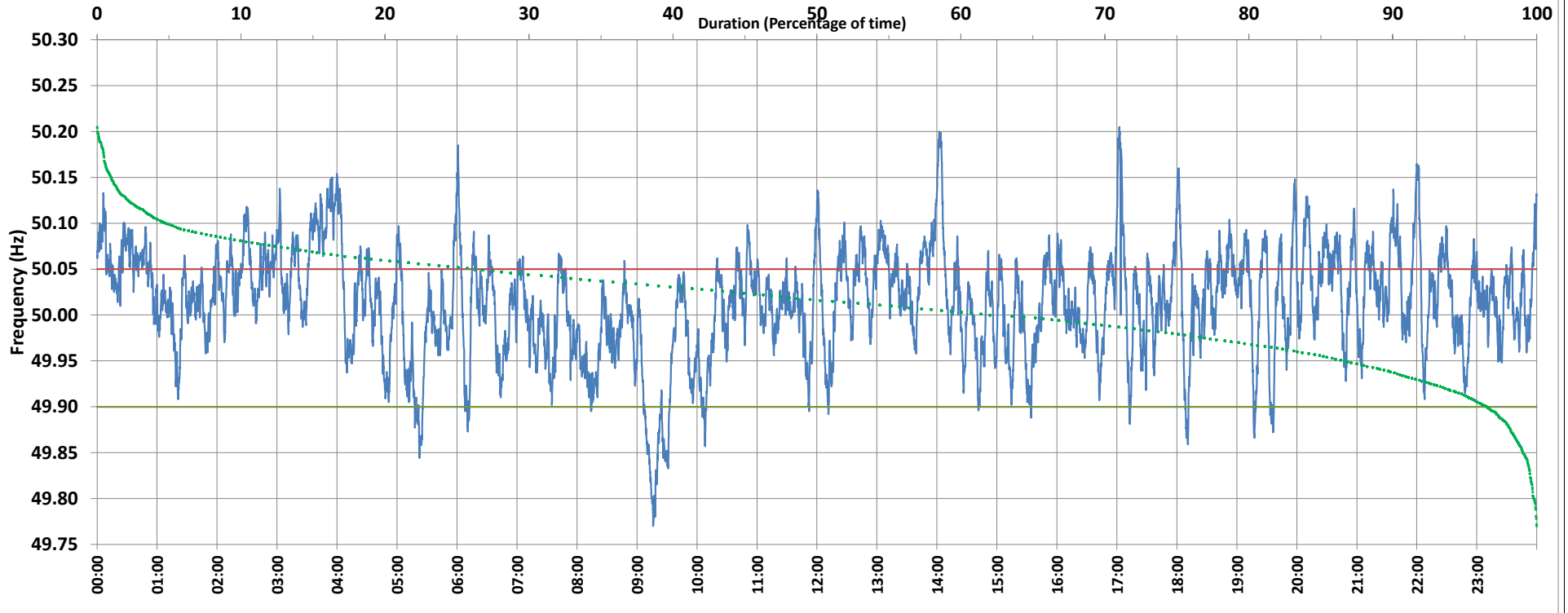


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-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	3.41	20.30	0.17	3.24	33.03	58.62	4.90	70.37	99.97	39.09	22.04	62.03	40.61	26.22	0.03	13.14	60.65	9.72

Average Frequency : 50.014	Frequency Variation Index : 0.0359	Standard Deviation : 0.0583	Mileage: 53.6	FDI: 29.6
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Instantaneous Frequency		
Max	50.205	17:02:30
Min	49.770	9:16:10

15 minute Average Frequency		
Max	50.113	4:00:00
Min	49.844	9:30:00

No. of excursions	
above 50.03 Hz	168
below 49.97 Hz	108
above 50.00 Hz	131
below 50.00 Hz	129

Average time freq per excursion remains	
below 49.97	0:02:42
above 50.03	0:03:29

No. of hours freq outside 49.9-50.05 Hz	7:06:40
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Source : BALLIA:Frequency 10 Sec. (8640 samples)