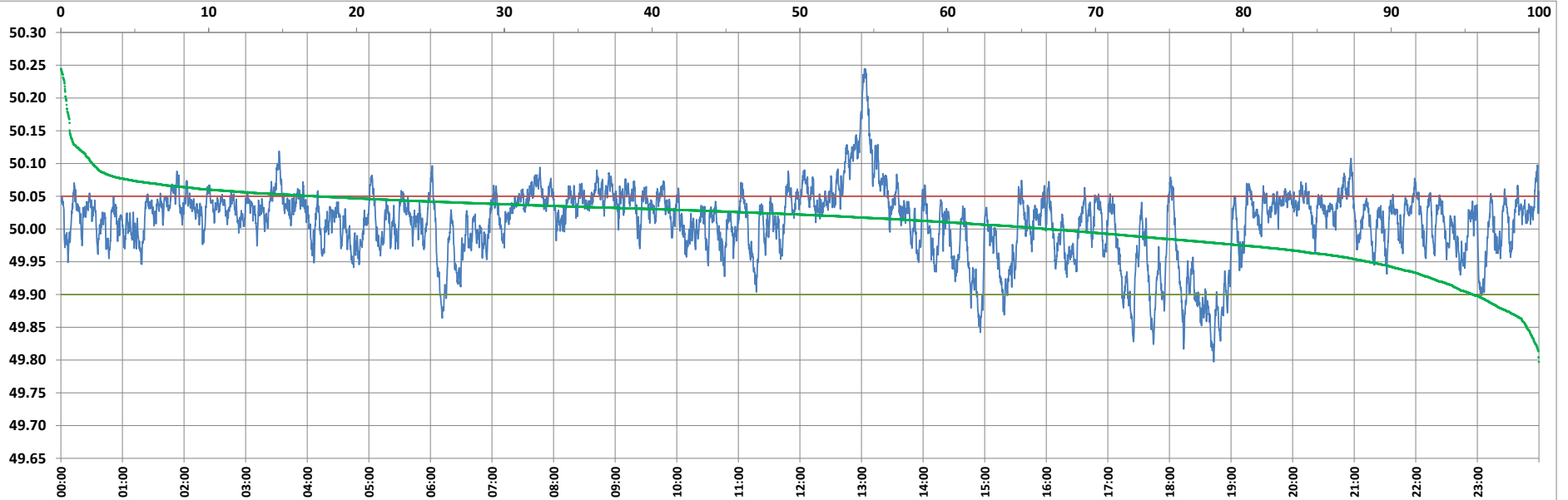


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Sep-2022 (Saturday)



<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	4.48	17.65	0.01	4.47	28.84	64.55	1.79	78.29	99.66	41.68	15.10	66.68	40.67	17.23	0.34	11.52	71.25	7.04

Average Frequency : 50.011	Frequency Variation Index : 0.0286	Standard Deviation : 0.0524	Mileage: 44.6	FDI: 21.7
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.245	13:02:50
Min	49.797	18:43:10

15 minute Average Frequency		
Max	50.160	13:15:00
Min	49.861	18:45:00

No. of excursions	
above 50.03 Hz	258
below 49.97 Hz	106
above 50.00 Hz	151
below 50.00 Hz	150

Average time freq per excursion remains	
below 49.97	0:02:24
above 50.03	0:02:16

No. of hours freq outside 49.9-50.05 Hz	5:12:40
---	---------

Source : AGRA 10 Sec. (8640 samples)