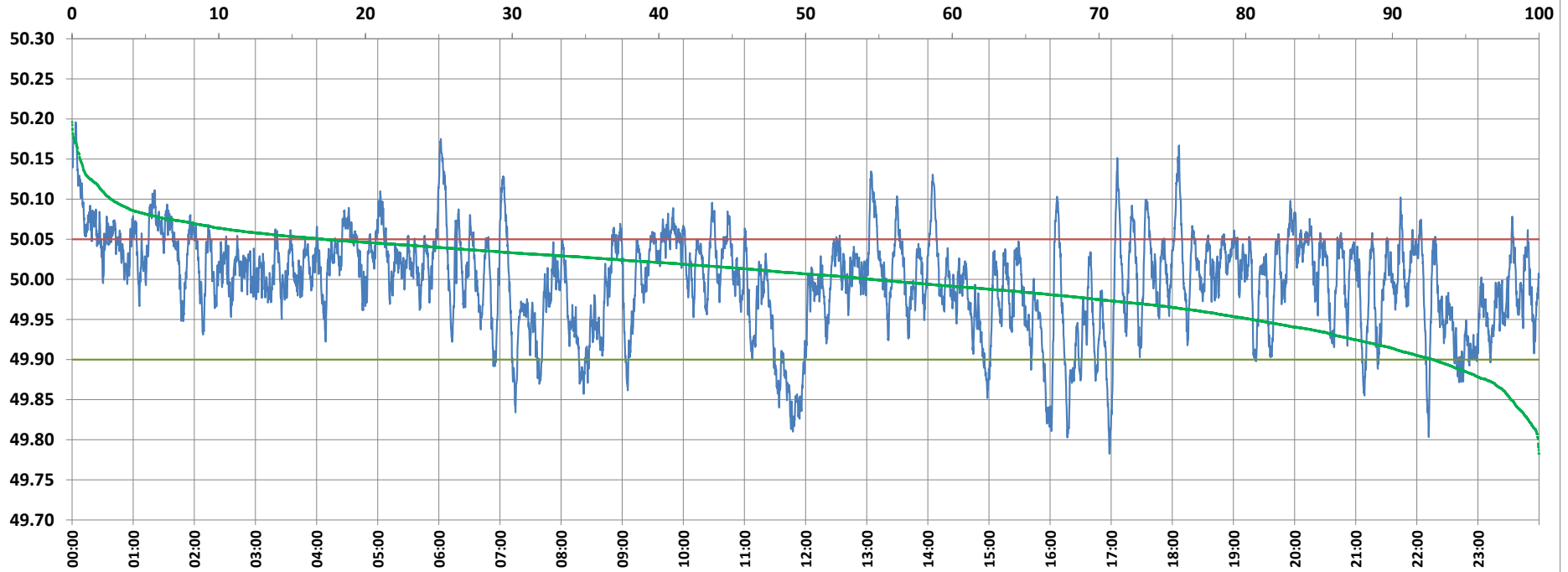


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Jan-2022 (Saturday)



<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	7.23	27.40	0.07	7.16	38.33	51.77	2.66	75.63	100.00	39.81	14.48	54.43	32.79	17.14	0.00	19.59	63.26	12.36

Average Frequency : 49.999	Frequency Variation Index : 0.0364	Standard Deviation : 0.0604	Mileage: 47.8	FDI: 24.4
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.196	0:03:30
Min	49.783	16:58:10

15 minute Average Frequency		
Max	50.120	0:15:00
Min	49.850	12:00:00

No. of excursions	
above 50.03 Hz	187
below 49.97 Hz	136
above 50.00 Hz	166
below 50.00 Hz	165

Average time freq per excursion remains	
below 49.97	0:02:54
above 50.03	0:02:31

No. of hours freq outside 49.9-50.05 Hz	5:51:00
---	---------

Source : AGRA 10 Sec. (8640 samples)