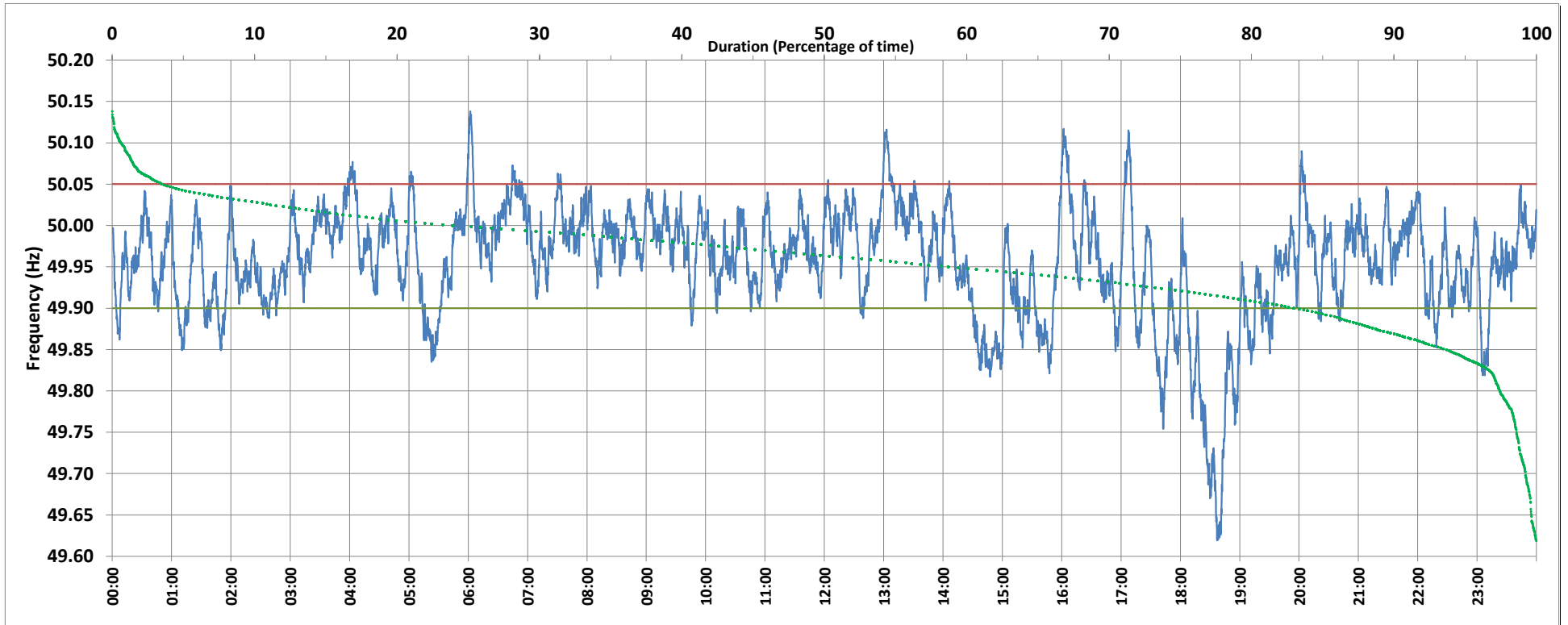


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-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
0.8	16.7	53.5	1.8	14.1	58.1	24.5	0.7	79.9	99.2	37.2	3.1	23.9	9.4	3.5	0.0	40.6	55.9	23.9

Average Frequency : 49.955	Frequency Variation Index : 0.065	Standard Deviation : 0.067	Mileage: 45.4	FDI: 20.1
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Instantaneous Frequency		
Max	50.138	6:01:50
Min	49.619	18:37:10

15 minute Average Frequency		
Max	50.061	13:15:00
Min	49.679	18:45:00

No. of excursions	
above 50.03 Hz	63
below 49.97 Hz	121
above 50.00 Hz	114
below 50.00 Hz	122

Average time freq per excursion remains	
below 49.97	0:06:22
above 50.03	0:02:08

No. of hours freq outside 49.9-50.05 Hz	4:49:50
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)