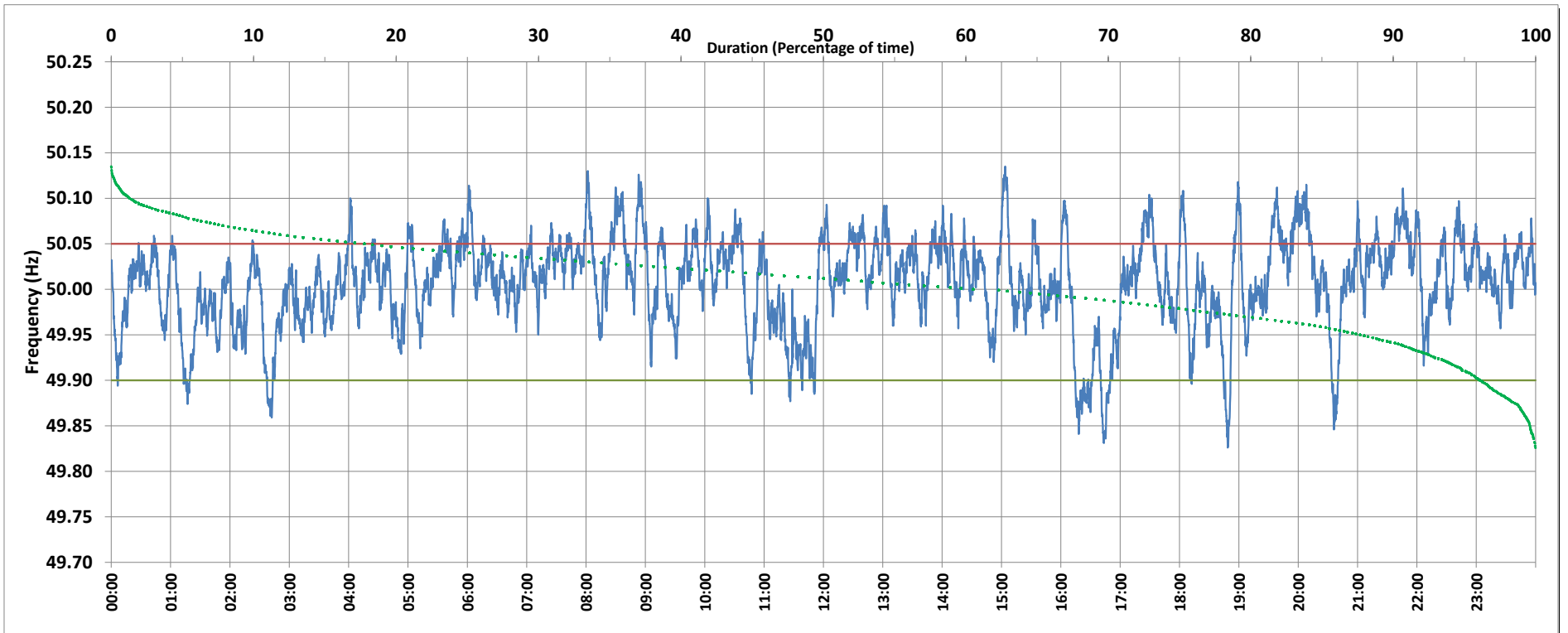


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 31-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	3.78	19.87	0.00	3.78	33.92	60.88	1.41	78.45	100.00	46.57	17.05	60.50	33.55	17.77	0.00	12.04	70.20	8.25

Average Frequency : 50.007	Frequency Variation Index : 0.0251	Standard Deviation : 0.0496	Mileage: 44.7	FDI: 21.6
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Instantaneous Frequency		
Max	50.135	15:03:40
Min	49.826	18:48:40

15 minute Average Frequency		
Max	50.074	20:15:00
Min	49.879	16:30:00

No. of excursions	
above 50.03 Hz	168
below 49.97 Hz	86
above 50.00 Hz	112
below 50.00 Hz	110

Average time freq per excursion remains	
below 49.97	0:03:20
above 50.03	0:02:53

No. of hours freq outside 49.9-50.05 Hz	5:10:20
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)