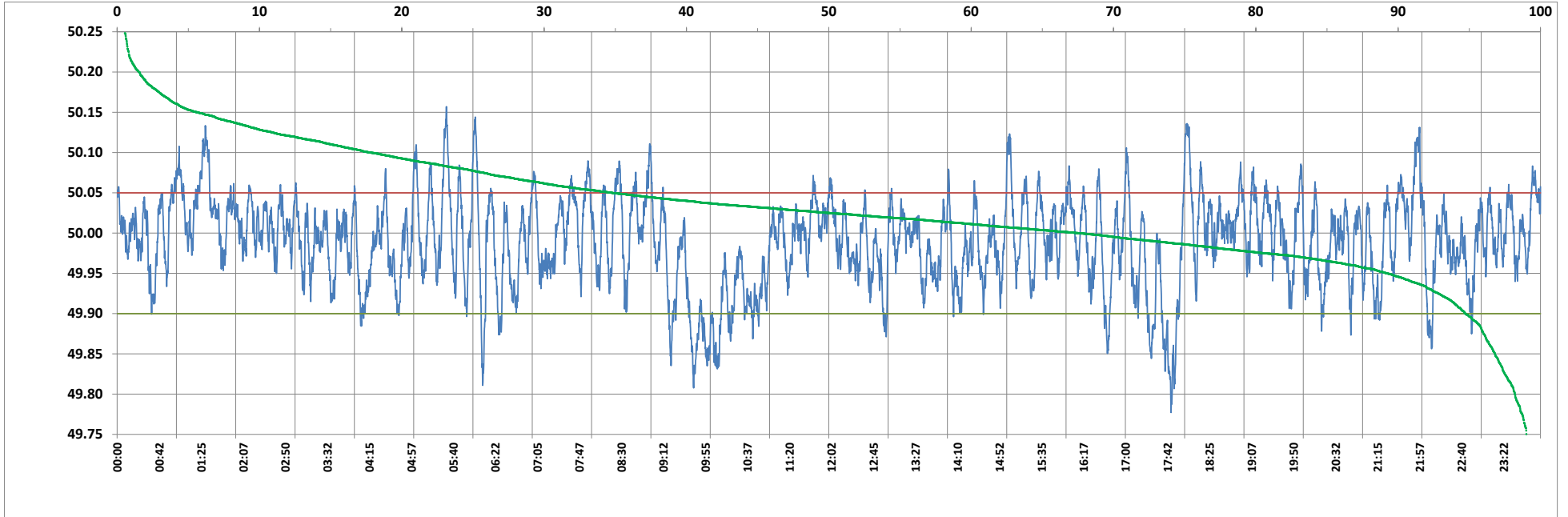


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Nov-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	6.68	33.94	0.10	6.57	48.25	43.19	1.88	82.05	100.00	42.97	9.40	45.07	23.09	11.27	0.00	22.33	66.40	15.65

Average Frequency : 49.989	Frequency Variation Index : 0.0324	Standard Deviation : 0.0558	Mileage: 48.7	FDI: 18.0
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency	
Max	50.157 5:33:00
Min	49.777 17:46:10

15 minute Average Frequency	
Max	50.057 1:30:00
Min	49.871 10:00:00

No. of excursions	
above 50.03 Hz	178
below 49.97 Hz	164
above 50.00 Hz	187
below 50.00 Hz	186

Average time freq per excursion remains	
below 49.97	0:02:59
above 50.03	0:01:52

No. of hours freq outside 49.9-50.05 Hz	4:18:30
-----------------------------------------	---------

Source : AGRA 10 Sec. (8640 samples)