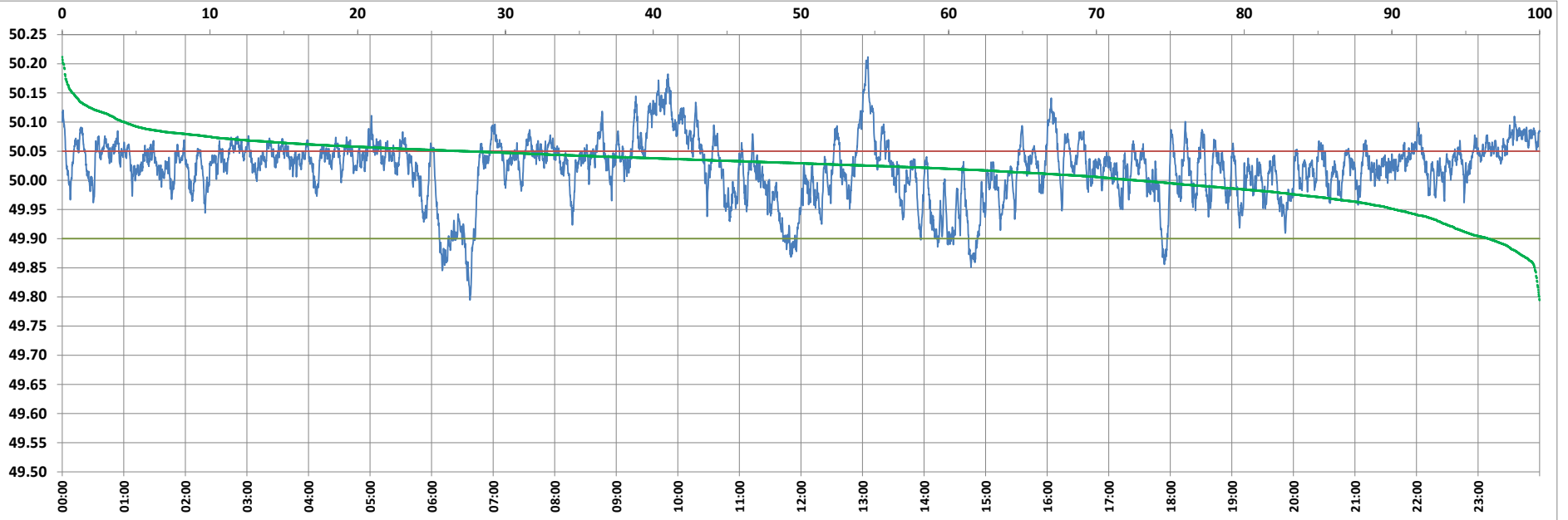


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Jul-2022 (Thursday)



<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	3.50	14.46	0.02	3.47	23.77	68.53	4.12	69.20	99.92	36.22	23.10	72.73	49.33	27.30	0.08	9.78	62.92	6.28

Average Frequency : 50.021	Frequency Variation Index : 0.0322	Standard Deviation : 0.0528	Mileage: 42.5	FDI: 30.8
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.212	13:05:10
Min	49.795	6:37:20

15 minute Average Frequency			
Max	50.128	9:45:00	
Min	49.883	6:45:00	

No. of excursions	
above 50.03 Hz	234
below 49.97 Hz	80
above 50.00 Hz	120
below 50.00 Hz	119

Average time freq per excursion remains	
below 49.97	0:02:36
above 50.03	0:03:02

No. of hours freq outside 49.9-50.05 Hz	7:23:30
---	---------

Source : AGRA 10 Sec. (8640 samples)