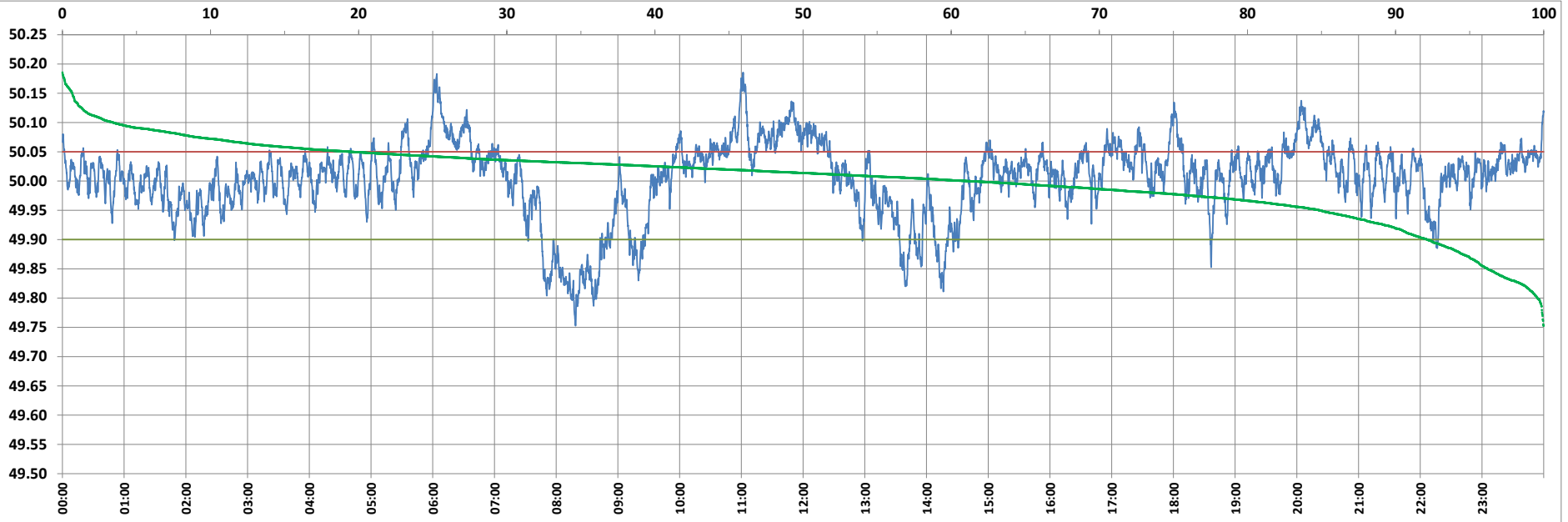


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Jul-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	7.86	21.37	0.42	7.44	31.01	57.70	3.44	72.62	100.00	42.95	16.09	61.13	35.68	19.53	0.00	15.09	65.38	7.23

Average Frequency : 50.004	Frequency Variation Index : 0.0404	Standard Deviation : 0.0634	Mileage: 43.6	FDI: 27.4
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.186	11:01:40
Min	49.753	8:18:40

15 minute Average Frequency			
Max	50.126	6:15:00	
Min	49.816	8:30:00	

No. of excursions	
above 50.03 Hz	195
below 49.97 Hz	90
above 50.00 Hz	182
below 50.00 Hz	181

Average time freq per excursion remains	
below 49.97	0:03:25
above 50.03	0:02:38

No. of hours freq outside 49.9-50.05 Hz	6:34:20
---	---------

Source : AGRA 10 Sec. (8640 samples)