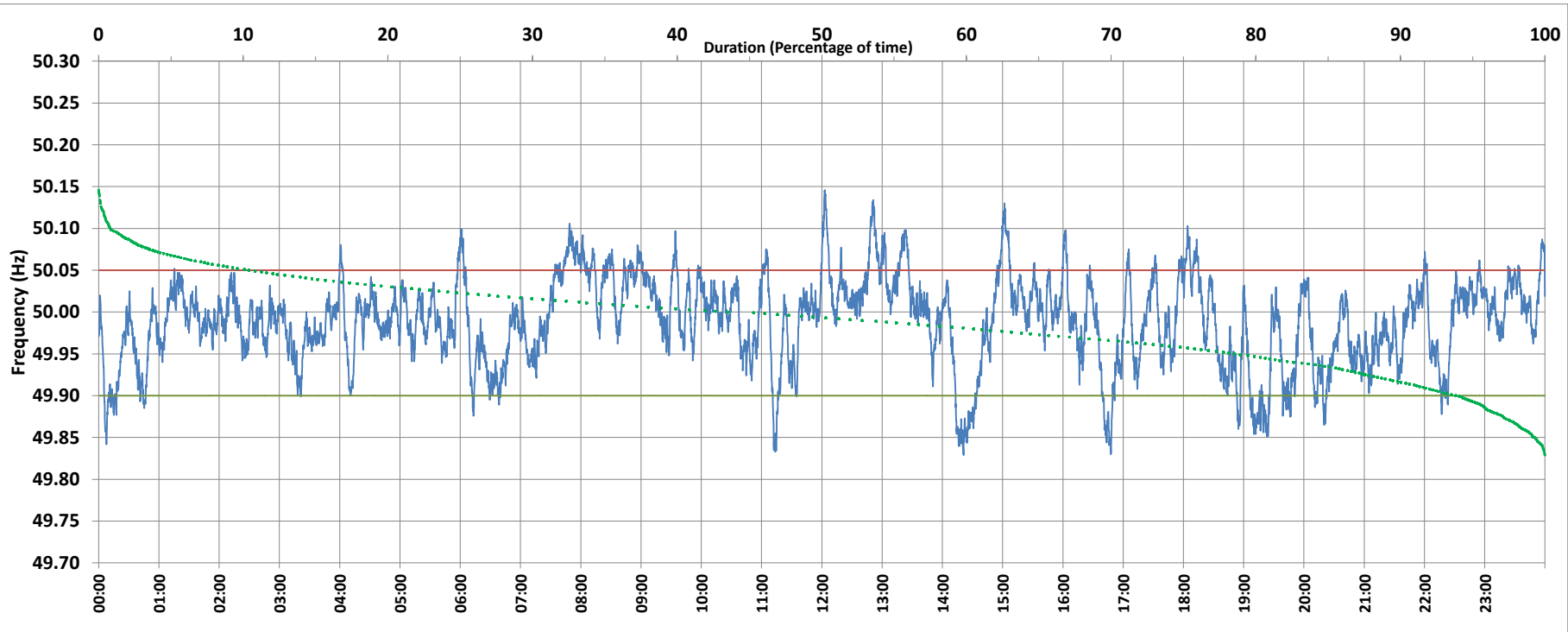


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 31-Jul-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	5.9	32.2	0.0	5.9	48.8	44.4	0.8	83.7	100.0	47.6	10.0	43.4	20.3	10.4	0.0	21.1	68.5	15.2

Average Frequency : 49.989	Frequency Variation Index : 0.028	Standard Deviation : 0.052	Mileage: 44.3	FDI: 16.3
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Instantaneous Frequency			
Max	50.146	12:02:40	
Min	49.829	14:21:00	

15 minute Average Frequency			
Max	50.079	13:00:00	
Min	49.858	14:30:00	

No. of excursions	
above 50.03 Hz	106
below 49.97 Hz	115
above 50.00 Hz	139
below 50.00 Hz	134

Average time freq per excursion remains	
below 49.97	0:04:02
above 50.03	0:02:45

No. of hours freq outside 49.9-50.05 Hz	3:54:50
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)