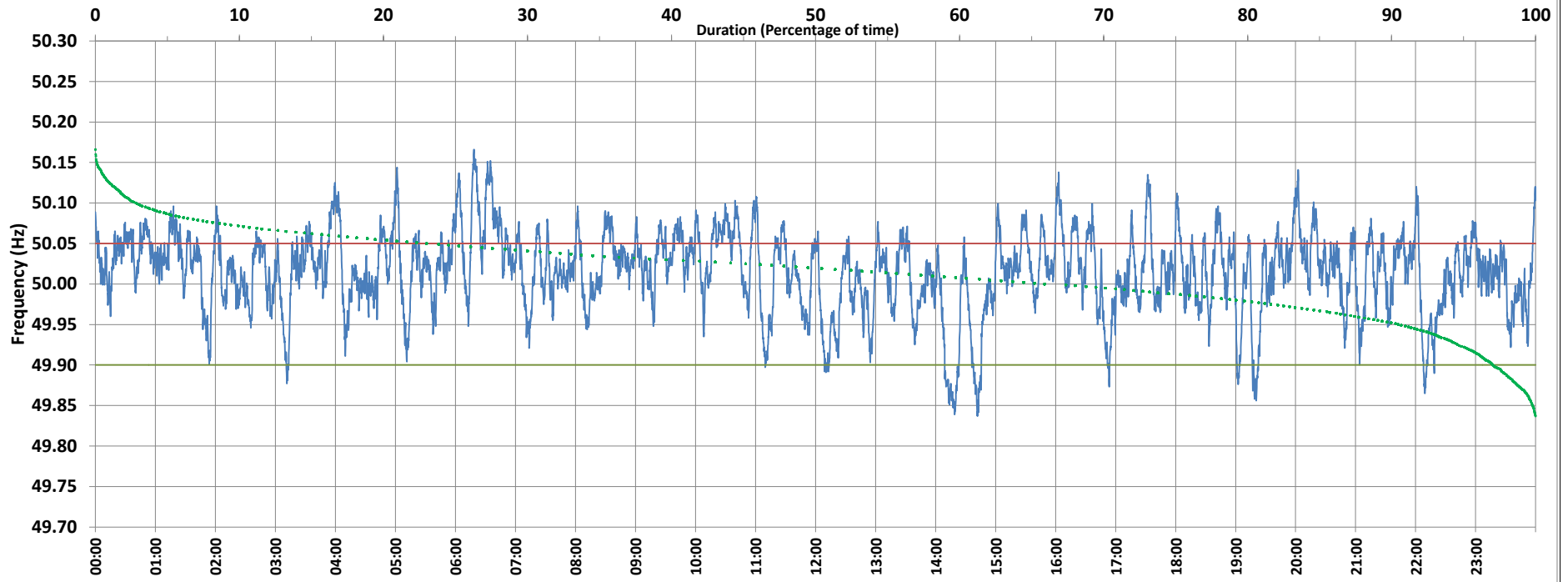


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Dec-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	2.93	15.86	0.00	2.93	29.70	64.48	2.89	74.09	100.00	44.53	21.01	65.90	39.62	22.99	0.00	9.34	67.67	6.41

Average Frequency : 50.015	Frequency Variation Index : 0.0268	Standard Deviation : 0.0496	Mileage: 49.7	FDI: 25.9
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Instantaneous Frequency		
Max	50.166	6:18:20
Min	49.837	14:41:50

15 minute Average Frequency		
Max	50.104	6:45:00
Min	49.916	14:45:00

No. of excursions	
above 50.03 Hz	215
below 49.97 Hz	90
above 50.00 Hz	148
below 50.00 Hz	143

Average time freq per excursion remains	
below 49.97	0:02:32
above 50.03	0:02:39

No. of hours freq outside 49.9-50.05 Hz	6:13:10
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)