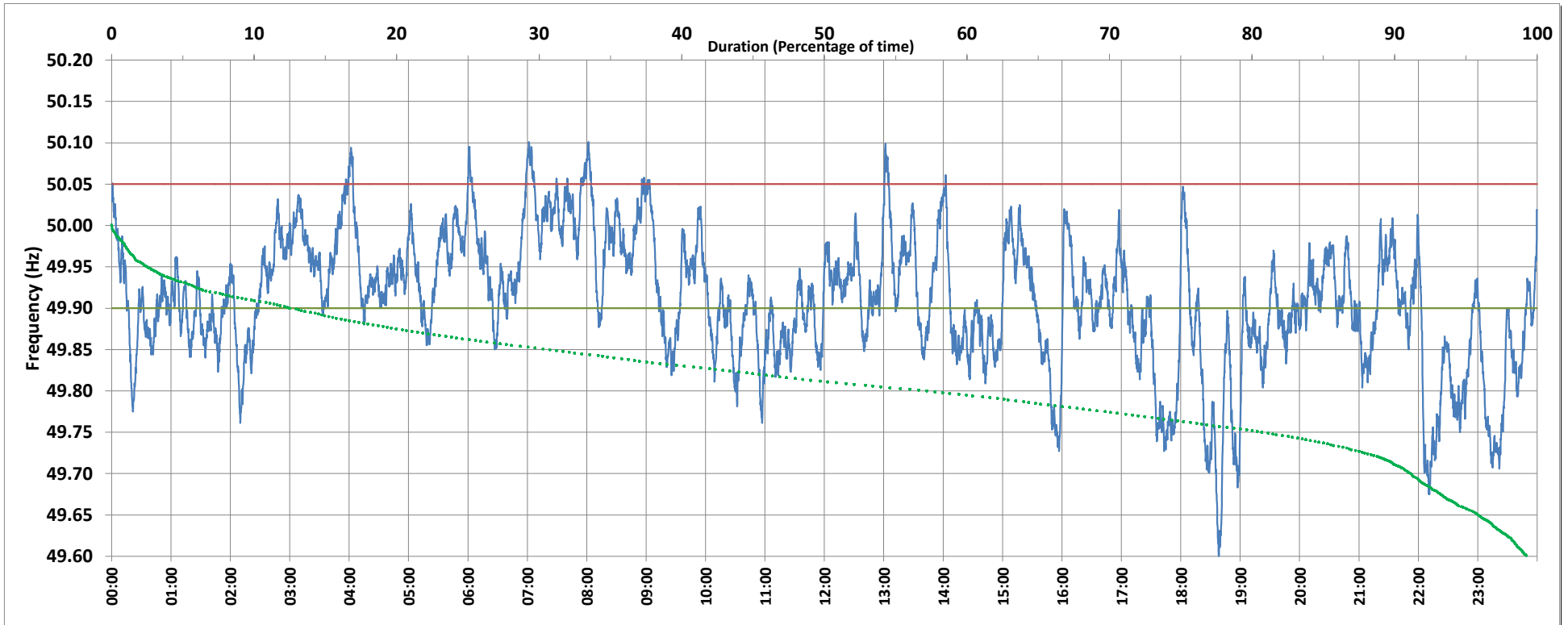


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-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
0.7	42.2	77.8	8.1	33.4	44.8	12.9	0.0	55.2	99.3	16.9	2.6	12.5	5.2	2.5	0.0	68.8	28.7	26.6

Average Frequency : 49.910	Frequency Variation Index : 0.144	Standard Deviation : 0.079	Mileage: 42.2	FDI: 44.8
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Instantaneous Frequency		
Max	50.101	7:01:30
Min	49.600	18:38:20

15 minute Average Frequency		
Max	50.036	7:15:00
Min	49.712	18:45:00

No. of excursions	
above 50.03 Hz	29
below 49.97 Hz	73
above 50.00 Hz	36
below 50.00 Hz	34

Average time freq per excursion remains	
below 49.97	0:15:21
above 50.03	0:02:36

No. of hours freq outside 49.9-50.05 Hz	10:44:30
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)