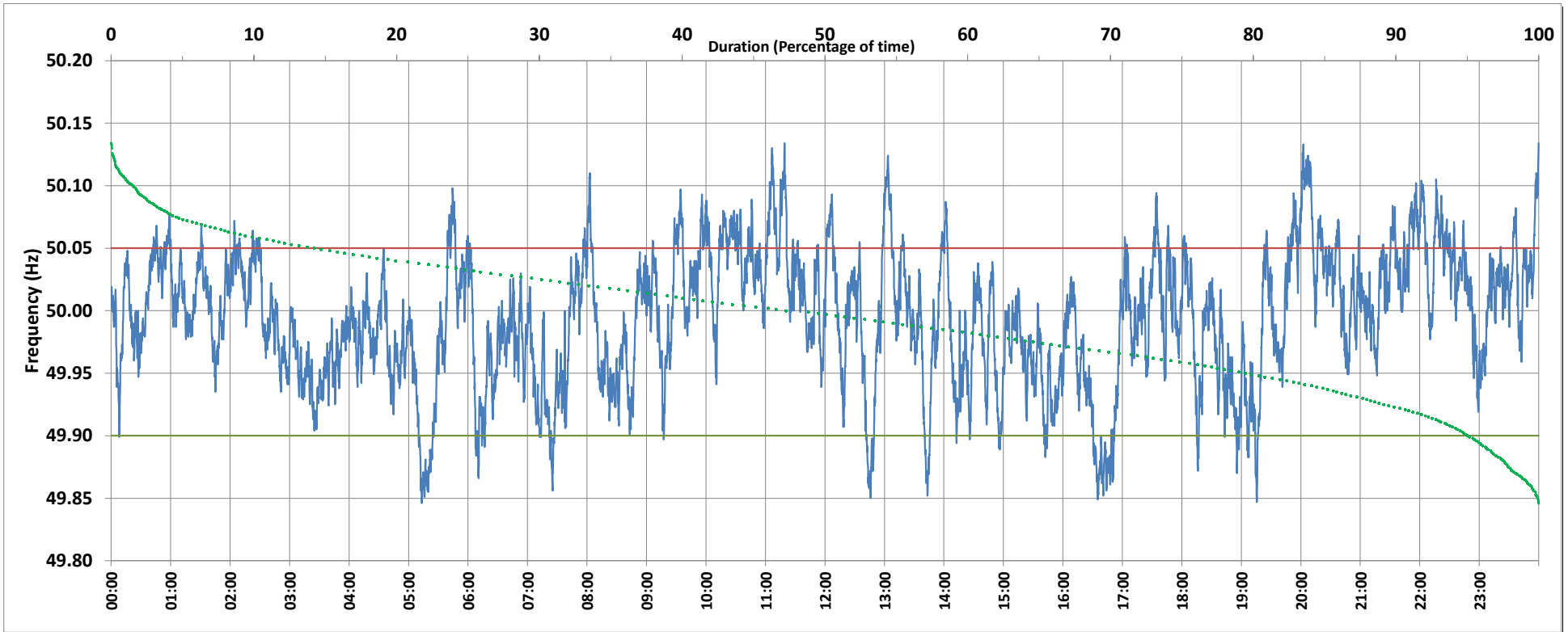


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Aug-2019 (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	4.86	31.49	0.00	4.86	46.32	47.26	1.56	80.93	100.00	41.92	13.19	47.26	26.59	14.21	0.00	20.17	65.61	15.31

Average Frequency : 49.994	Frequency Variation Index : 0.0282	Standard Deviation : 0.0527	Mileage: 47.3	FDI: 19.1
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Instantaneous Frequency		
Max	50.134	11:19:10
Min	49.846	5:13:10

15 minute Average Frequency		
Max	50.089	20:15:00
Min	49.877	16:45:00

No. of excursions	
above 50.03 Hz	131
below 49.97 Hz	121
above 50.00 Hz	124
below 50.00 Hz	111

Average time freq per excursion remains	
below 49.97	0:03:45
above 50.03	0:02:55

No. of hours freq outside 49.9-50.05 Hz	
	4:34:40

Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)