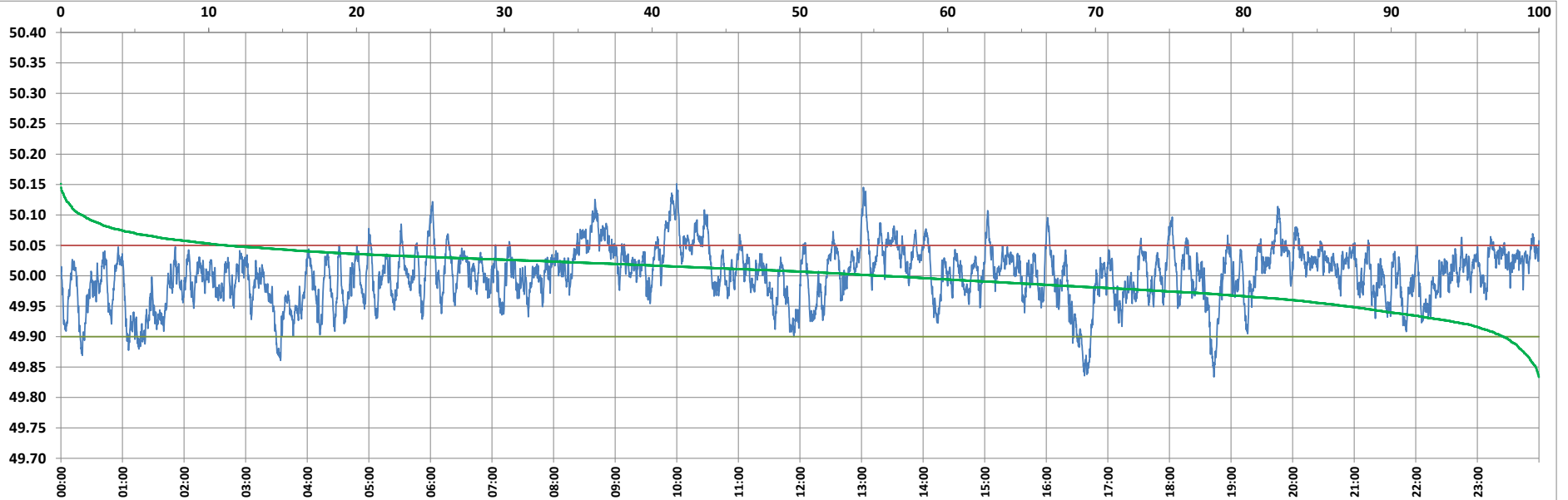


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-Oct-2022 (Monday)



<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	2.42	21.93	0.00	2.42	42.07	54.09	1.42	86.37	100.00	52.03	9.79	55.51	26.04	11.22	0.00	12.99	75.80	10.57

Average Frequency : 50.002	Frequency Variation Index : 0.0209	Standard Deviation : 0.0457	Mileage: 45.1	FDI: 13.6
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.151	9:59:50
Min	49.834	18:43:20

15 minute Average Frequency		
Max	50.086	10:00:00
Min	49.878	16:45:00

No. of excursions	
above 50.03 Hz	221
below 49.97 Hz	147
above 50.00 Hz	192
below 50.00 Hz	191

Average time freq per excursion remains	
below 49.97	0:02:09
above 50.03	0:01:42

No. of hours freq outside 49.9-50.05 Hz	3:16:20
---	---------

Source : AGRA 10 Sec. (8640 samples)