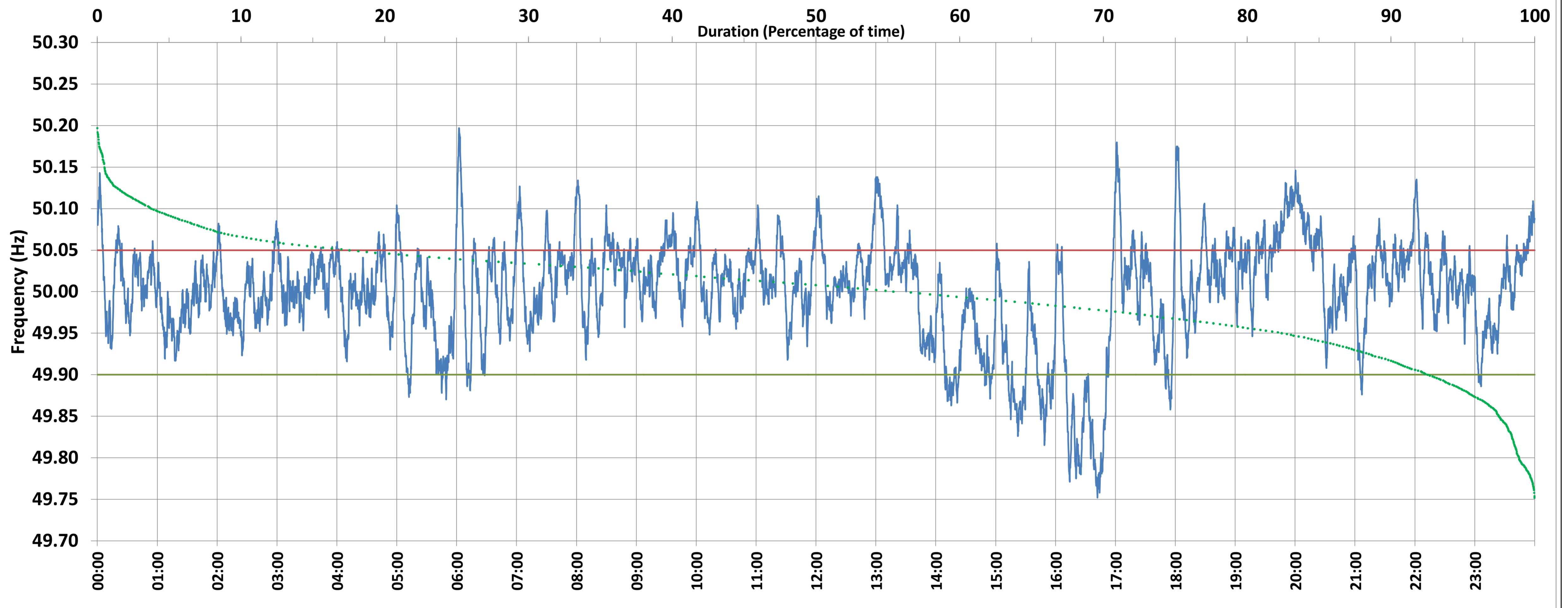


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Dec-2020 (Tuesday)



<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	7.29	25.87	1.09	6.20	36.12	52.67	3.91	75.19	100.00	40.93	14.39	55.37	33.21	17.52	0.00	17.25	65.23	9.95

Average Frequency : 50.000	Frequency Variation Index : 0.0396	Standard Deviation : 0.0629	Mileage: 51.1	FDI: 24.8
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Instantaneous Frequency		
Max	50.197	6:02:20
Min	49.752	16:42:00

15 minute Average Frequency		
Max	50.102	20:00:00
Min	49.819	16:45:00

No. of excursions	
above 50.03 Hz	177
below 49.97 Hz	115
above 50.00 Hz	141
below 50.00 Hz	143

Average time freq per excursion remains	
below 49.97	0:03:14
above 50.03	0:02:42

No. of hours freq outside 49.9-50.05 Hz	
	5:57:20

Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)

