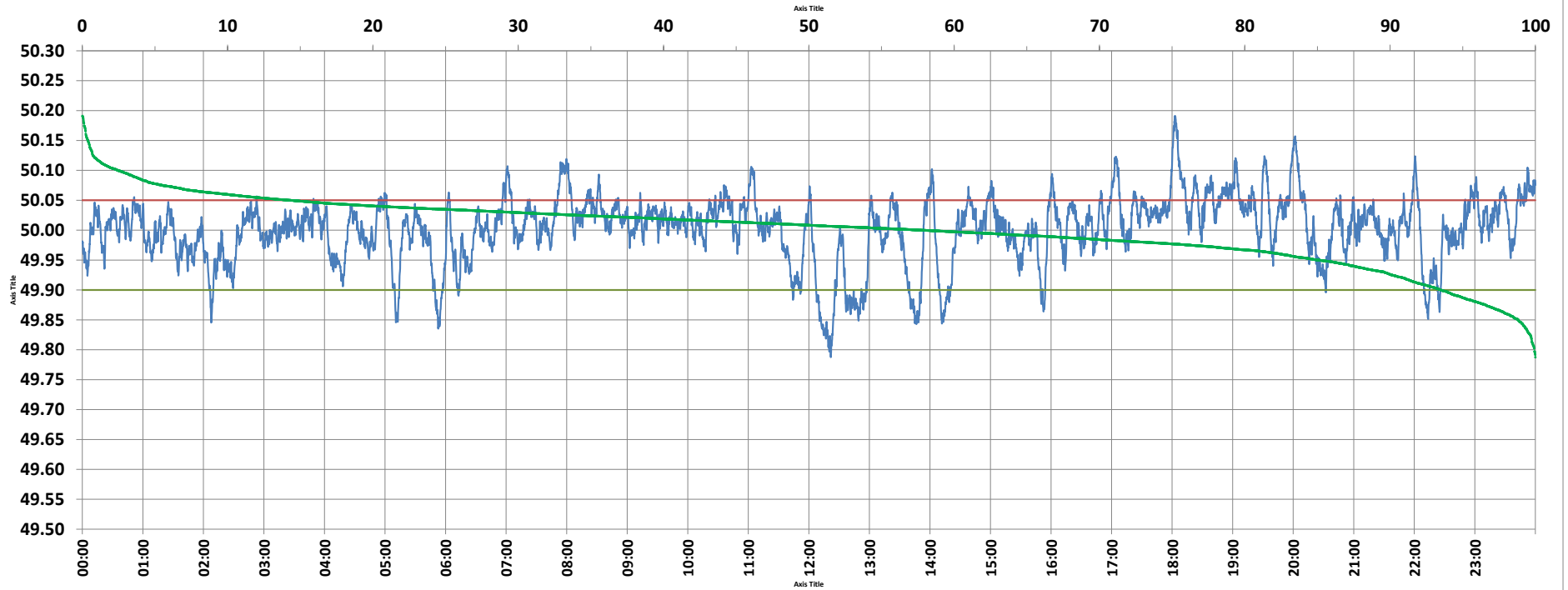


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-Jul-2021 (Wednesday)



<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	6.52	21.37	0.07	6.45	35.56	55.47	2.45	79.12	100.00	49.10	11.91	57.92	29.54	14.36	0.00	14.88	70.75	8.37

Average Frequency : 50.001	Frequency Variation Index : 0.0302	Standard Deviation : 0.0549	Mileage: 40.6	FDI: 20.9
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.191	18:02:50
Min	49.788	12:21:40

15 minute Average Frequency		
Max	50.113	18:15:00
Min	49.858	12:30:00

No. of excursions	
above 50.03 Hz	182
below 49.97 Hz	90
above 50.00 Hz	171
below 50.00 Hz	171

Average time freq per excursion remains	
below 49.97	0:03:25
above 50.03	0:02:20

No. of hours freq outside 49.9-50.05 Hz	5:00:40
---	---------

Source : AGRA 10 Sec. (8640 samples)