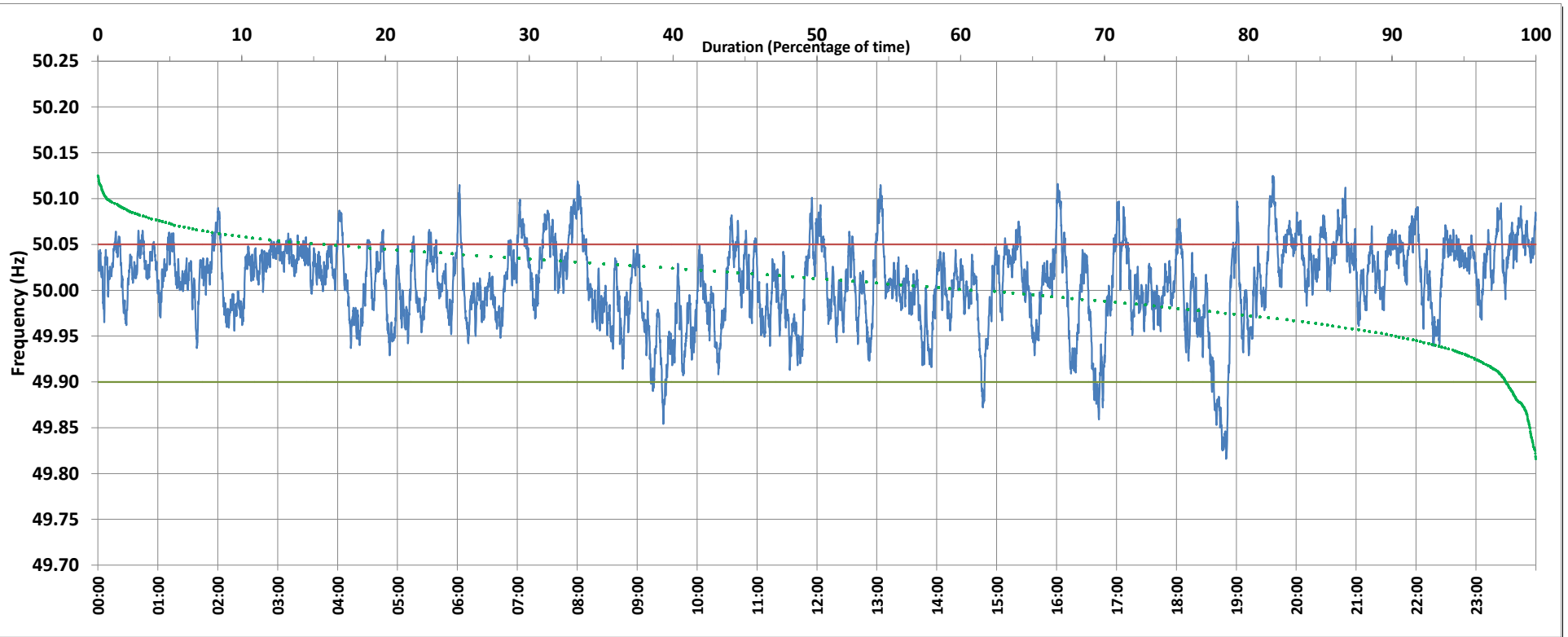


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-Sep-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	2.06	18.01	0.00	2.06	35.60	61.66	0.68	82.25	100.00	47.79	15.93	60.72	34.20	15.69	0.00	9.53	74.78	7.47

Average Frequency : 50.008	Frequency Variation Index : 0.0206	Standard Deviation : 0.0447	Mileage: 44.5	FDI: 17.8
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Instantaneous Frequency		
Max	50.125	19:36:30
Min	49.816	18:49:50

15 minute Average Frequency		
Max	50.064	19:45:00
Min	49.906	18:45:00

No. of excursions	
above 50.03 Hz	178
below 49.97 Hz	116
above 50.00 Hz	115
below 50.00 Hz	108

Average time freq per excursion remains	
below 49.97	0:02:14
above 50.03	0:02:46

No. of hours freq outside 49.9-50.05 Hz	4:15:40
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)