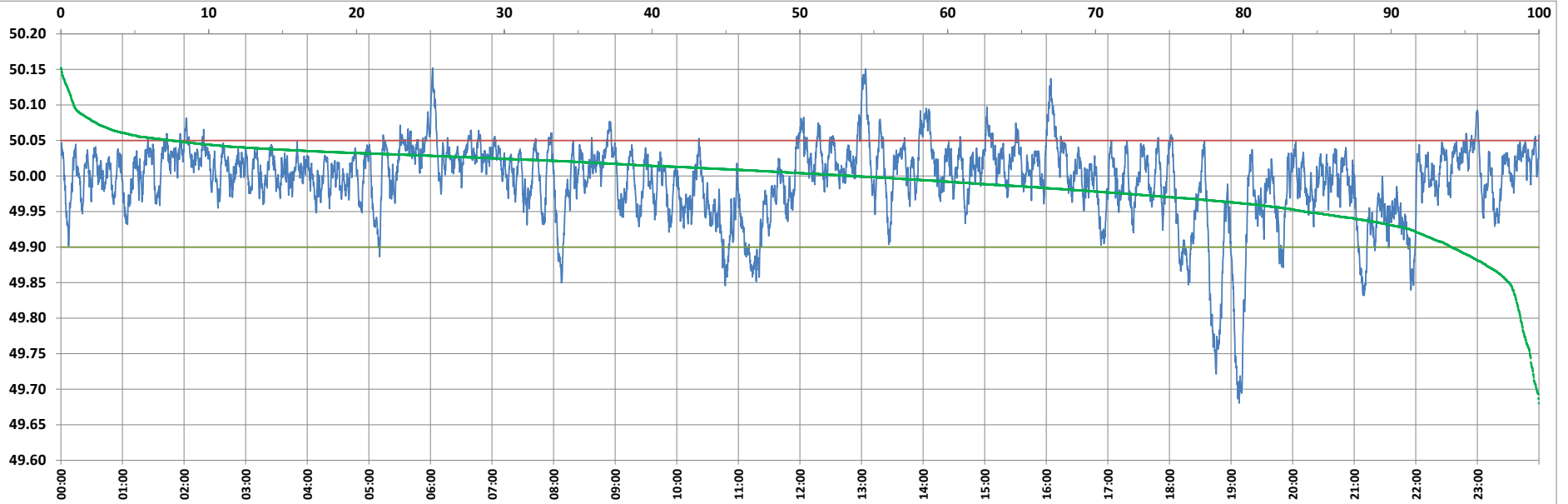


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Sep-2022 (Sunday)



<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
0.17	5.91	24.77	1.06	4.68	40.44	52.79	0.86	86.63	99.83	51.98	6.60	53.65	23.25	7.45	0.00	15.88	76.67	9.97

Average Frequency : 49.994	Frequency Variation Index : 0.0307	Standard Deviation : 0.0550	Mileage: 45.3	FDI: 13.4
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.152	6:02:10
Min	49.680	19:07:50

15 minute Average Frequency		
Max	50.070	16:15:00
Min	49.774	19:15:00

No. of excursions	
above 50.03 Hz	233
below 49.97 Hz	143
above 50.00 Hz	199
below 50.00 Hz	198

Average time freq per excursion remains	
below 49.97	0:02:30
above 50.03	0:01:26

No. of hours freq outside 49.9-50.05 Hz	3:12:30
---	---------

Source : AGRA 10 Sec. (8640 samples)