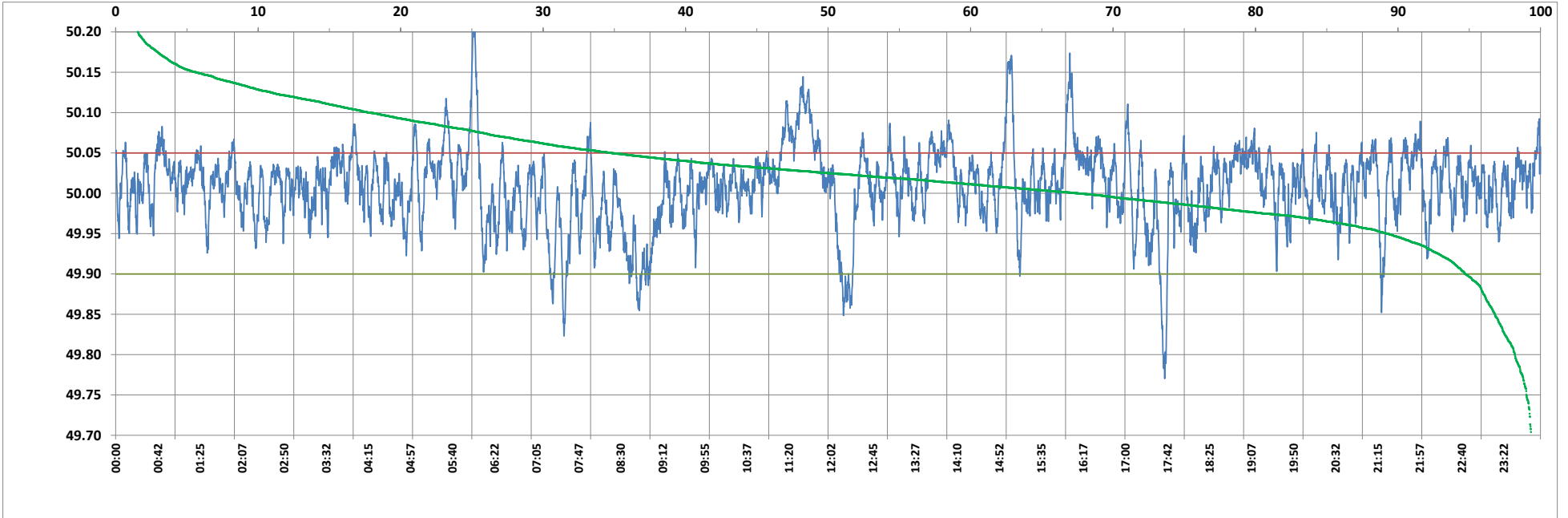


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Oct-2022 (Sunday)



<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	2.74	17.49	0.17	2.57	35.08	59.77	2.28	83.43	99.87	50.71	11.42	62.18	31.81	13.83	0.13	9.72	76.45	6.98

Average Frequency : 50.008	Frequency Variation Index : 0.0235	Standard Deviation : 0.0479	Mileage: 49.4	FDI: 16.6
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.224	6:01:10
Min	49.770	17:40:10

15 minute Average Frequency		
Max	50.108	11:45:00
Min	49.898	9:00:00

No. of excursions	
above 50.03 Hz	273
below 49.97 Hz	135
above 50.00 Hz	238
below 50.00 Hz	237

Average time freq per excursion remains	
below 49.97	0:01:52
above 50.03	0:01:41

No. of hours freq outside 49.9-50.05 Hz	3:58:40
---	---------

Source : BARH 10 Sec. (8640 samples)