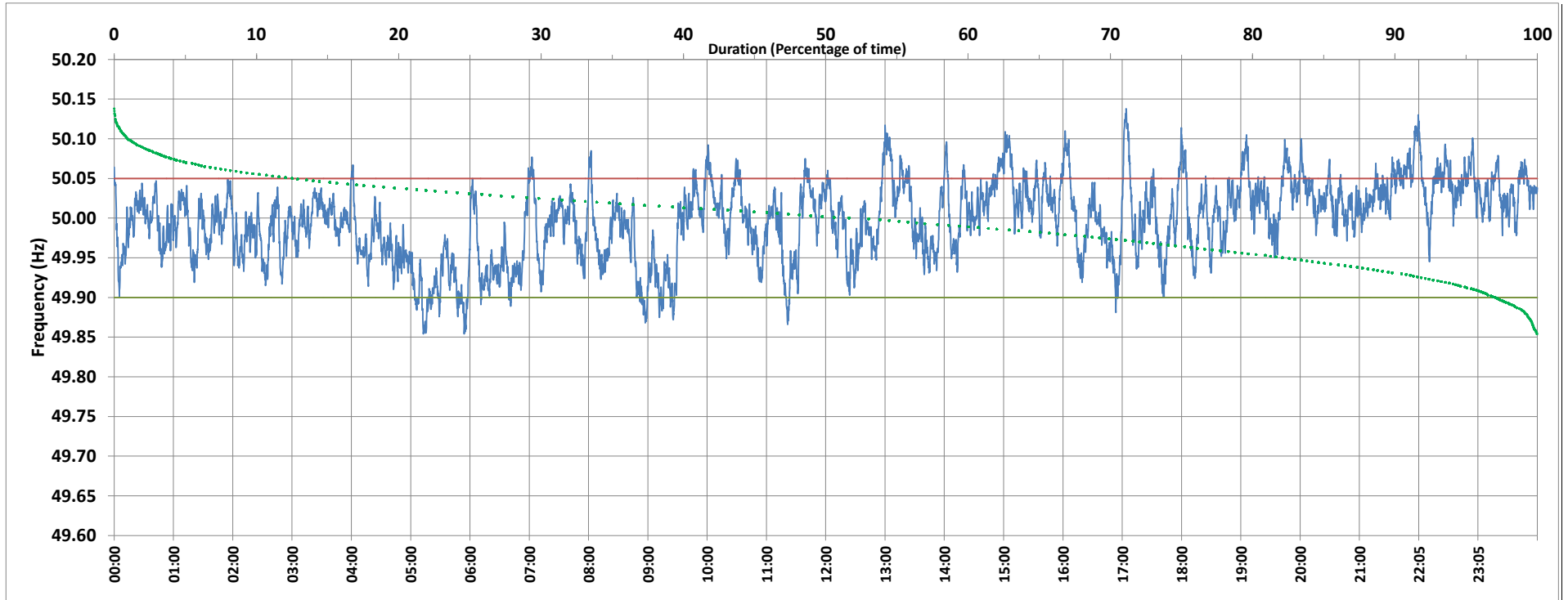


POWER SYSTEM OPERATION CORPORATION LIMITED

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	2.84	27.44	0.00	2.84	44.14	52.03	1.00	84.65	100.00	46.74	11.94	51.63	25.82	12.51	0.00	10.00	70.06	7.16

Average Frequency : 49.998	Frequency Variation Index : 0.0231	Standard Deviation : 0.0481	Mileage: 46.6	FDI: 15.3
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Instantaneous Frequency		
Max	50.138	17:04:00
Min	49.854	5:12:50

15 minute Average Frequency		
Max	50.077	22:00:00
Min	49.898	6:00:00

No. of excursions	
above 50.03 Hz	147
below 49.97 Hz	115
above 50.00 Hz	138
below 50.00 Hz	135

Average time freq per excursion remains	
below 49.97	0:03:26
above 50.03	0:02:32

No. of hours freq outside 49.9-50.05 Hz	3:41:00
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Source : SARUSUJAI:Frequency 10 Sec. (8640 samples)