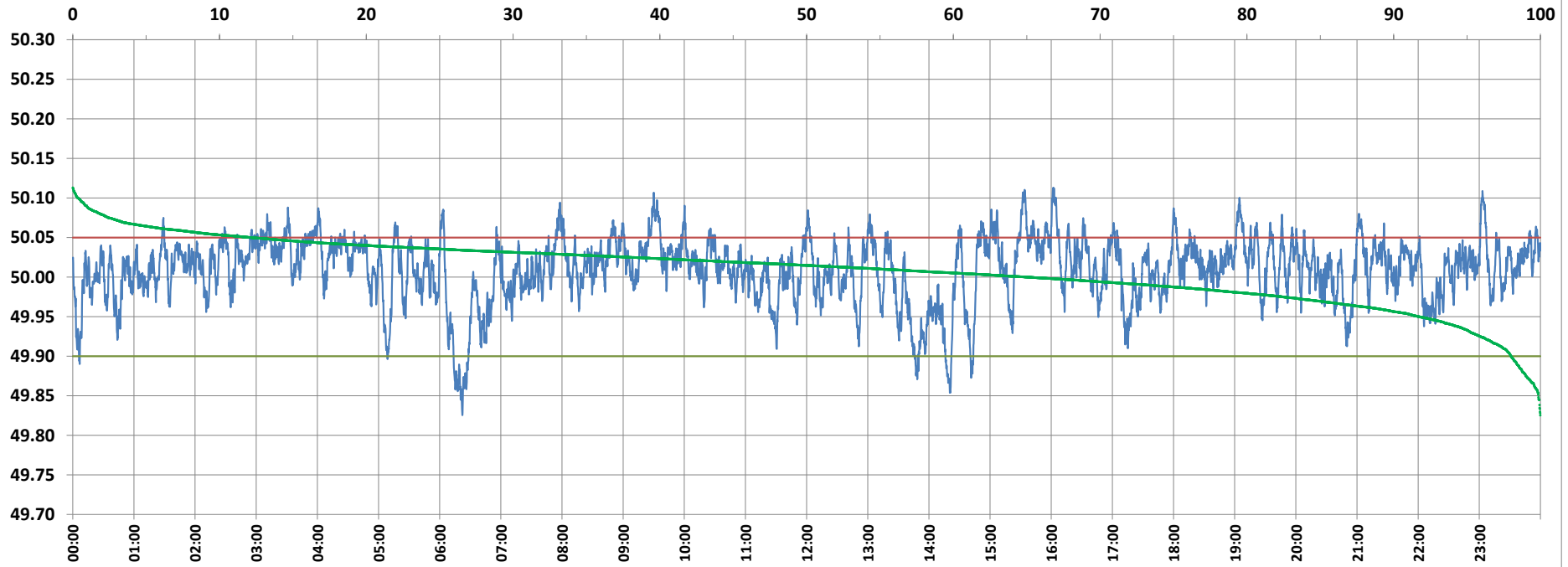


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Aug-2021 (Tuesday)



<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	2.00	15.25	0.00	2.00	32.92	64.72	0.36	85.88	100.00	52.80	11.77	65.08	31.94	12.12	0.00	8.30	79.58	6.30

Average Frequency : 50.009	Frequency Variation Index : 0.0173	Standard Deviation : 0.0407	Mileage: 42.2	FDI: 14.1
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.113	16:01:50
Min	49.826	6:22:10

15 minute Average Frequency		
Max	50.068	15:45:00
Min	49.872	6:30:00

No. of excursions	
above 50.03 Hz	247
below 49.97 Hz	101
above 50.00 Hz	192
below 50.00 Hz	191

Average time freq per excursion remains	
below 49.97	0:02:10
above 50.03	0:01:52

No. of hours freq outside 49.9-50.05 Hz	3:23:20
---	---------

Source : AGRA 10 Sec. (8640 samples)