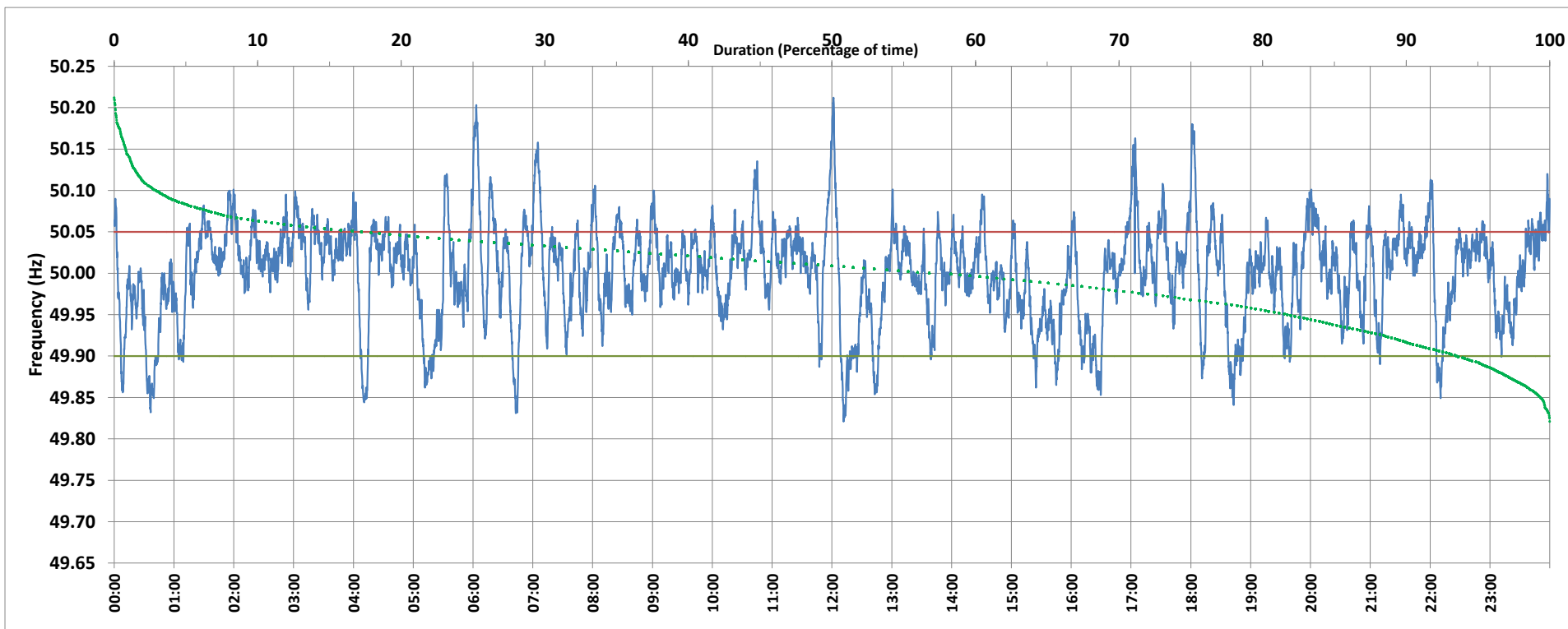


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Feb-2020 (Saturday)



<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	6.38	25.47	0.00	6.38	35.34	55.29	2.92	76.40	99.92	42.09	14.98	56.77	32.43	17.22	0.08	18.04	64.73	11.67

Average Frequency : 50.002	Frequency Variation Index : 0.0337	Standard Deviation : 0.0580	Mileage: 49.9	FDI: 23.6
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Instantaneous Frequency		
Max	50.212	12:01:30
Min	49.821	12:11:40

15 minute Average Frequency		
Max	50.058	6:15:00
Min	49.881	0:45:00

No. of excursions	
above 50.03 Hz	177
below 49.97 Hz	96
above 50.00 Hz	120
below 50.00 Hz	113

Average time freq per excursion remains	
below 49.97	0:03:49
above 50.03	0:02:38

No. of hours freq outside 49.9-50.05 Hz	5:39:50
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Source : BALLIA:Frequency 10 Sec. (8640 samples)