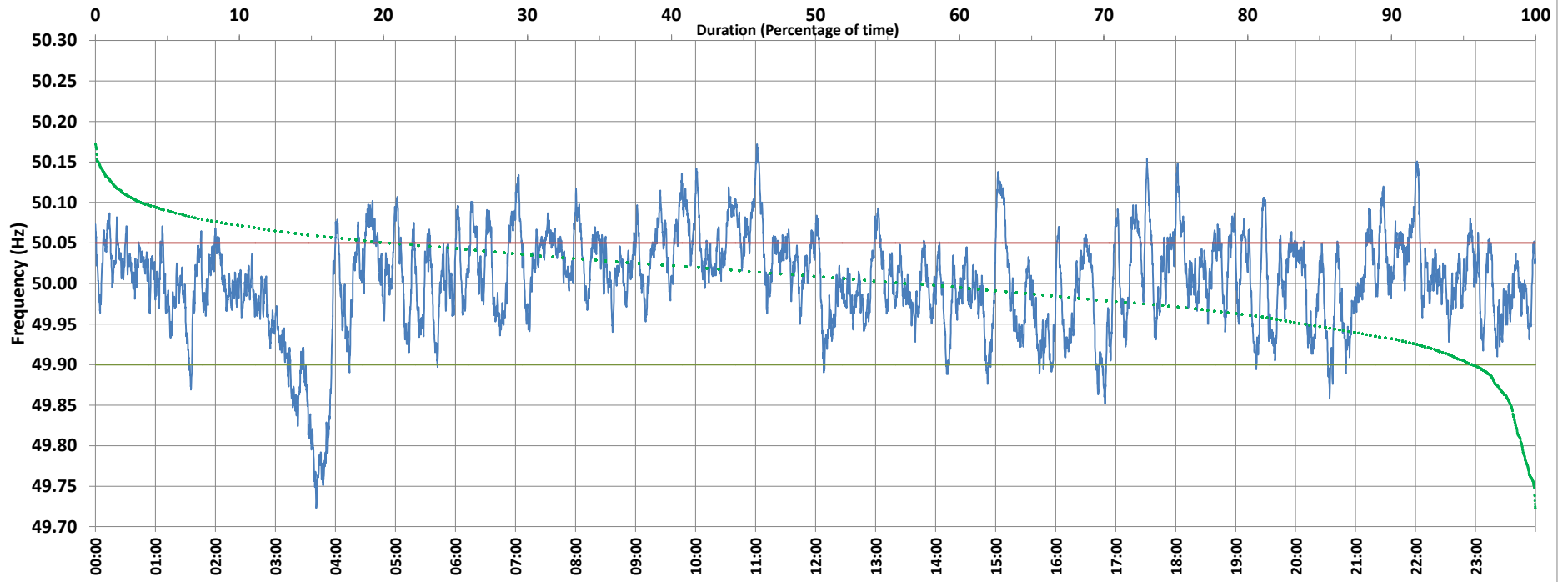


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Dec-2020 (Thursday)



<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	4.31	23.63	0.94	3.37	38.30	54.09	3.31	75.25	100.00	42.52	17.97	56.18	33.84	20.44	0.00	15.73	63.83	11.42

Average Frequency : 50.004	Frequency Variation Index : 0.0365	Standard Deviation : 0.0593	Mileage: 49.8	FDI: 24.7
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Instantaneous Frequency		
Max	50.172	11:01:20
Min	49.723	3:40:40

15 minute Average Frequency		
Max	50.085	10:45:00
Min	49.800	3:45:00

No. of excursions	
above 50.03 Hz	160
below 49.97 Hz	110
above 50.00 Hz	148
below 50.00 Hz	140

Average time freq per excursion remains	
below 49.97	0:03:06
above 50.03	0:03:03

No. of hours freq outside 49.9-50.05 Hz	5:56:20
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)