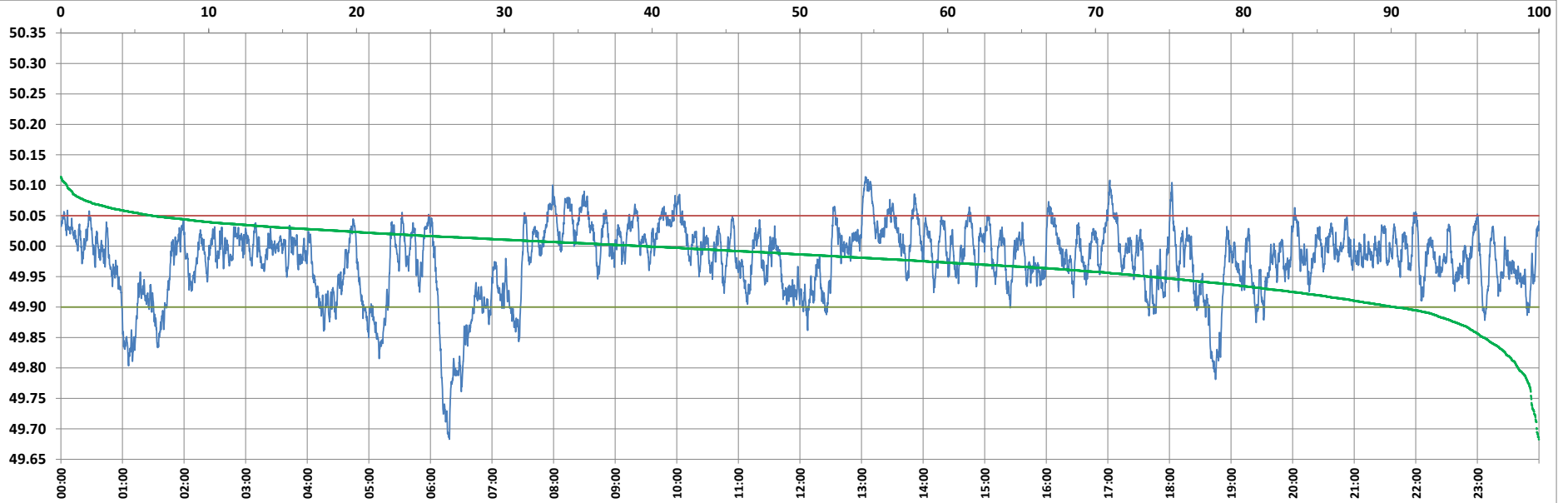


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-Sep-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
0.14	9.76	37.81	1.27	8.34	50.83	39.00	0.41	84.04	99.86	46.84	5.80	39.41	15.35	6.20	0.00	26.39	67.41	16.63

Average Frequency : 49.977	Frequency Variation Index : 0.0403	Standard Deviation : 0.0592	Mileage: 41.6	FDI: 16.0
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.114	13:03:40
Min	49.683	6:18:20

15 minute Average Frequency		
Max	50.077	13:15:00
Min	49.766	6:30:00

No. of excursions	
above 50.03 Hz	123
below 49.97 Hz	144
above 50.00 Hz	194
below 50.00 Hz	193

Average time freq per excursion remains	
below 49.97	0:03:47
above 50.03	0:01:48

No. of hours freq outside 49.9-50.05 Hz	3:49:50
---	---------

Source : AGRA 10 Sec. (8640 samples)