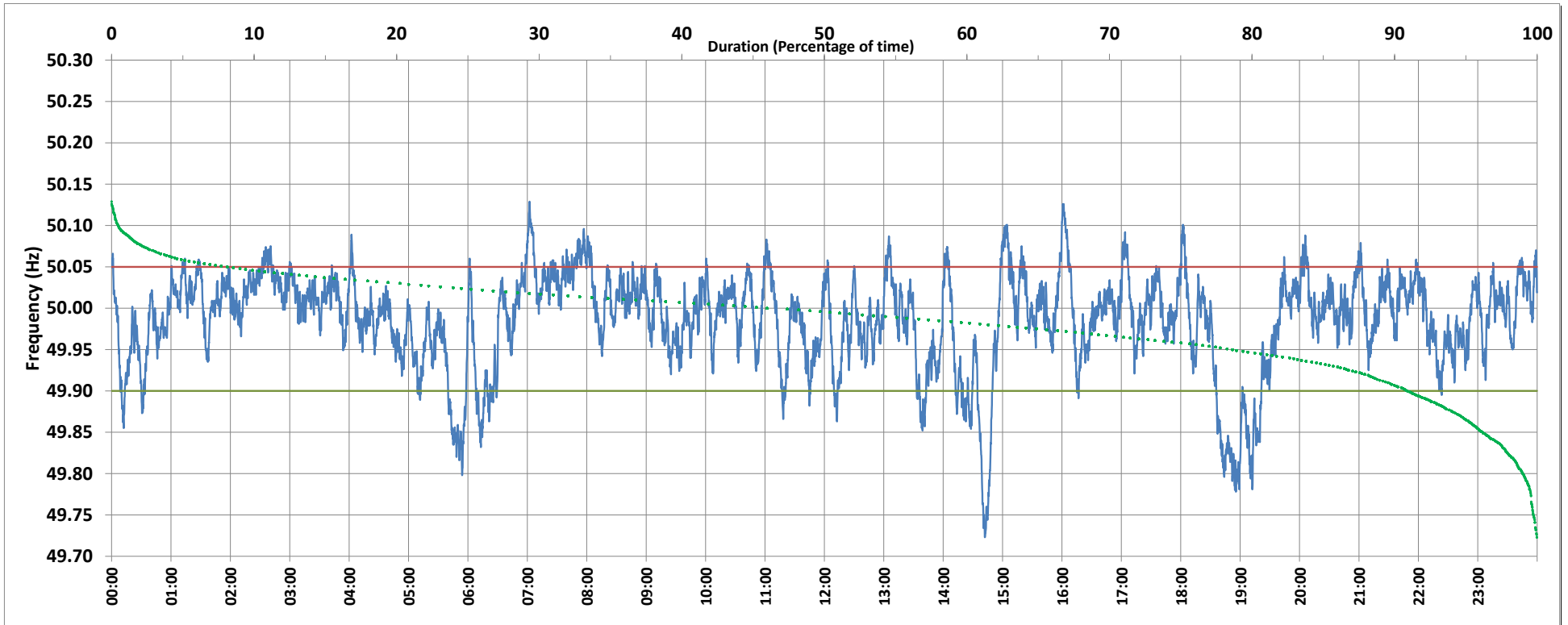


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Sep-2018 (Tuesday)



<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	8.9	31.3	0.9	8.0	43.7	46.9	0.5	82.9	100.0	48.5	8.1	46.0	20.2	8.1	0.0	21.1	70.8	12.1

Average Frequency : 49.985	Frequency Variation Index : 0.036	Standard Deviation : 0.058	Mileage: 47.5	FDI: 17.1
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Instantaneous Frequency		
Max	50.129	7:02:10
Min	49.723	14:42:00

15 minute Average Frequency		
Max	50.062	8:00:00
Min	49.812	19:00:00

No. of excursions	
above 50.03 Hz	153
below 49.97 Hz	110
above 50.00 Hz	138
below 50.00 Hz	137

Average time freq per excursion remains	
below 49.97	0:04:06
above 50.03	0:01:54

No. of hours freq outside 49.9-50.05 Hz	4:05:50
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)