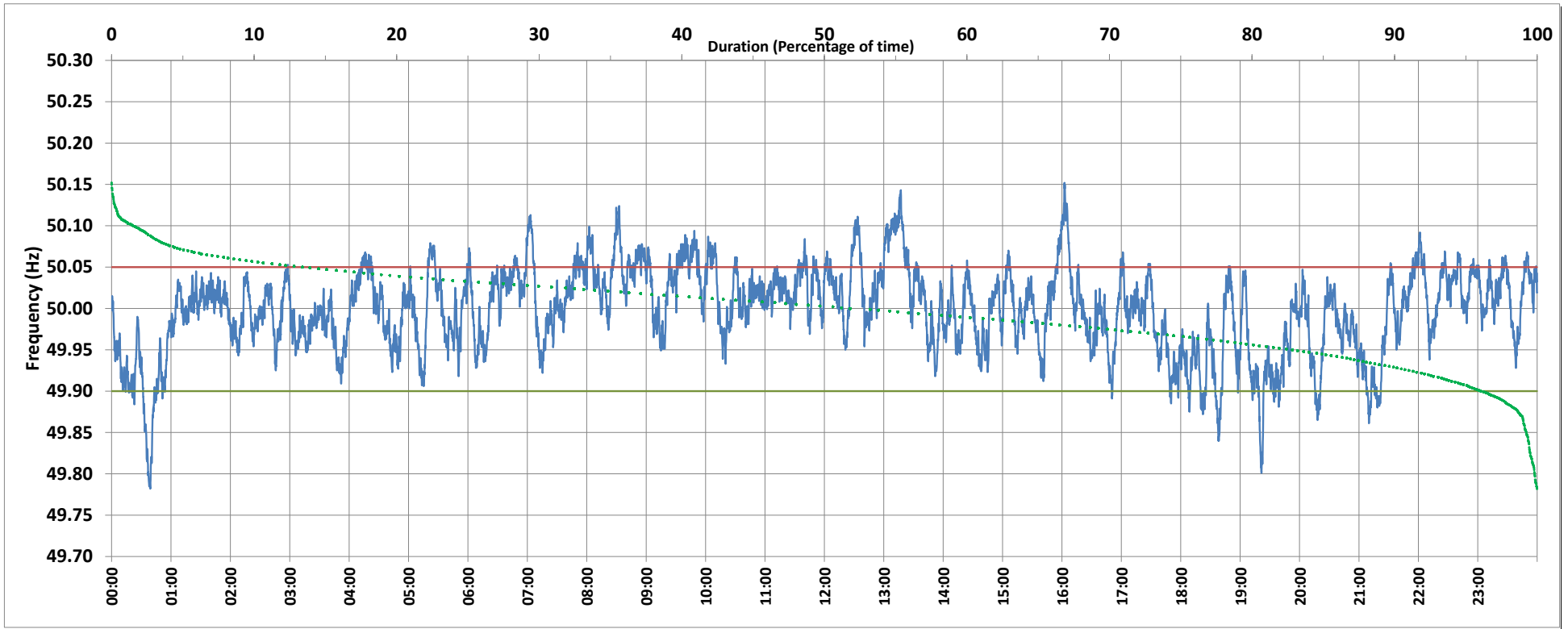


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Jul-2018 (Monday)



<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	3.8	26.6	0.2	3.6	43.1	51.6	1.6	82.9	100.0	45.9	12.4	51.8	27.5	13.4	0.0	16.8	69.8	13.1

Average Frequency : 49.998	Frequency Variation Index : 0.026	Standard Deviation : 0.051	Mileage: 46.6	FDI: 17.1
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Instantaneous Frequency		
Max	50.152	16:02:30
Min	49.782	0:39:00

15 minute Average Frequency		
Max	50.094	13:15:00
Min	49.855	0:45:00

No. of excursions	
above 50.03 Hz	162
below 49.97 Hz	104
above 50.00 Hz	121
below 50.00 Hz	120

Average time freq per excursion remains	
below 49.97	0:03:41
above 50.03	0:02:27

No. of hours freq outside 49.9-50.05 Hz	4:06:40
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)