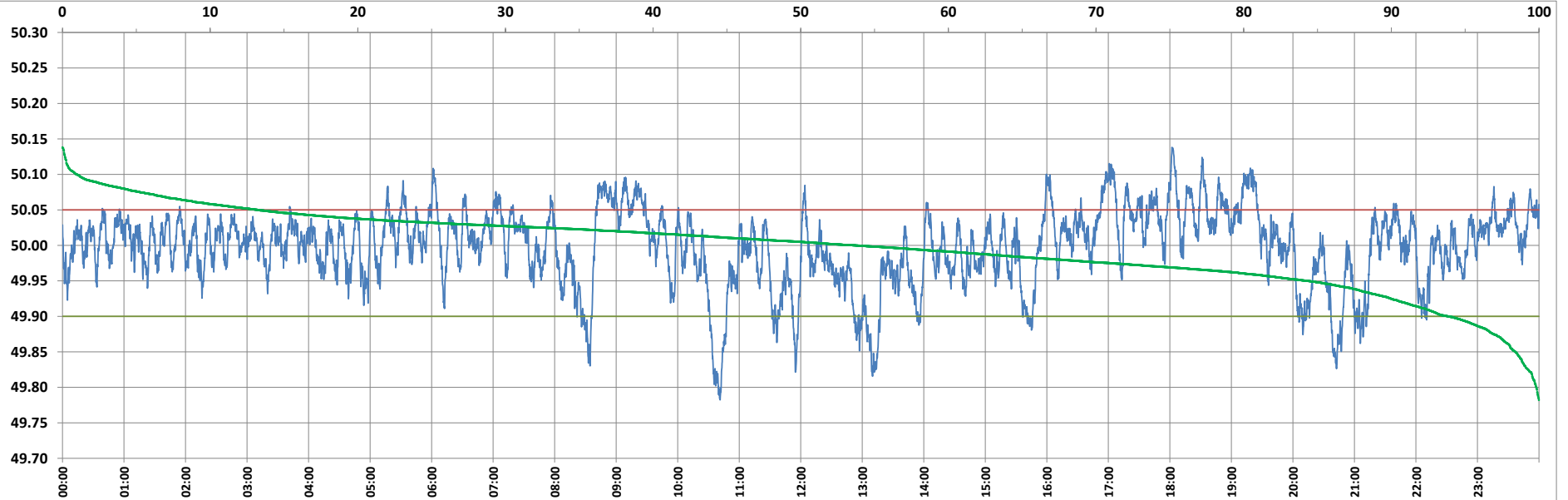


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Oct-2022 (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	6.10	25.59	0.19	5.91	40.15	52.78	0.97	80.67	100.00	47.43	12.27	53.75	26.98	13.23	0.00	15.65	71.12	9.55

Average Frequency : 49.997	Frequency Variation Index : 0.0290	Standard Deviation : 0.0539	Mileage: 44.4	FDI: 19.3
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.138	18:02:00
Min	49.782	10:41:20

15 minute Average Frequency		
Max	50.073	9:00:00
Min	49.835	10:45:00

No. of excursions	
above 50.03 Hz	190
below 49.97 Hz	153
above 50.00 Hz	175
below 50.00 Hz	174

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

No. of hours freq outside 49.9-50.05 Hz	4:38:20
---	---------

Source : BARH 10 Sec. (8640 samples)