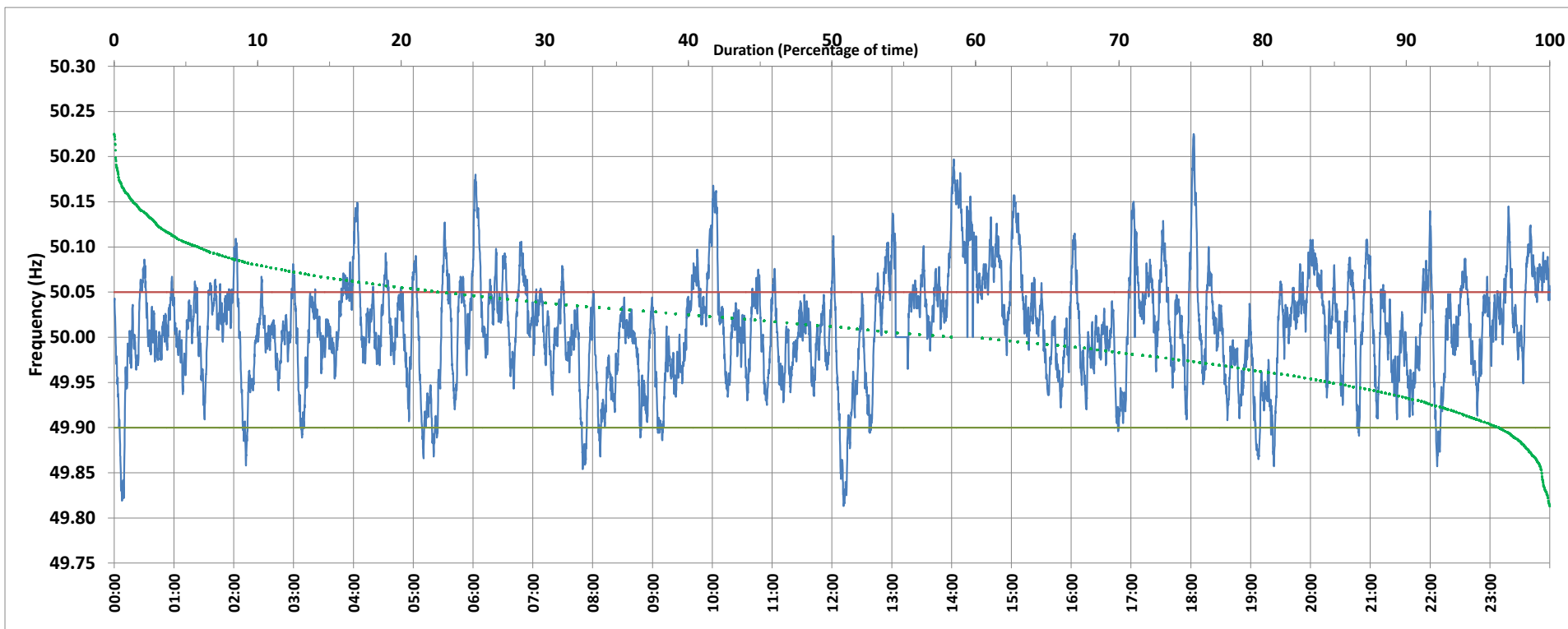


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-Mar-2020 (Sunday)



<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	3.48	23.03	0.00	3.48	36.05	54.53	5.83	73.99	99.90	41.06	17.36	58.30	35.90	22.52	0.10	15.08	62.40	11.60

Average Frequency : 50.010	Frequency Variation Index : 0.0357	Standard Deviation : 0.0589	Mileage: 51.0	FDI: 26.0
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Instantaneous Frequency		
Max	50.225	18:02:40
Min	49.813	12:11:40

15 minute Average Frequency		
Max	50.143	14:15:00
Min	49.925	19:15:00

No. of excursions	
above 50.03 Hz	158
below 49.97 Hz	94
above 50.00 Hz	138
below 50.00 Hz	130

Average time freq per excursion remains	
below 49.97	0:03:32
above 50.03	0:03:16

No. of hours freq outside 49.9-50.05 Hz	6:14:30
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Source : BALLIA:Frequency 10 Sec. (8640 samples)