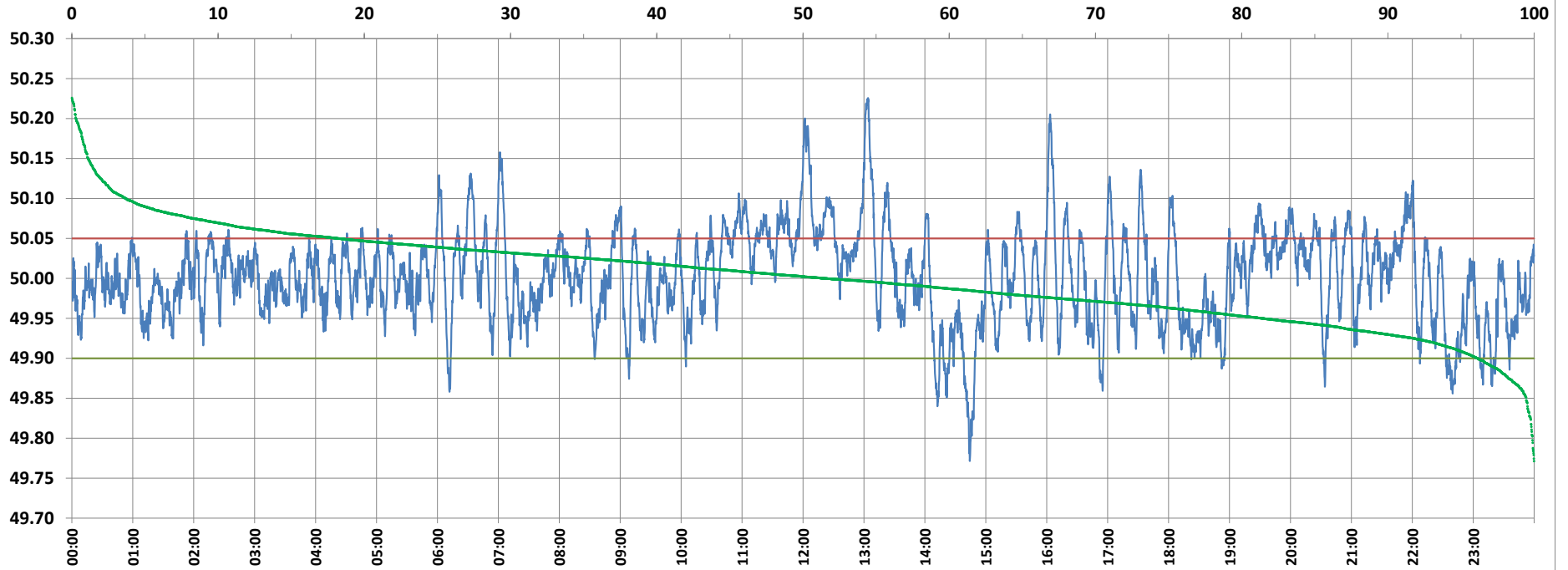


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Jan-2022 (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	3.89	29.24	0.12	3.77	44.63	47.77	3.44	77.92	99.72	39.36	14.48	51.47	31.40	18.19	0.28	18.61	63.19	14.72

Average Frequency : 50.001	Frequency Variation Index : 0.0333	Standard Deviation : 0.0579	Mileage: 46.5	FDI: 22.1
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Instantaneous Frequency		
Max	50.226	13:04:00
Min	49.771	14:44:10

15 minute Average Frequency		
Max	50.116	12:15:00
Min	49.893	14:45:00

No. of excursions	
above 50.03 Hz	160
below 49.97 Hz	159
above 50.00 Hz	174
below 50.00 Hz	174

Average time freq per excursion remains	
below 49.97	0:02:39
above 50.03	0:02:50

No. of hours freq outside 49.9-50.05 Hz	5:18:00
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Source : BHADRAWATHI 10 Sec. (8640 samples)