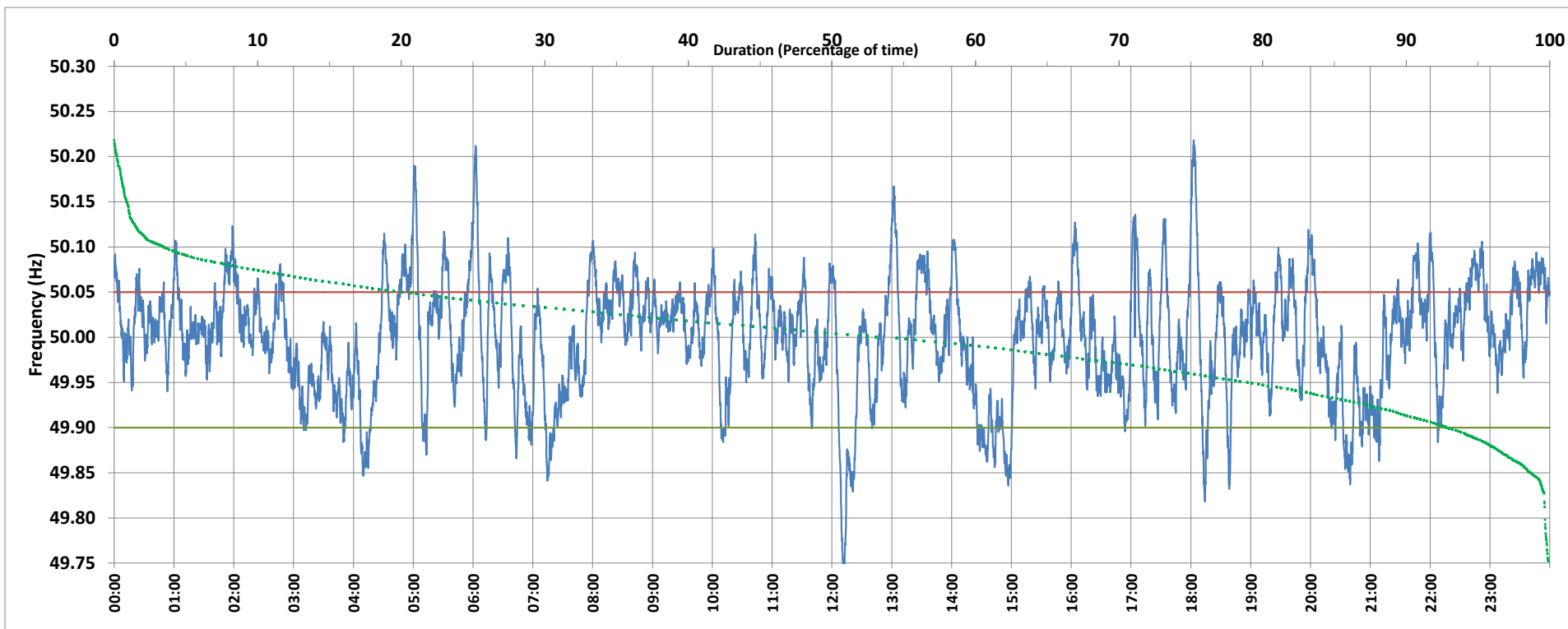


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-Feb-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	7.03	29.04	0.34	6.69	38.47	50.95	3.34	72.92	99.79	39.00	17.25	53.06	31.96	20.06	0.21	20.75	59.19	13.73

Average Frequency : 49.999	Frequency Variation Index : 0.0397	Standard Deviation : 0.0630	Mileage: 51.1	FDI: 27.1
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Instantaneous Frequency		
Max	50.218	18:02:50
Min	49.733	12:11:50

15 minute Average Frequency		
Max	50.071	5:00:00
Min	49.882	15:00:00

No. of excursions	
above 50.03 Hz	155
below 49.97 Hz	107
above 50.00 Hz	132
below 50.00 Hz	122

Average time freq per excursion remains	
below 49.97	0:03:54
above 50.03	0:02:58

No. of hours freq outside 49.9-50.05 Hz	6:30:00
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Source : BALLIA:Frequency 10 Sec. (8640 samples)