 49.97	0:03:20
above 50.03	0:02:34

No. of hours freq outside 49.9-50.05 Hz	5:03:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)