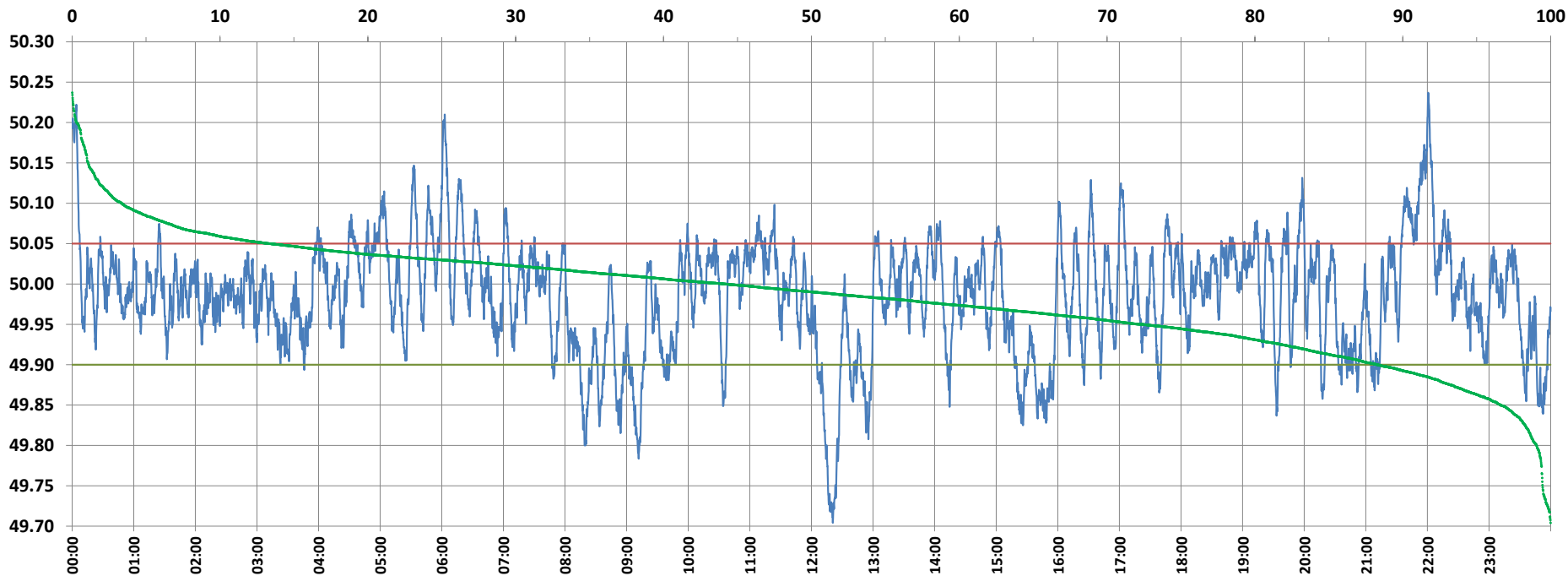


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-Dec-2021 (Wednesday)



<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	11.74	37.95	0.94	10.80	44.10	40.82	3.04	74.91	99.70	37.25	10.01	44.17	24.80	13.36	0.30	27.64	59.00	15.90

Average Frequency : 49.984	Frequency Variation Index : 0.0505	Standard Deviation : 0.0693	Mileage: 50.5	FDI: 25.1
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.237	22:00:40
Min	49.704	12:20:50

15 minute Average Frequency		
Max	50.112	22:00:00
Min	49.778	12:30:00

No. of excursions	
above 50.03 Hz	160
below 49.97 Hz	143
above 50.00 Hz	172
below 50.00 Hz	171

Average time freq per excursion remains	
below 49.97	0:03:49
above 50.03	0:02:14

No. of hours freq outside 49.9-50.05 Hz	6:01:20
---	---------

Source : AGRA 10 Sec. (8640 samples)