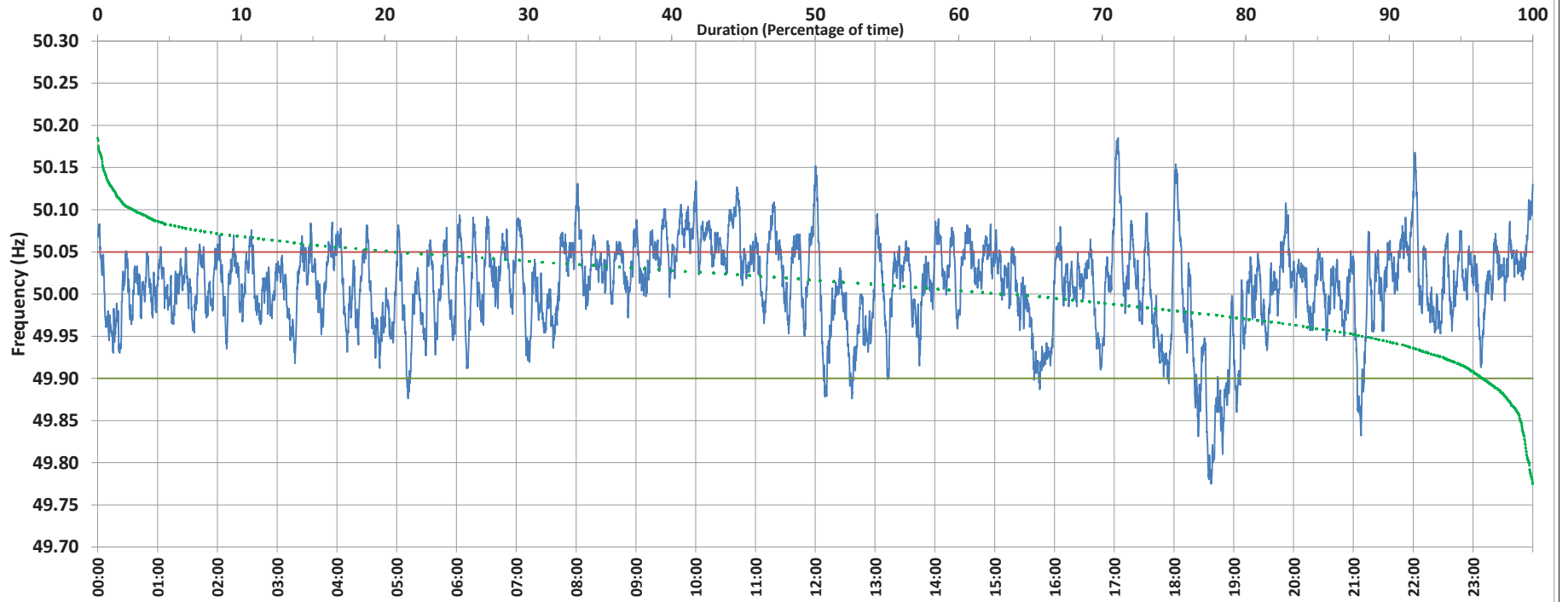


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Jan-2021 (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	3.43	19.19	0.25	3.17	32.49	61.52	2.57	75.87	100.00	42.72	19.12	62.92	38.09	20.71	0.00	11.47	67.82	8.04

Average Frequency : 50.011	Frequency Variation Index : 0.0289	Standard Deviation : 0.0528	Mileage: 48.2	FDI: 24.1
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Instantaneous Frequency		
Max	50.185	17:03:40
Min	49.775	18:37:10

15 minute Average Frequency		
Max	50.086	10:45:00
Min	49.842	18:45:00

No. of excursions	
above 50.03 Hz	184
below 49.97 Hz	88
above 50.00 Hz	122
below 50.00 Hz	122

Average time freq per excursion remains	
below 49.97	0:03:08
above 50.03	0:02:59

No. of hours freq outside 49.9-50.05 Hz	5:47:30
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)