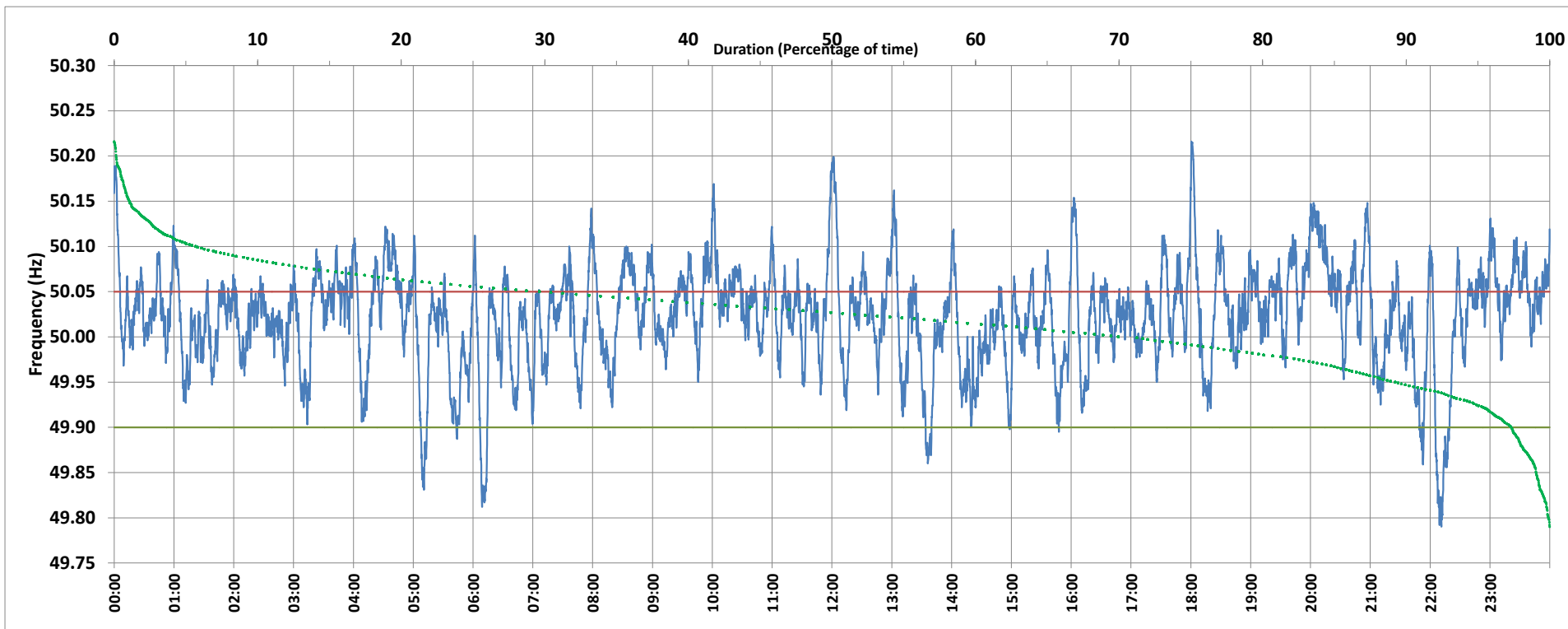


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-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	2.65	15.57	0.08	2.57	26.12	65.43	5.66	67.74	99.86	37.42	24.76	69.93	47.01	29.61	0.14	10.57	59.83	7.92

Average Frequency : 50.022	Frequency Variation Index : 0.0365	Standard Deviation : 0.0564	Mileage: 50.5	FDI: 32.3
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Instantaneous Frequency		
Max	50.216	18:00:30
Min	49.790	22:11:10

15 minute Average Frequency		
Max	50.121	20:15:00
Min	49.903	22:15:00

No. of excursions	
above 50.03 Hz	189
below 49.97 Hz	62
above 50.00 Hz	100
below 50.00 Hz	94

Average time freq per excursion remains	
below 49.97	0:03:37
above 50.03	0:03:35

No. of hours freq outside 49.9-50.05 Hz	7:44:30
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Source : BALLIA:Frequency 10 Sec. (8640 samples)