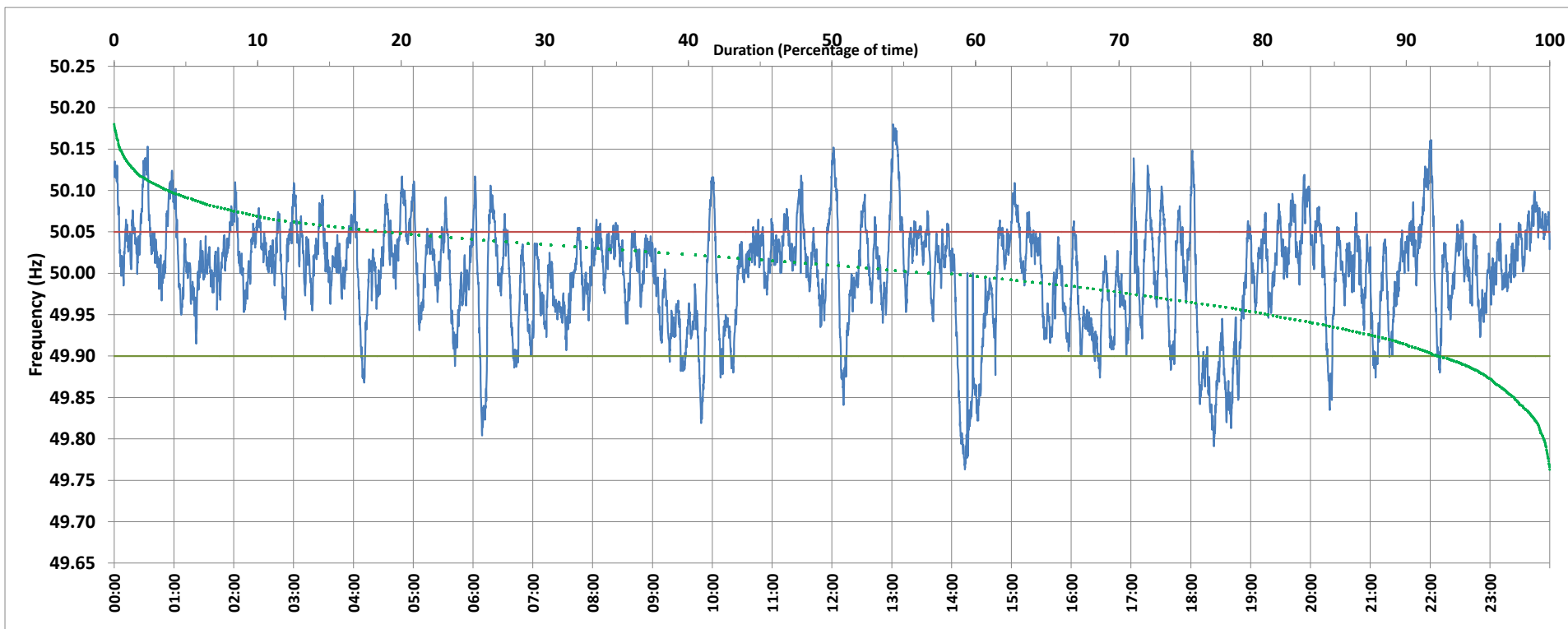


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 27-Jan-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	7.64	26.72	0.41	7.23	34.04	54.47	3.85	73.50	100.00	39.57	15.61	56.74	33.70	18.87	0.00	19.28	61.85	11.64

Average Frequency : 50.001	Frequency Variation Index : 0.0399	Standard Deviation : 0.0632	Mileage: 53.3	FDI: 26.5
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Instantaneous Frequency		
Max	50.180	13:01:20
Min	49.763	14:13:20

15 minute Average Frequency		
Max	50.091	13:15:00
Min	49.852	14:30:00

No. of excursions	
above 50.03 Hz	181
below 49.97 Hz	104
above 50.00 Hz	119
below 50.00 Hz	120

Average time freq per excursion remains	
below 49.97	0:03:42
above 50.03	0:02:41

No. of hours freq outside 49.9-50.05 Hz	6:21:40
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Source : BALLIA:Frequency 10 Sec. (8640 samples)