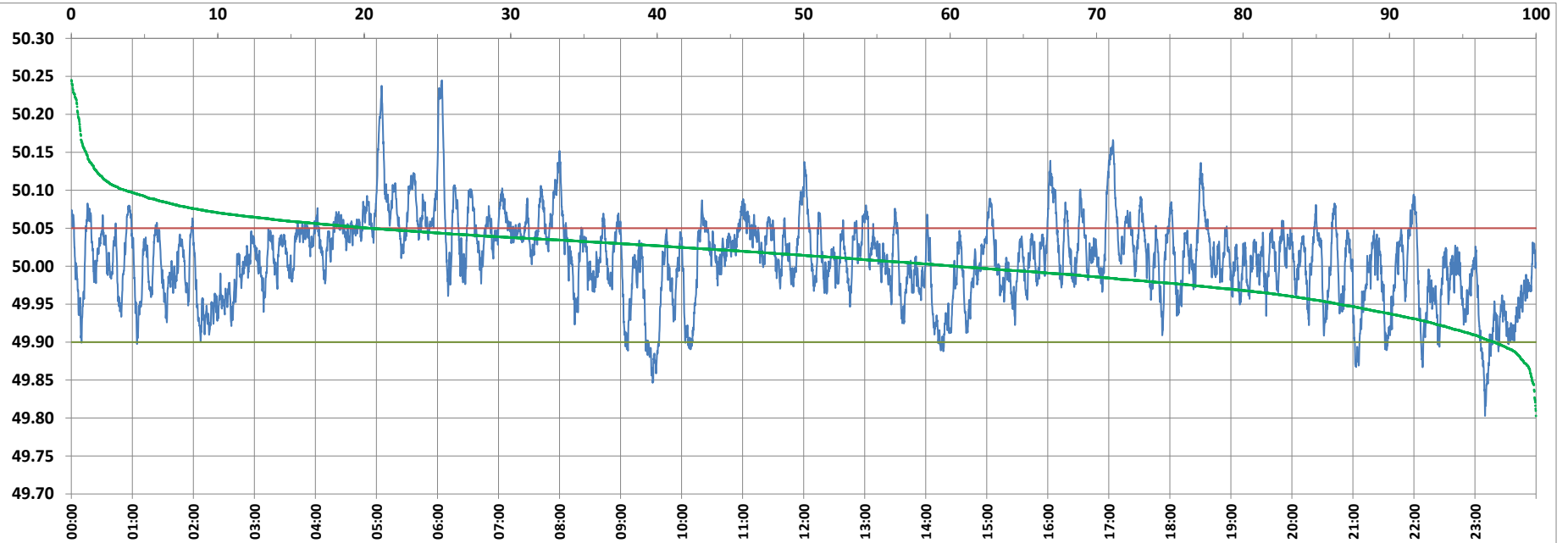


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Mar-2022 (Saturday)



<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	2.84	20.93	0.00	2.84	36.91	56.60	3.21	76.83	99.55	41.77	16.68	60.25	37.30	20.34	0.45	13.50	66.17	10.66

Average Frequency : 50.010

Frequency Variation Index : 0.0306

Standard Deviation : 0.0544

Mileage: 43.1

FDI: 23.2

Instantaneous Frequency

Max	50.245	6:04:20
Min	49.803	23:09:50

15 minute Average Frequency

Max	50.131	5:15:00
Min	49.900	23:15:00

No. of excursions

above 50.03 Hz	177
below 49.97 Hz	113
above 50.00 Hz	171
below 50.00 Hz	170

Average time freq per excursion remains

below 49.97	0:02:40
above 50.03	0:03:02

No. of hours freq outside 49.9-50.05 Hz

5:33:40

Source : AGRA 10 Sec. (8640 samples)