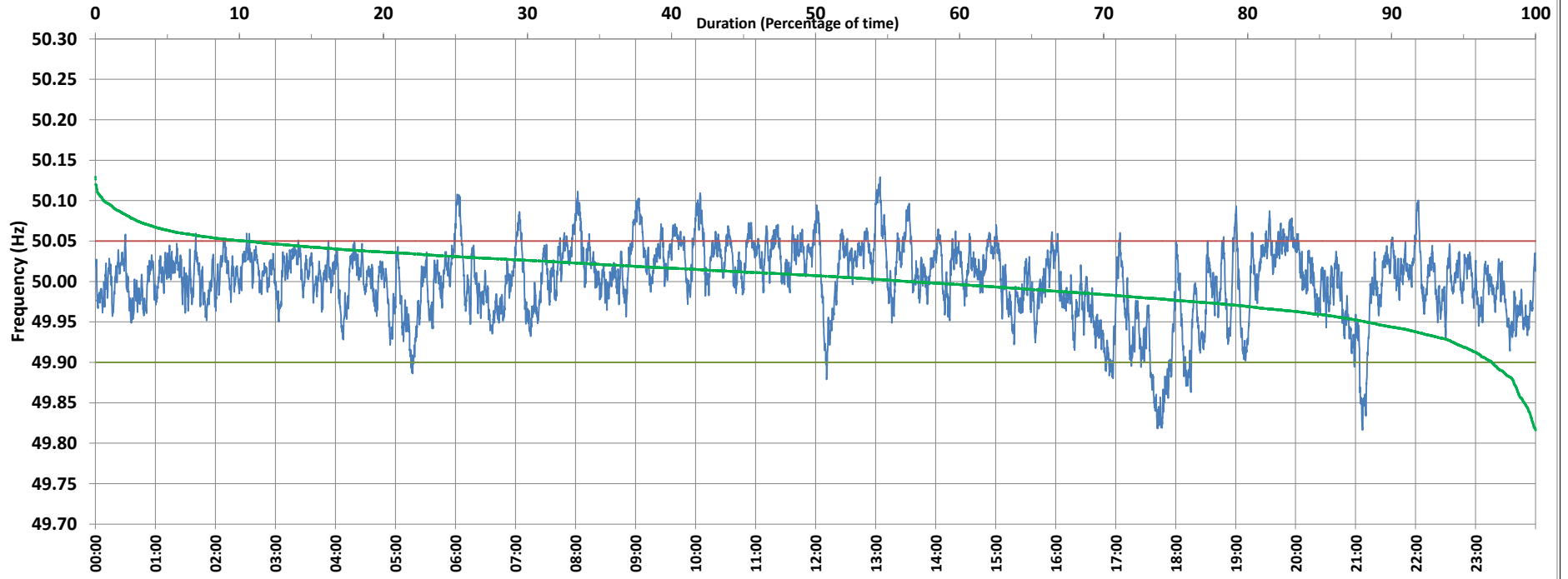


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Sep-2020 (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
0.00	3.04	20.37	0.00	3.04	40.41	55.96	0.59	86.57	100.00	53.85	9.84	56.40	25.78	10.38	0.00	10.00	77.88	6.96

Average Frequency : 50.001	Frequency Variation Index : 0.0202	Standard Deviation : 0.0449	Mileage: 46.4	FDI: 13.4
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Instantaneous Frequency		
Max	50.129	13:04:30
Min	49.816	21:06:50

15 minute Average Frequency		
Max	50.060	13:15:00
Min	49.882	17:45:00

No. of excursions	
above 50.03 Hz	197
below 49.97 Hz	131
above 50.00 Hz	211
below 50.00 Hz	205

Average time freq per excursion remains	
below 49.97	0:02:14
above 50.03	0:01:53

No. of hours freq outside 49.9-50.05 Hz	3:13:20
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)