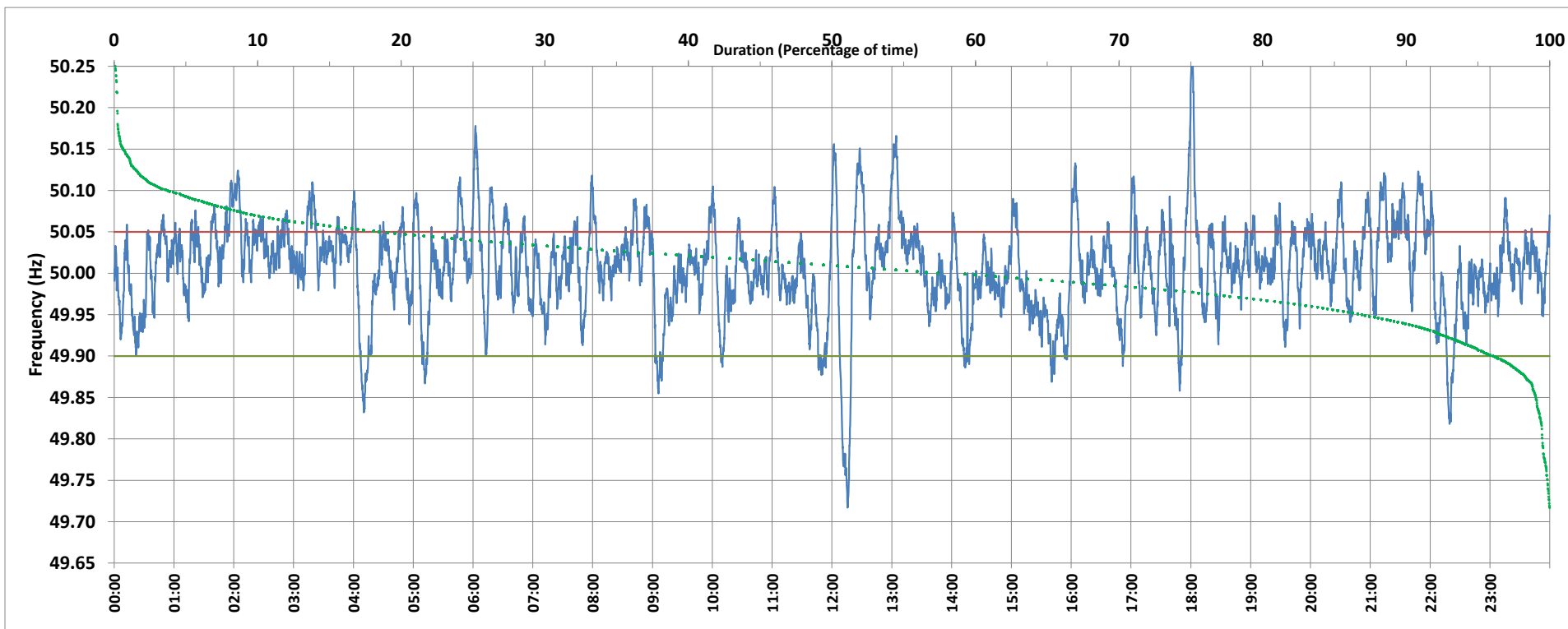


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Feb-2020 (Monday)



<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	3.82	20.65	0.51	3.31	36.92	55.42	3.62	77.73	99.78	46.92	15.32	57.35	32.43	18.45	0.22	12.87	68.68	9.05

Average Frequency : 50.007	Frequency Variation Index : 0.0321	Standard Deviation : 0.0563	Mileage: 48.8	FDI: 22.3
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Instantaneous Frequency		
Max	50.268	18:01:20
Min	49.717	12:15:30

15 minute Average Frequency		
Max	50.089	13:15:00
Min	49.910	22:30:00

No. of excursions	
above 50.03 Hz	167
below 49.97 Hz	106
above 50.00 Hz	130
below 50.00 Hz	126

Average time freq per excursion remains	
below 49.97	0:02:48
above 50.03	0:02:48

No. of hours freq outside 49.9-50.05 Hz	5:20:40
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Source : BALLIA:Frequency 10 Sec. (8640 samples)