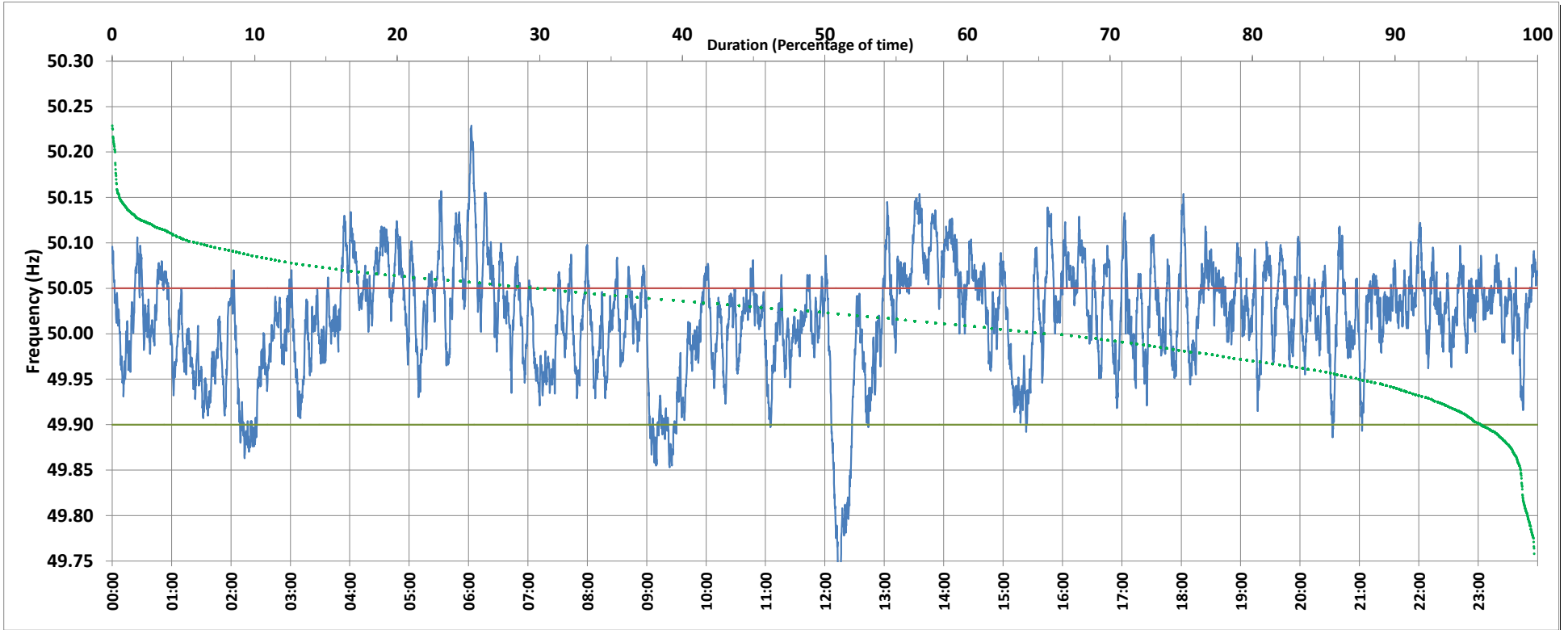


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-Dec-2019 (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	3.90	19.48	0.69	3.21	29.48	60.39	6.02	66.26	99.79	35.76	24.39	65.38	44.76	29.84	0.21	12.28	57.88	8.38

Average Frequency : 50.017	Frequency Variation Index : 0.0399	Standard Deviation : 0.0609	Mileage: 53.5	FDI: 33.7
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Instantaneous Frequency		
Max	50.229	6:02:50
Min	49.730	12:15:30

15 minute Average Frequency		
Max	50.115	6:15:00
Min	49.826	12:30:00

No. of excursions	
above 50.03 Hz	192
below 49.97 Hz	93
above 50.00 Hz	127
below 50.00 Hz	127

Average time freq per excursion remains	
below 49.97	0:03:01
above 50.03	0:03:21

No. of hours freq outside 49.9-50.05 Hz	8:05:50
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Source : BALLIA:Frequency 10 Sec. (8640 samples)