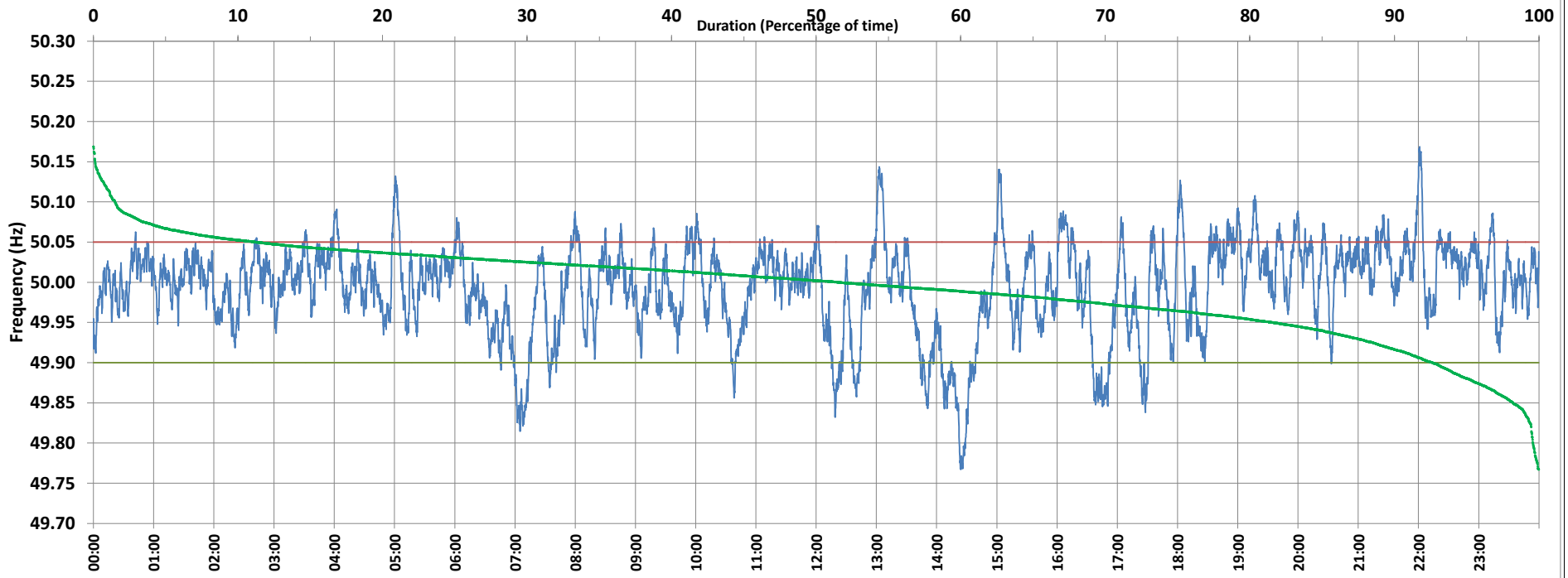


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Oct-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	7.36	28.21	0.41	6.96	41.08	50.06	1.50	81.45	100.00	46.25	9.75	51.53	25.54	11.19	0.00	18.40	70.41	11.04

Average Frequency : 49.993	Frequency Variation Index : 0.0318	Standard Deviation : 0.0560	Mileage: 48.5	FDI: 18.6
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Instantaneous Frequency		
Max	50.169	22:01:10
Min	49.767	14:24:10

15 minute Average Frequency		
Max	50.066	13:15:00
Min	49.826	14:30:00

No. of excursions	
above 50.03 Hz	191
below 49.97 Hz	132
above 50.00 Hz	183
below 50.00 Hz	180

Average time freq per excursion remains	
below 49.97	0:03:05
above 50.03	0:01:56

No. of hours freq outside 49.9-50.05 Hz	4:27:10
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Source : SLPR4:Frequency 10 Sec. (8640 samples)