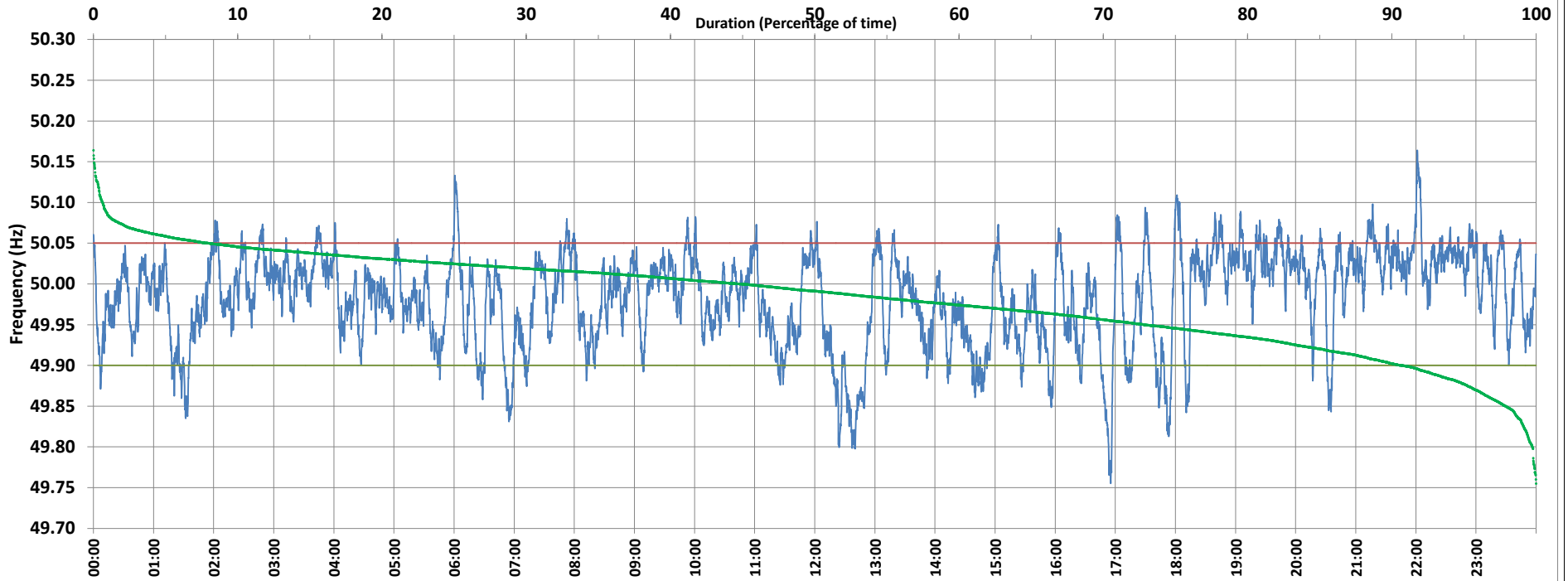


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-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	9.28	37.41	0.25	9.03	45.76	44.32	0.64	82.72	100.00	41.81	7.41	44.87	20.79	8.00	0.00	27.16	64.84	17.88

Average Frequency : 49.982	Frequency Variation Index : 0.0357	Standard Deviation : 0.0571	Mileage: 50.6	FDI: 17.3
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Instantaneous Frequency		
Max	50.164	22:01:20
Min	49.755	16:55:10

15 minute Average Frequency		
Max	50.049	22:15:00
Min	49.840	12:45:00

No. of excursions	
above 50.03 Hz	195
below 49.97 Hz	152
above 50.00 Hz	174
below 50.00 Hz	172

Average time freq per excursion remains	
below 49.97	0:03:33
above 50.03	0:01:32

No. of hours freq outside 49.9-50.05 Hz	4:08:50
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Source : SLPR4:Frequency 10 Sec. (8640 samples)