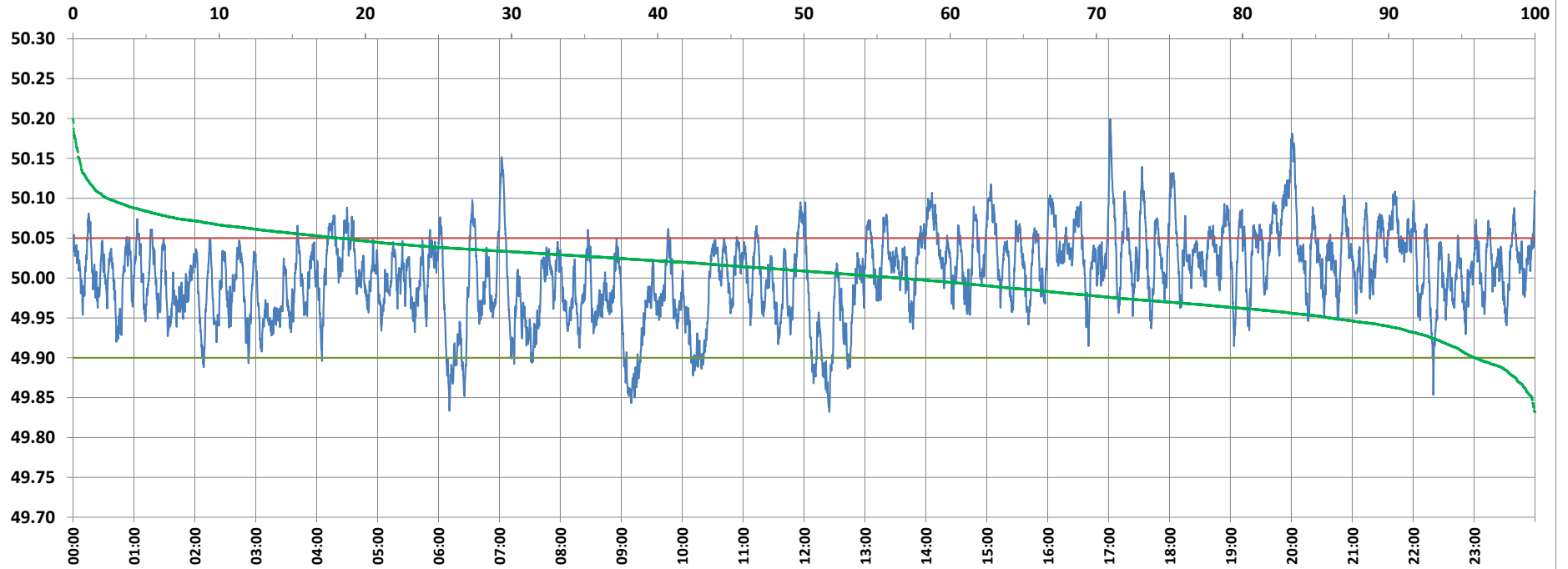


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Dec-2021 (Tuesday)



<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	4.12	25.19	0.00	4.12	39.44	54.07	2.36	77.73	100.00	42.14	15.79	56.44	32.67	18.15	0.00	14.09	67.77	9.97

Average Frequency : 50.004	Frequency Variation Index : 0.0277	Standard Deviation : 0.0525	Mileage: 45.4	FDI: 22.3
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency	
Max	50.199 17:01:40
Min	49.832 12:24:50

15 minute Average Frequency	
Max	50.091 20:00:00
Min	49.881 9:15:00

No. of excursions	
above 50.03 Hz	193
below 49.97 Hz	153
above 50.00 Hz	166
below 50.00 Hz	165

Average time freq per excursion remains	
below 49.97	0:02:22
above 50.03	0:02:26

No. of hours freq outside 49.9-50.05 Hz	5:20:40
---	---------

Source : AGRA 10 Sec. (8640 samples)