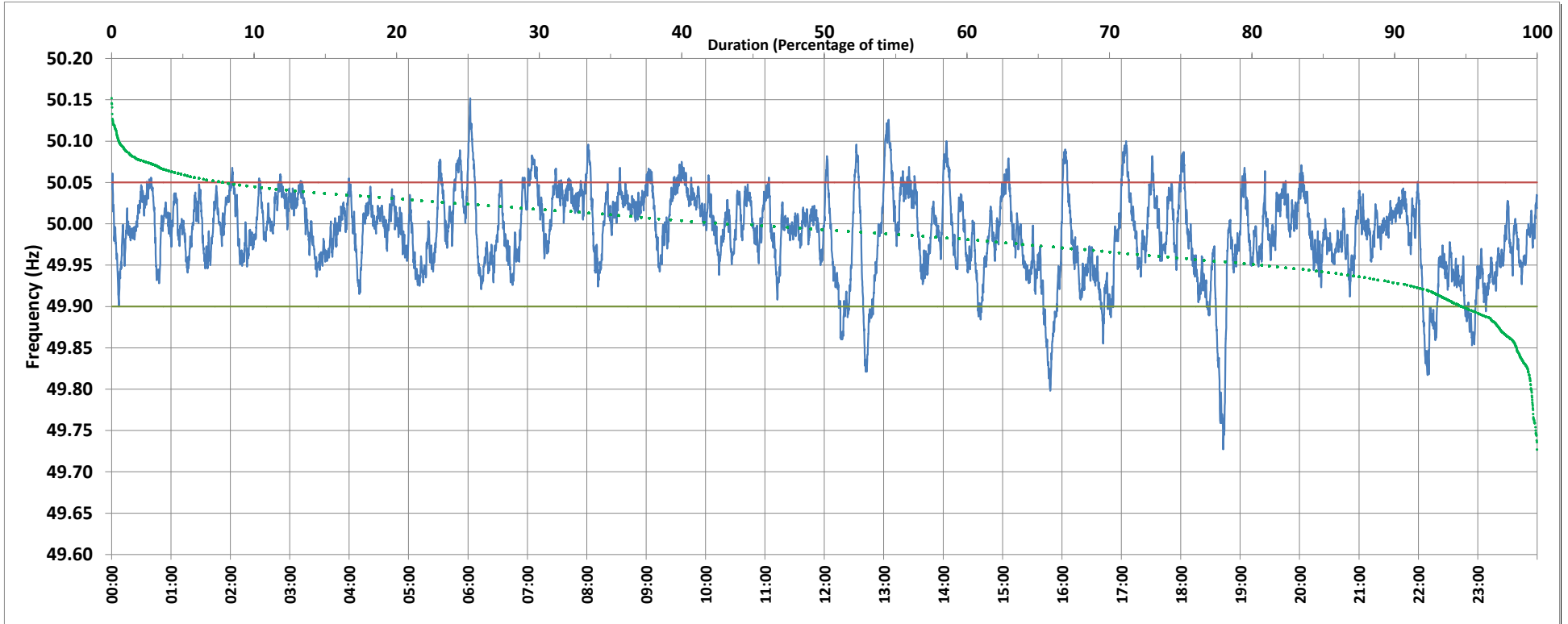


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Sep-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	5.2	31.7	0.4	4.8	49.9	44.4	0.5	87.0	100.0	47.8	7.7	43.2	20.4	7.8	0.0	18.8	73.4	13.6

Average Frequency : 49.989	Frequency Variation Index : 0.027	Standard Deviation : 0.050	Mileage: 42.1	FDI: 13.0
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Instantaneous Frequency		
Max	50.152	6:02:10
Min	49.727	18:42:50

15 minute Average Frequency		
Max	50.059	13:15:00
Min	49.852	18:45:00

No. of excursions	
above 50.03 Hz	130
below 49.97 Hz	101
above 50.00 Hz	104
below 50.00 Hz	108

Average time freq per excursion remains	
below 49.97	0:04:31
above 50.03	0:02:16

No. of hours freq outside 49.9-50.05 Hz	3:06:40
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)