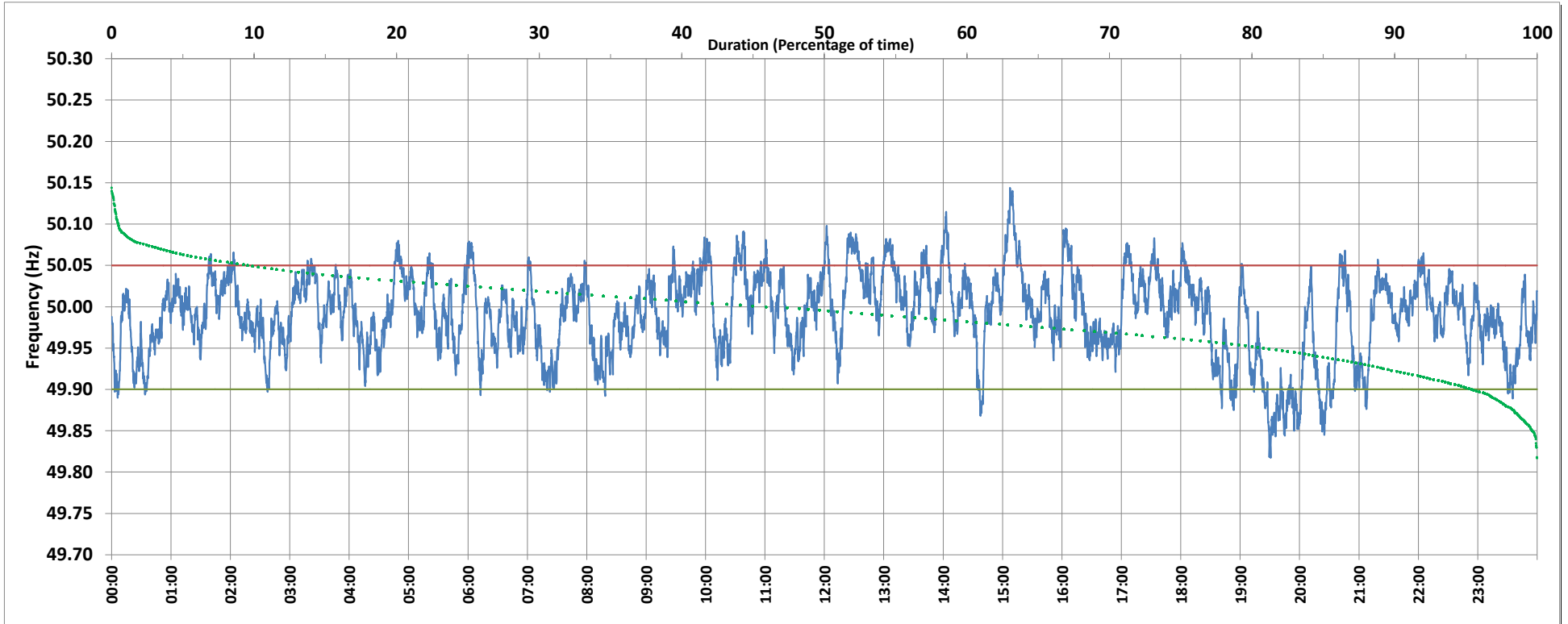


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Jul-2018 (Sunday)



<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	4.5	30.3	0.0	4.5	48.1	46.9	0.5	86.0	100.0	48.5	9.4	45.9	21.2	9.5	0.0	18.8	71.7	14.4

Average Frequency : 49.991	Frequency Variation Index : 0.024	Standard Deviation : 0.049	Mileage: 47.6	FDI: 14.0
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Instantaneous Frequency		
Max	50.144	15:07:30
Min	49.817	19:30:40

15 minute Average Frequency		
Max	50.089	15:15:00
Min	49.869	19:45:00

No. of excursions	
above 50.03 Hz	145
below 49.97 Hz	146
above 50.00 Hz	142
below 50.00 Hz	135

Average time freq per excursion remains	
below 49.97	0:02:59
above 50.03	0:02:06

No. of hours freq outside 49.9-50.05 Hz	3:21:30
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)