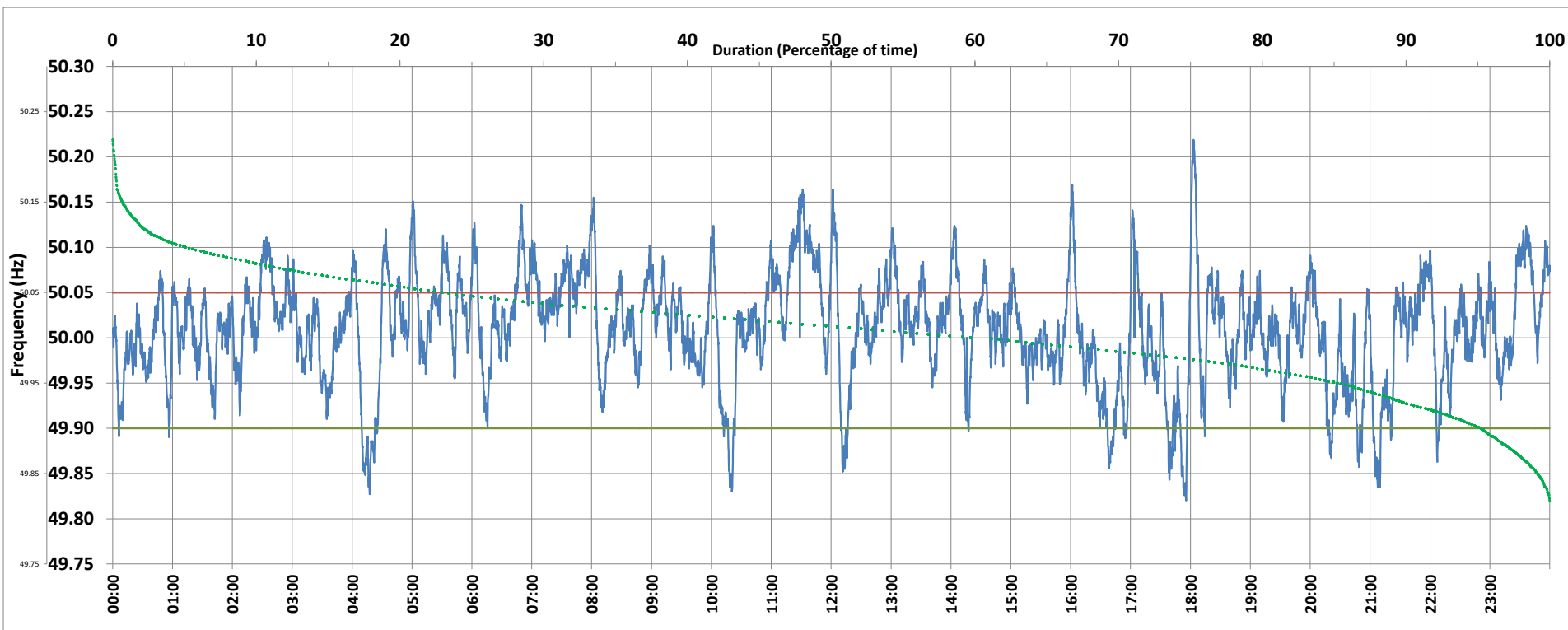


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 04-Mar-2020 (Wednesday)



<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	4.73	21.44	0.00	4.73	34.13	55.82	5.19	72.35	99.87	42.53	18.33	59.69	36.03	22.92	0.13	14.53	62.56	9.79

Average Frequency : 50.010	Frequency Variation Index : 0.0360	Standard Deviation : 0.0593	Mileage: 49.1	FDI: 27.7
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Instantaneous Frequency		
Max	50.219	18:03:00
Min	49.820	17:55:40

15 minute Average Frequency		
Max	50.110	11:45:00
Min	49.901	21:15:00

No. of excursions	
above 50.03 Hz	167
below 49.97 Hz	86
above 50.00 Hz	122
below 50.00 Hz	119

Average time freq per excursion remains	
below 49.97	0:03:35
above 50.03	0:03:06

No. of hours freq outside 49.9-50.05 Hz	6:38:10
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Source : BALLIA:Frequency 10 Sec. (8640 samples)