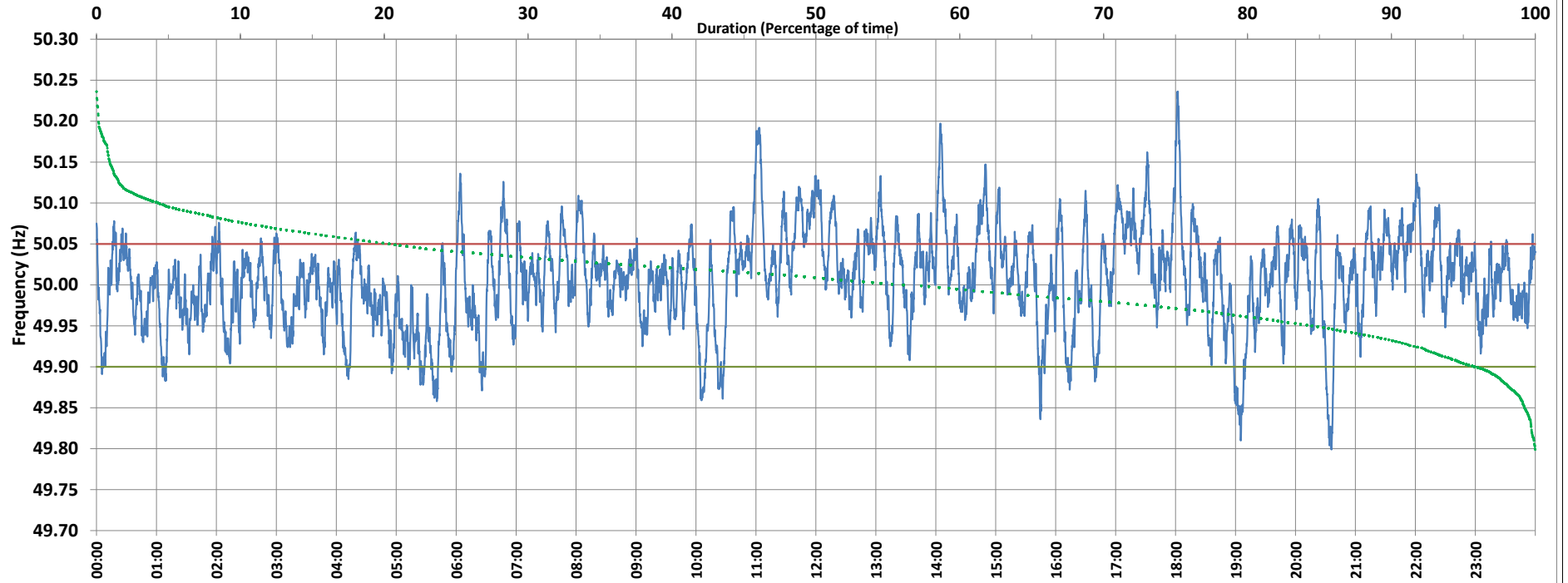


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-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	4.00	23.67	0.01	3.99	38.68	52.91	4.27	75.66	99.86	43.97	16.47	56.09	32.36	20.34	0.14	15.13	64.54	11.12

Average Frequency : 50.006	Frequency Variation Index : 0.0336	Standard Deviation : 0.0576	Mileage: 52.2	FDI: 24.3
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Instantaneous Frequency		
Max	50.236	18:01:50
Min	49.799	20:36:00

15 minute Average Frequency		
Max	50.089	14:15:00
Min	49.892	19:15:00

No. of excursions	
above 50.03 Hz	149
below 49.97 Hz	120
above 50.00 Hz	149
below 50.00 Hz	138

Average time freq per excursion remains	
below 49.97	0:02:50
above 50.03	0:03:08

No. of hours freq outside 49.9-50.05 Hz	5:50:30
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)

