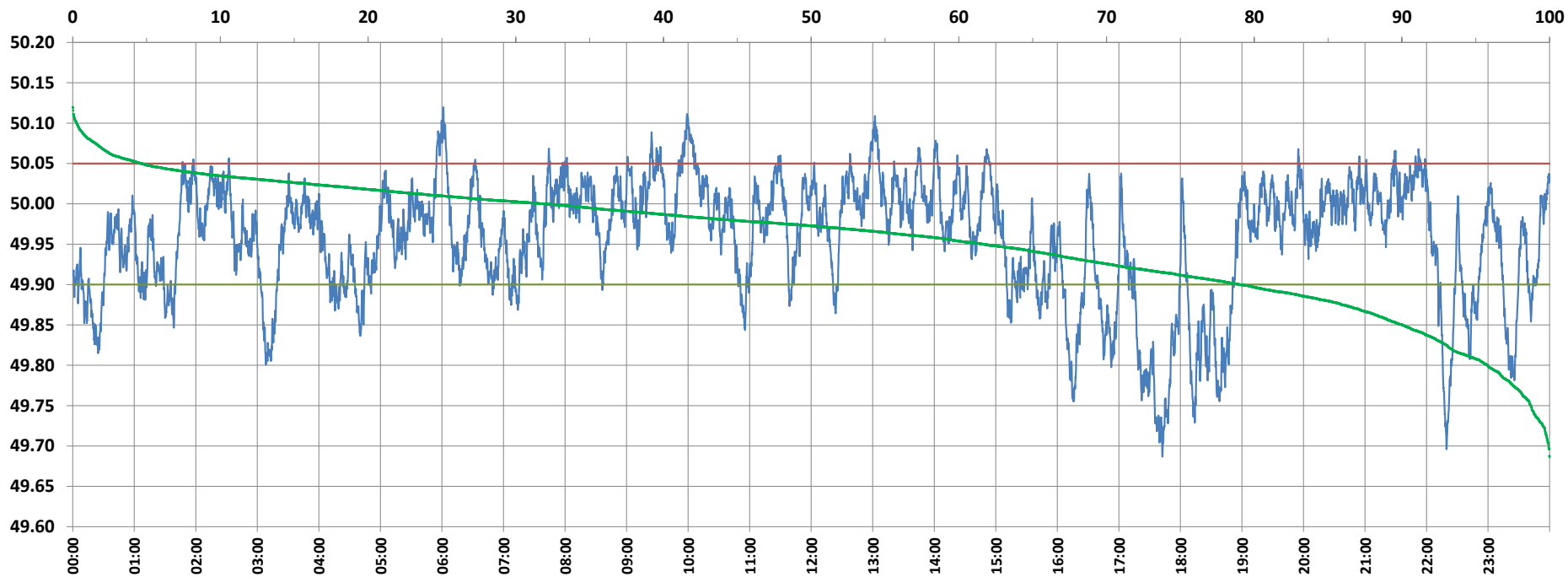


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Oct-2021 (Monday)



<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
0.07	21.02	48.16	4.12	16.83	47.08	31.64	0.25	74.36	99.93	39.00	4.36	31.90	12.84	4.62	0.00	38.36	57.03	17.34

Average Frequency : 49.956	Frequency Variation Index : 0.0743	Standard Deviation : 0.0740	Mileage: 45.7	FDI: 25.6
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.120	6:01:20
Min	49.687	17:42:20

15 minute Average Frequency		
Max	50.051	10:15:00
Min	49.748	17:45:00

No. of excursions	
above 50.03 Hz	137
below 49.97 Hz	136
above 50.00 Hz	172
below 50.00 Hz	172

Average time freq per excursion remains	
below 49.97	0:05:06
above 50.03	0:01:21

No. of hours freq outside 49.9-50.05 Hz	6:09:10
---	---------

Source : AGRA 10 Sec. (8640 samples)