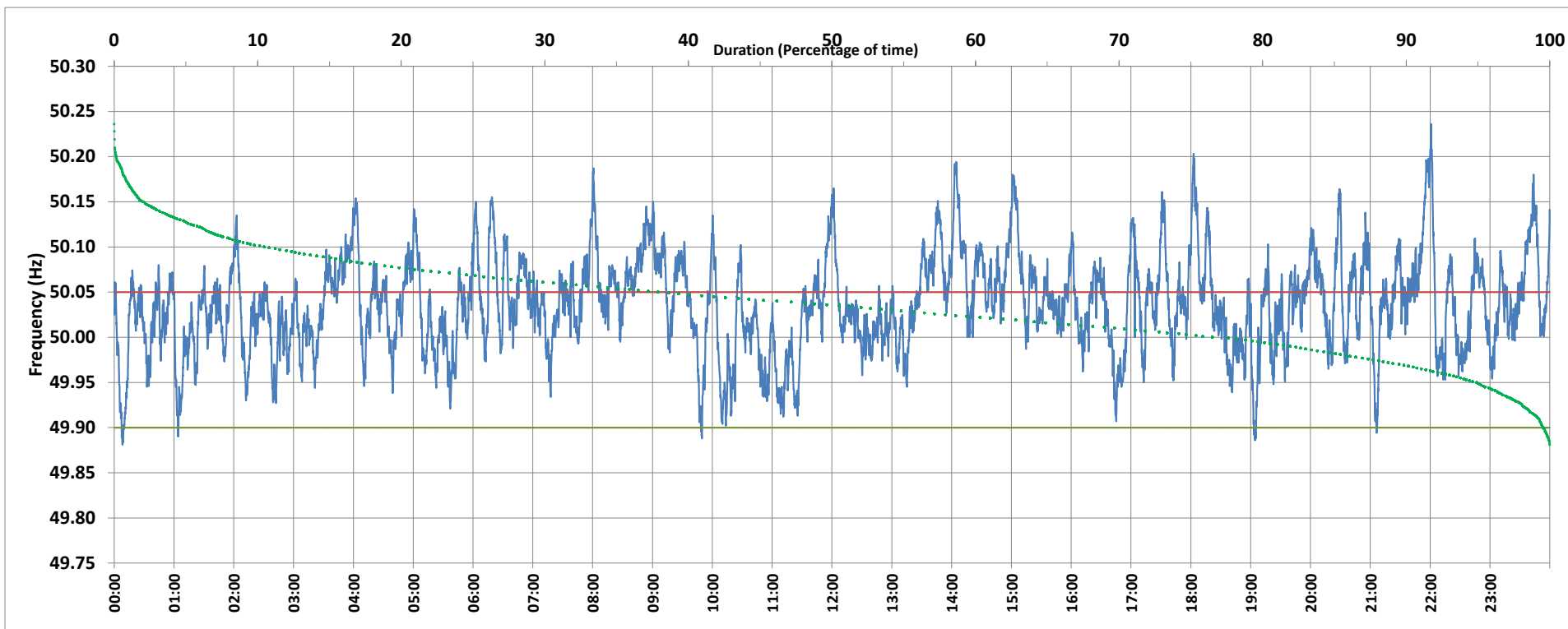


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Mar-2020 (Tuesday)



<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	0.43	10.16	0.00	0.43	21.96	66.83	10.64	61.70	99.85	35.69	28.17	76.48	54.14	37.87	0.15	5.01	57.12	4.58

Average Frequency : 50.036	Frequency Variation Index : 0.0408	Standard Deviation : 0.0527	Mileage: 51.5	FDI: 38.3
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Instantaneous Frequency		
Max	50.236	22:00:50
Min	49.881	0:08:20

15 minute Average Frequency		
Max	50.127	14:15:00
Min	49.956	0:15:00

No. of excursions	
above 50.03 Hz	181
below 49.97 Hz	76
above 50.00 Hz	109
below 50.00 Hz	96

Average time freq per excursion remains	
below 49.97	0:01:56
above 50.03	0:04:18

No. of hours freq outside 49.9-50.05 Hz	9:11:30
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Source : BALLIA:Frequency 10 Sec. (8640 samples)