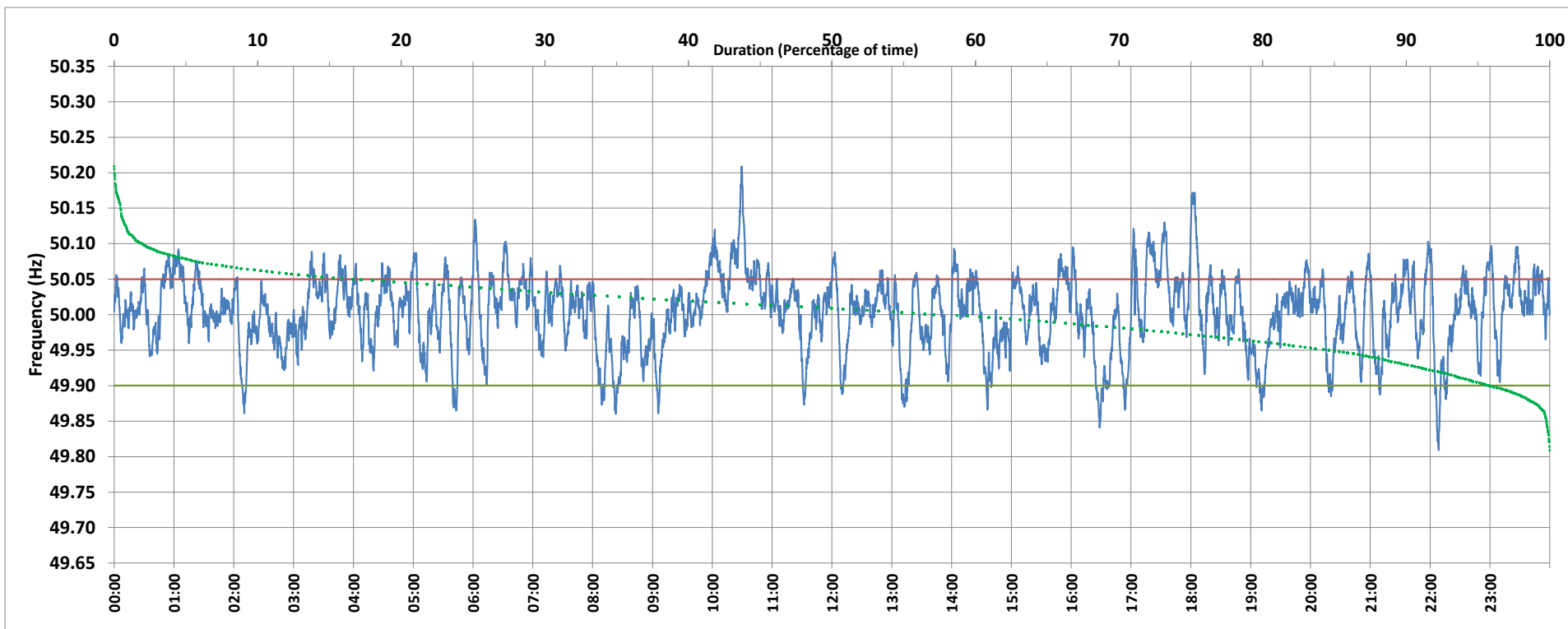


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Mar-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	4.12	23.59	0.00	4.12	37.15	56.72	1.98	79.24	99.98	45.36	15.28	57.11	31.05	16.64	0.02	15.00	68.36	10.88

Average Frequency : 50.004	Frequency Variation Index : 0.0272	Standard Deviation : 0.0521	Mileage: 44.4	FDI: 20.8
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Instantaneous Frequency		
Max	50.209	10:29:30
Min	49.809	22:08:30

15 minute Average Frequency		
Max	50.094	10:30:00
Min	49.917	19:15:00

No. of excursions	
above 50.03 Hz	131
below 49.97 Hz	98
above 50.00 Hz	115
below 50.00 Hz	107

Average time freq per excursion remains	
below 49.97	0:03:28
above 50.03	0:03:25

No. of hours freq outside 49.9-50.05 Hz	4:59:00
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Source : BALLIA:Frequency 10 Sec. (8640 samples)