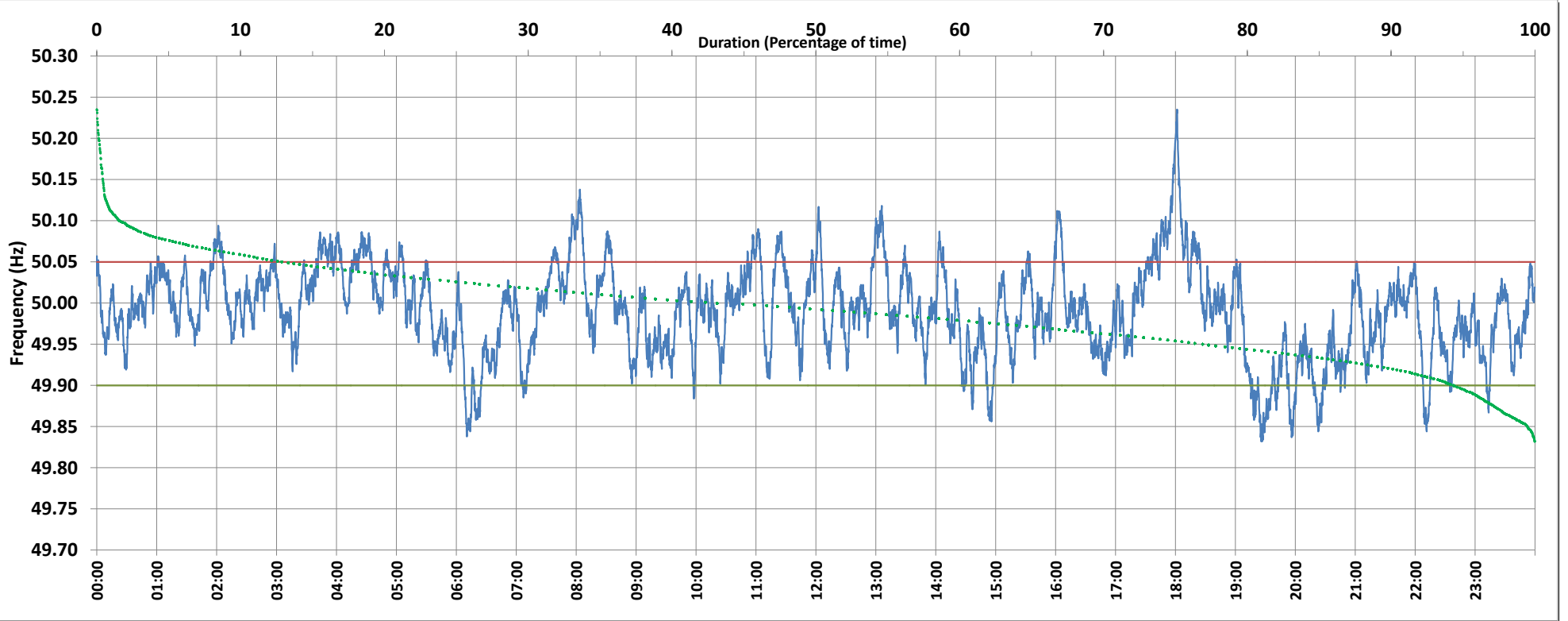


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-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	5.6	33.6	0.0	5.6	49.5	43.3	1.5	81.5	99.8	43.9	11.8	43.1	22.5	12.9	0.2	22.7	64.4	17.1

Average Frequency : 49.990	Frequency Variation Index : 0.031	Standard Deviation : 0.055	Mileage: 43.5	FDI: 18.5
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Instantaneous Frequency		
Max	50.235	18:01:40
Min	49.832	19:25:50

15 minute Average Frequency		
Max	50.107	18:00:00
Min	49.871	19:30:00

No. of excursions	
above 50.03 Hz	106
below 49.97 Hz	114
above 50.00 Hz	130
below 50.00 Hz	129

Average time freq per excursion remains	
below 49.97	0:04:14
above 50.03	0:03:03

No. of hours freq outside 49.9-50.05 Hz	4:25:50
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)