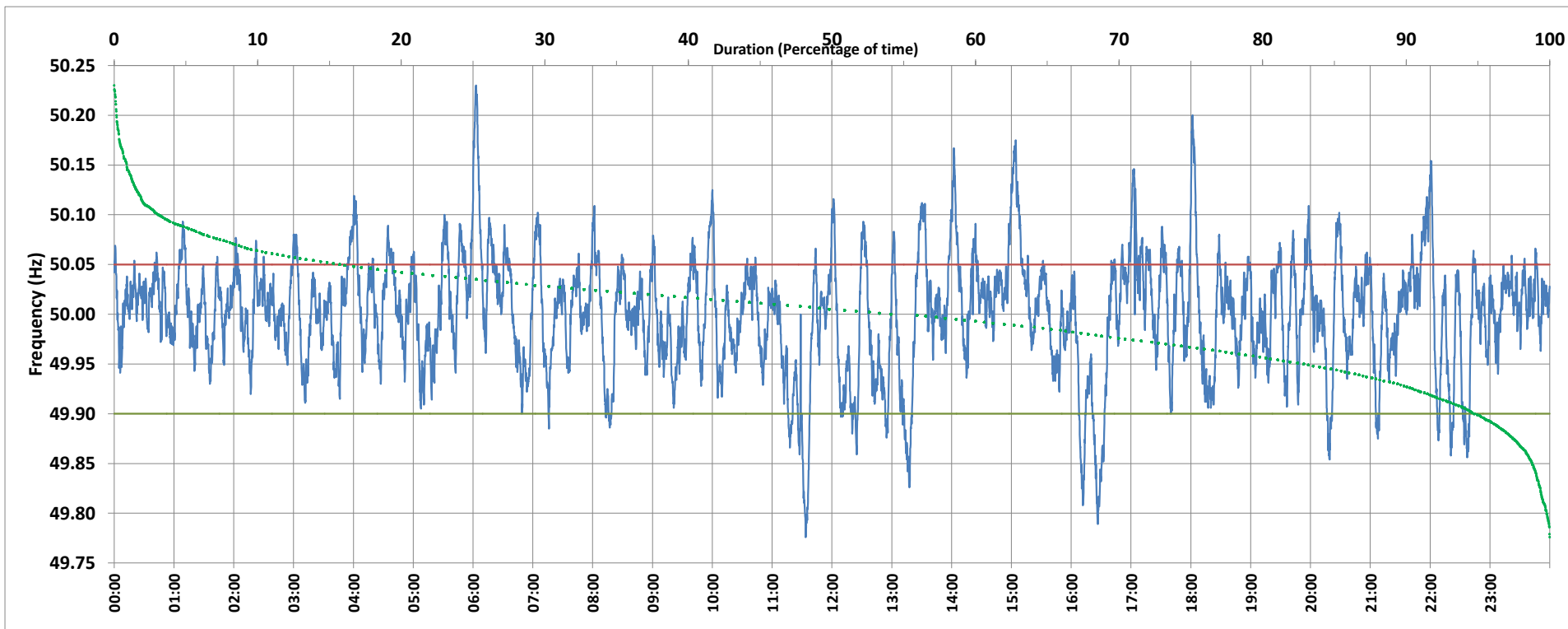


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Jan-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	5.06	26.19	0.21	4.85	39.03	52.71	3.03	79.24	99.83	45.12	12.97	54.11	28.69	15.71	0.17	16.82	67.48	11.76

Average Frequency : 50.001	Frequency Variation Index : 0.0330	Standard Deviation : 0.0574	Mileage: 50.3	FDI: 20.8
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Instantaneous Frequency		
Max	50.230	6:02:50
Min	49.776	11:33:40

15 minute Average Frequency		
Max	50.096	15:15:00
Min	49.879	16:30:00

No. of excursions	
above 50.03 Hz	175
below 49.97 Hz	116
above 50.00 Hz	133
below 50.00 Hz	141

Average time freq per excursion remains	
below 49.97	0:03:15
above 50.03	0:02:22

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