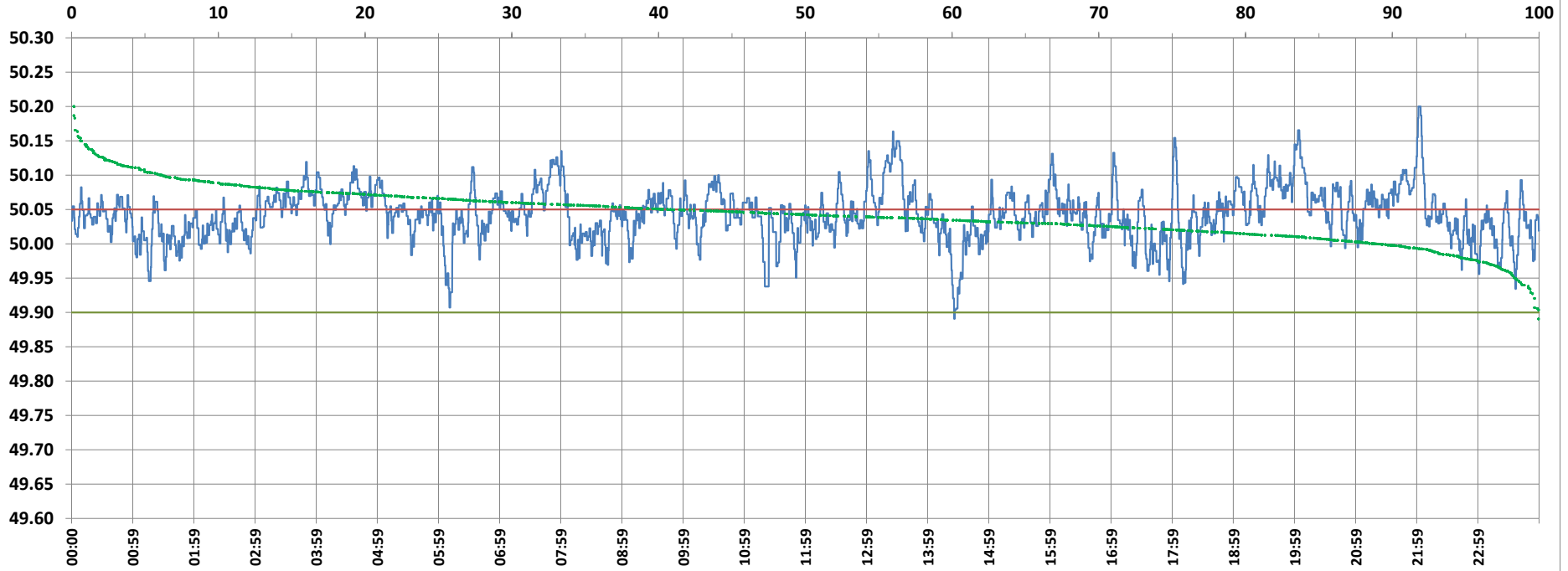


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Sep-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	0.05	3.21	0.00	0.05	11.05	82.80	5.95	59.35	99.85	31.34	34.50	88.90	65.45	40.60	0.15	1.70	57.70	1.66

Average Frequency : 50.043	Frequency Variation Index : 0.0329	Standard Deviation : 0.0384	Mileage: 23.0	FDI: 40.6
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.200	22:01:00
Min	49.891	14:25:34

15 minute Average Frequency		
Max	50.119	13:30:00
Min	49.970	14:30:00

No. of excursions	
above 50.03 Hz	124
below 49.97 Hz	19
above 50.00 Hz	73
below 50.00 Hz	72

Average time freq per excursion remains	
below 49.97	0:02:26
above 50.03	0:07:36

No. of hours freq outside 49.9-50.05 Hz	9:45:20
---	---------

Source : AGRA 10 Sec. (8640 samples)