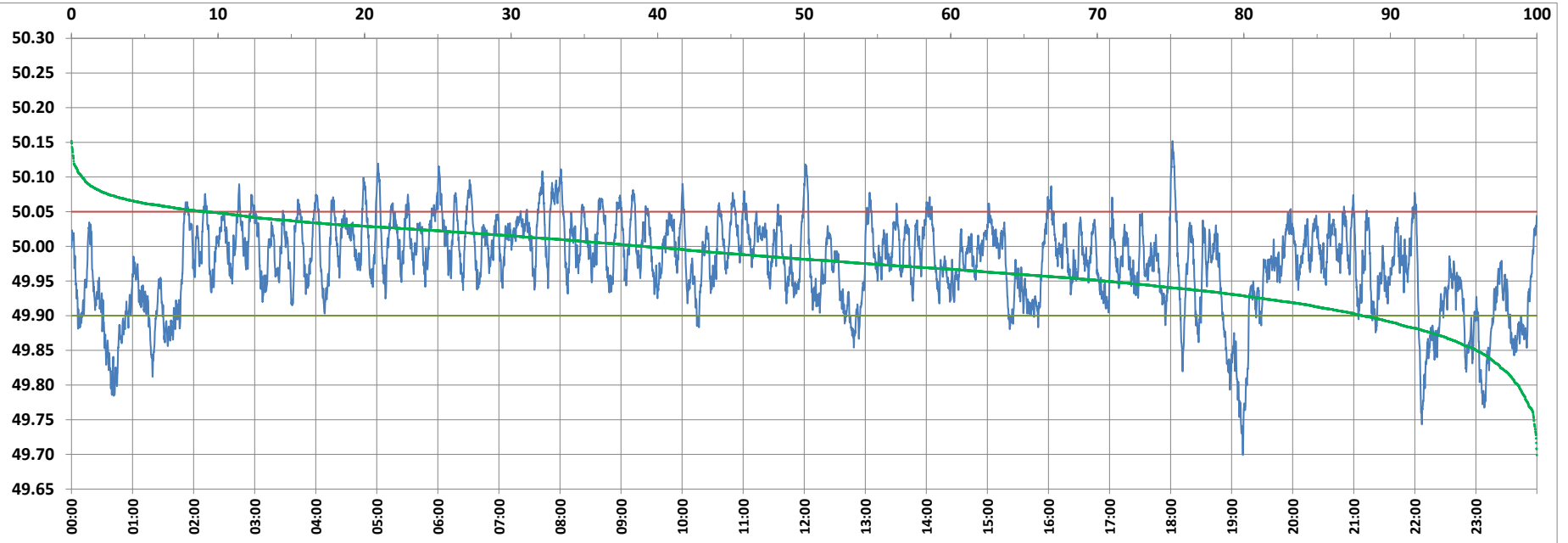


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Mar-2022 (Sunday)



<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
0.01	11.93	42.21	1.28	10.64	49.09	38.24	0.74	78.88	99.99	38.40	8.45	38.98	19.39	9.19	0.00	29.43	61.38	17.50

Average Frequency : 49.976

Frequency Variation Index : 0.0456

Standard Deviation : 0.0631

Mileage: 46.1

FDI: 21.1

Instantaneous Frequency		
Max	50.152	18:01:50
Min	49.699	19:11:00

15 minute Average Frequency		
Max	50.046	8:00:00
Min	49.793	19:15:00

No. of excursions	
above 50.03 Hz	136
below 49.97 Hz	155
above 50.00 Hz	145
below 50.00 Hz	145

Average time freq per excursion remains	
below 49.97	0:03:55
above 50.03	0:02:03

No. of hours freq outside 49.9-50.05 Hz	
	5:04:10

Source : AGRA 10 Sec. (8640 samples)