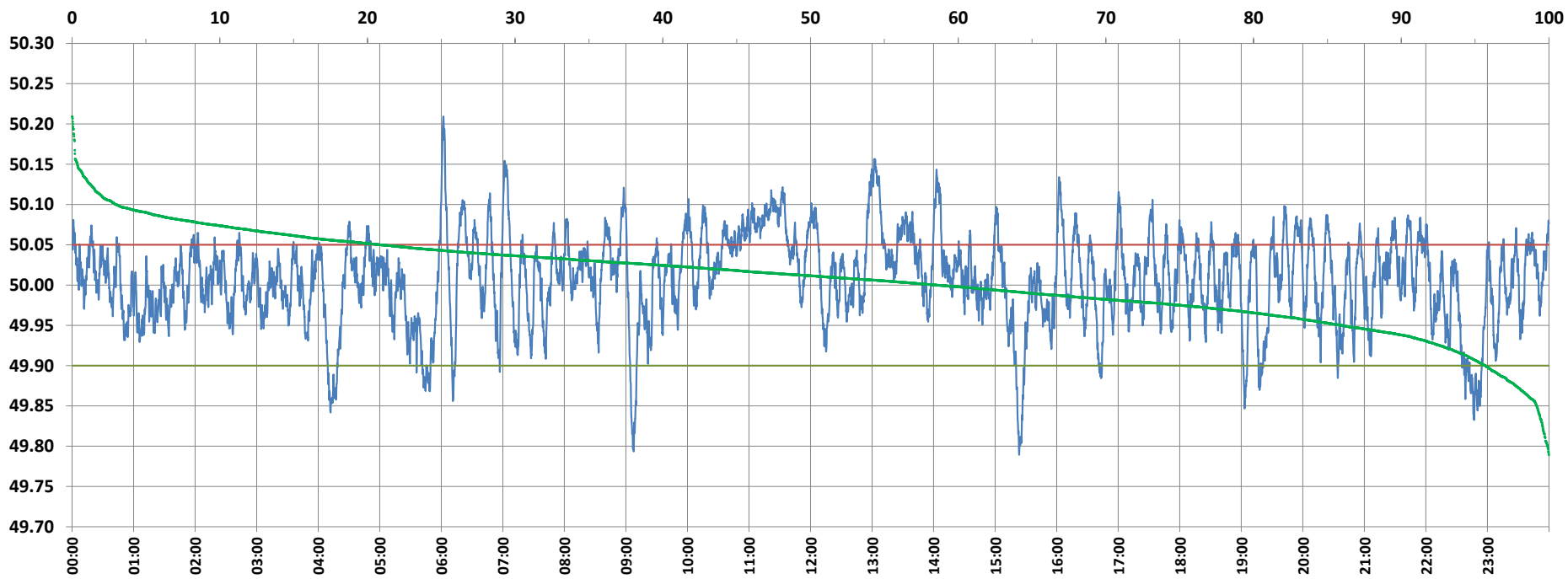


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-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	4.31	22.16	0.09	4.21	37.19	55.53	2.93	74.87	99.95	42.57	17.85	58.51	35.27	20.82	0.05	14.05	65.13	9.75

Average Frequency : 50.007	Frequency Variation Index : 0.0314	Standard Deviation : 0.0557	Mileage: 49.1	FDI: 25.1
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency	
Max	50.209 6:02:00
Min	49.789 15:23:20

15 minute Average Frequency	
Max	50.097 13:15:00
Min	49.883 15:30:00

No. of excursions	
above 50.03 Hz	191
below 49.97 Hz	133
above 50.00 Hz	187
below 50.00 Hz	186

Average time freq per excursion remains	
below 49.97	0:02:24
above 50.03	0:02:40

No. of hours freq outside 49.9-50.05 Hz	6:01:50
---	---------

Source : AGRA 10 Sec. (8640 samples)