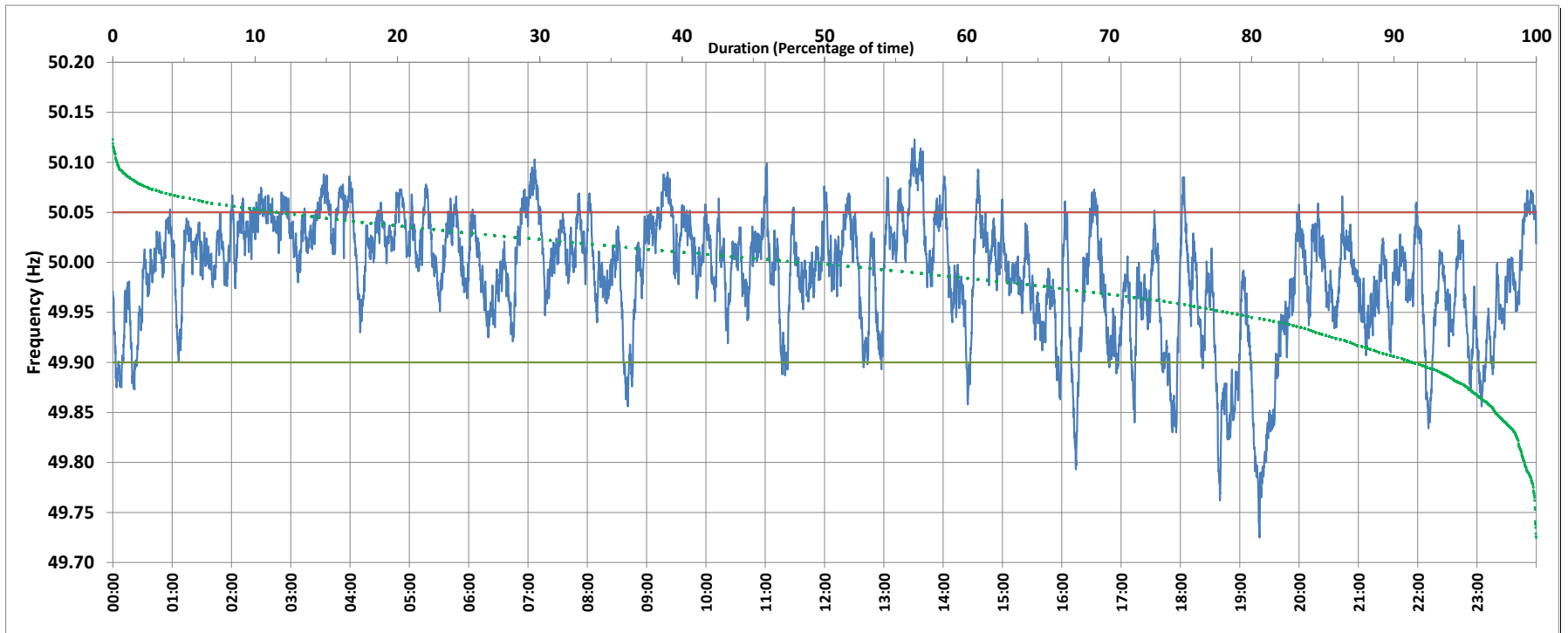


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Aug-2018 (Friday)



<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	8.5	30.6	0.8	7.7	41.8	49.3	0.3	79.9	100.0	44.9	11.9	48.0	24.5	11.5	0.0	21.4	67.1	12.8

Average Frequency : 49.989	Frequency Variation Index : 0.035	Standard Deviation : 0.058	Mileage: 48.1	FDI: 20.1
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Instantaneous Frequency	
Max	50.123 13:31:00
Min	49.725 19:20:00

15 minute Average Frequency	
Max	50.067 13:45:00
Min	49.795 19:30:00

No. of excursions	
above 50.03 Hz	147
below 49.97 Hz	112
above 50.00 Hz	116
below 50.00 Hz	111

Average time freq per excursion remains	
below 49.97	0:03:56
above 50.03	0:02:24

No. of hours freq outside 49.9-50.05 Hz	4:48:50
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)