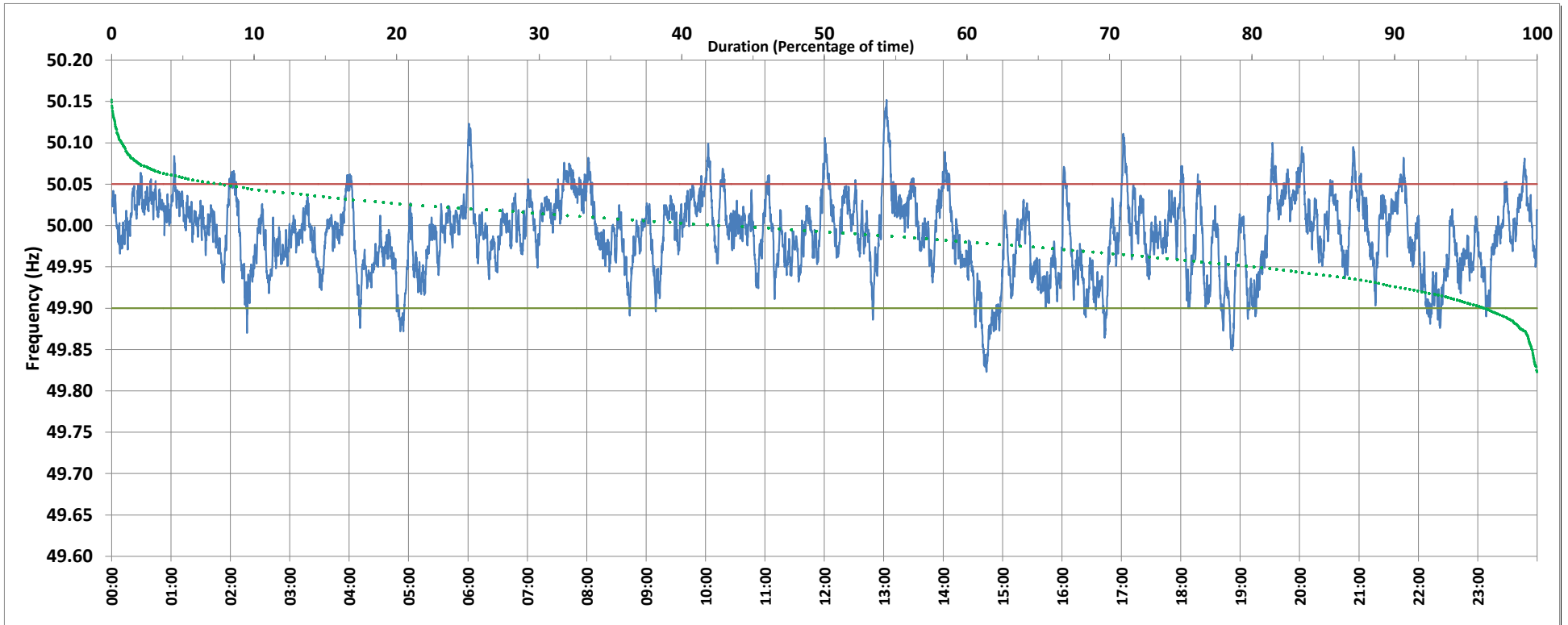


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-Sep-2018 (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
0.0	3.6	31.8	0.0	3.6	52.2	43.5	0.7	88.8	100.0	50.4	7.2	42.6	17.8	7.6	0.0	19.3	73.1	15.8

Average Frequency : 49.989	Frequency Variation Index : 0.023	Standard Deviation : 0.046	Mileage: 45.6	FDI: 11.2
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Instantaneous Frequency		
Max	50.152	13:02:40
Min	49.823	14:43:40

15 minute Average Frequency		
Max	50.072	13:15:00
Min	49.884	14:45:00

No. of excursions	
above 50.03 Hz	124
below 49.97 Hz	137
above 50.00 Hz	150
below 50.00 Hz	138

Average time freq per excursion remains	
below 49.97	0:03:21
above 50.03	0:02:04

No. of hours freq outside 49.9-50.05 Hz	2:40:50
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)