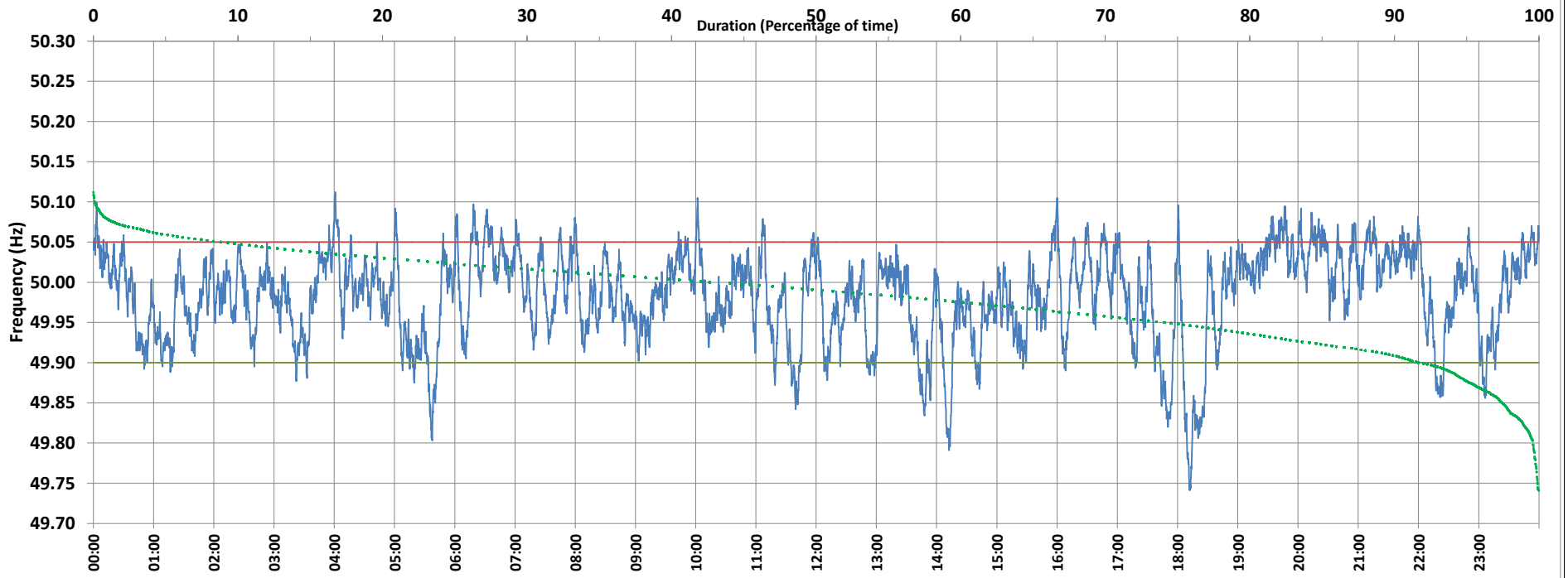


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Oct-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	7.99	36.38	0.41	7.58	47.99	43.94	0.09	83.21	100.00	43.52	9.19	42.63	20.10	8.81	0.00	25.44	65.75	17.45

Average Frequency : 49.982	Frequency Variation Index : 0.0347	Standard Deviation : 0.0562	Mileage: 49.6	FDI: 16.8
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Instantaneous Frequency		
Max	50.112	4:01:00
Min	49.741	18:12:50

15 minute Average Frequency		
Max	50.057	19:45:00
Min	49.851	18:30:00

No. of excursions	
above 50.03 Hz	138
below 49.97 Hz	130
above 50.00 Hz	137
below 50.00 Hz	130

Average time freq per excursion remains	
below 49.97	0:04:02
above 50.03	0:02:06

No. of hours freq outside 49.9-50.05 Hz	4:01:50
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Source : SARUSUJA:Frequency 10 Sec. (8640 samples)