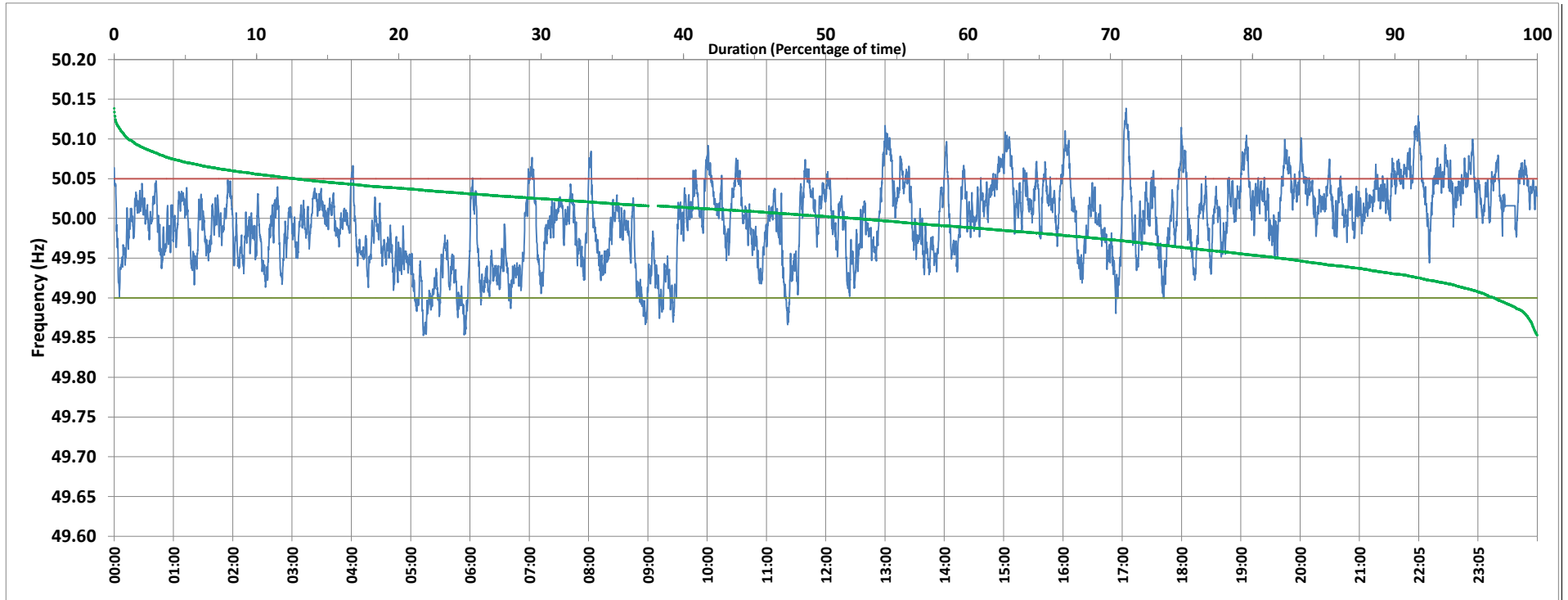


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 25-Sep-2020 (Friday)



<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	3.01	28.19	0.00	3.01	44.85	51.16	0.98	84.32	100.00	45.93	11.76	52.06	25.88	12.67	0.00	10.00	69.22	6.99

Average Frequency : 49.997	Frequency Variation Index : 0.0235	Standard Deviation : 0.0485	Mileage: 46.0	FDI: 15.7
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Instantaneous Frequency		
Max	50.139	17:04:00
Min	49.853	5:12:50

15 minute Average Frequency		
Max	50.077	22:00:00
Min	49.897	6:00:00

No. of excursions	
above 50.03 Hz	166
below 49.97 Hz	125
above 50.00 Hz	182
below 50.00 Hz	184

Average time freq per excursion remains	
below 49.97	0:03:15
above 50.03	0:02:15

No. of hours freq outside 49.9-50.05 Hz	3:45:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)