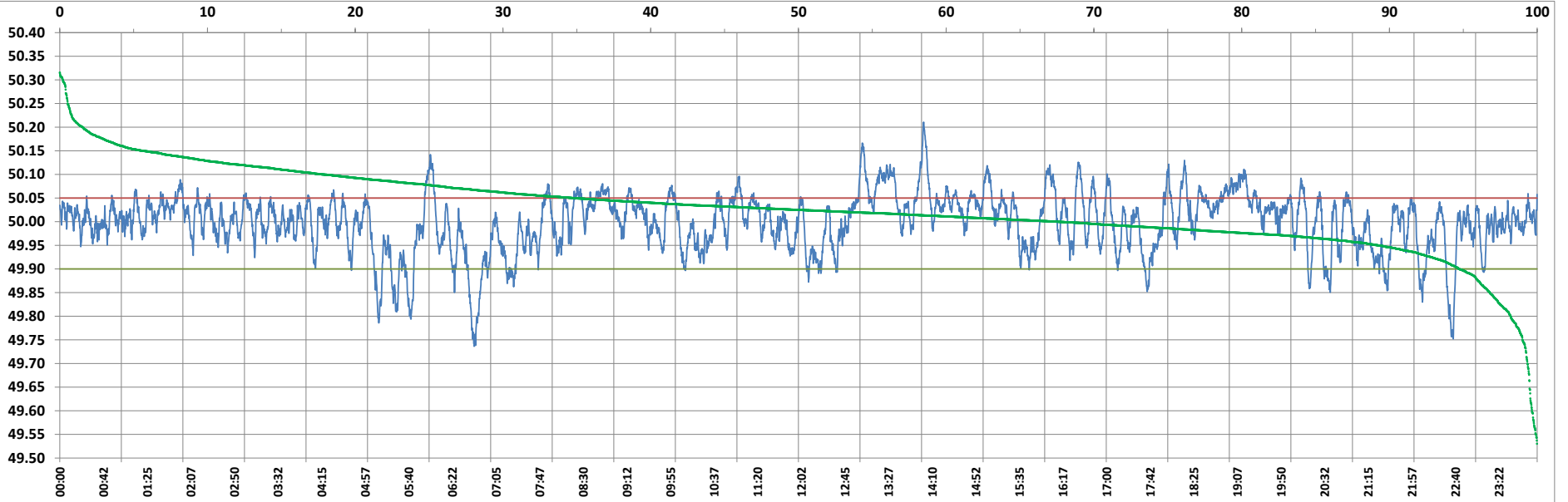


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Nov-2022 (Friday)



<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	6.53	27.55	0.88	5.65	39.49	51.02	2.92	77.21	99.95	41.18	13.30	53.98	31.27	16.26	0.05	18.99	64.75	12.47

Average Frequency : 49.998	Frequency Variation Index : 0.0375	Standard Deviation : 0.0613	Mileage: 45.6	FDI: 22.8
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency	
Max	50.211 14:02:00
Min	49.736 6:43:50

15 minute Average Frequency	
Max	50.097 13:30:00
Min	49.872 7:00:00

No. of excursions	
above 50.03 Hz	194
below 49.97 Hz	132
above 50.00 Hz	157
below 50.00 Hz	156

Average time freq per excursion remains	
below 49.97	0:03:00
above 50.03	0:02:19

No. of hours freq outside 49.9-50.05 Hz	5:28:10
---	---------

Source : BALIPARA 10 Sec. (8640 samples)