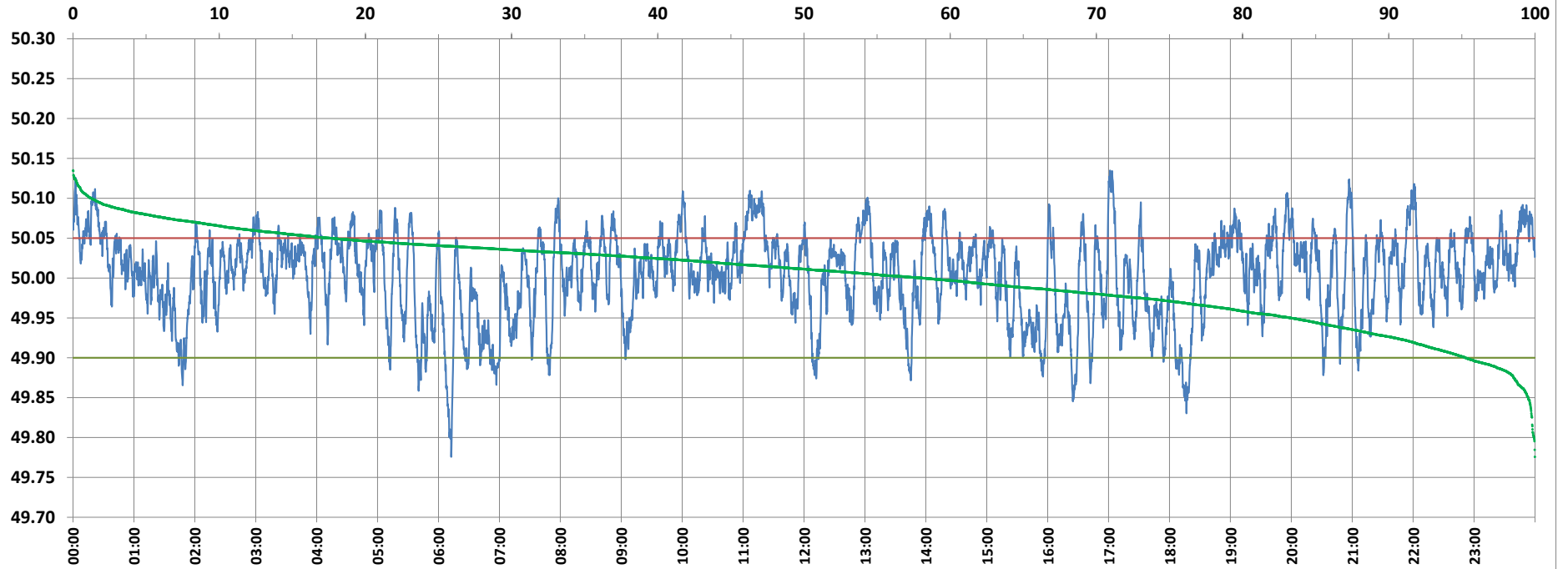


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 06-Dec-2021 (Monday)



<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	4.76	24.54	0.06	4.70	37.18	56.82	1.25	77.64	100.00	40.28	16.35	58.07	35.19	17.60	0.00	16.75	65.65	11.99

Average Frequency : 50.003	Frequency Variation Index : 0.0286	Standard Deviation : 0.0534	Mileage: 47.7	FDI: 22.4
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency	
Max	50.135 17:01:20
Min	49.776 6:12:30

15 minute Average Frequency	
Max	50.080 11:15:00
Min	49.900 6:15:00

No. of excursions	
above 50.03 Hz	209
below 49.97 Hz	117
above 50.00 Hz	177
below 50.00 Hz	176

Average time freq per excursion remains	
below 49.97	0:03:01
above 50.03	0:02:25

No. of hours freq outside 49.9-50.05 Hz	5:22:00
---	---------

Source : AGRA 10 Sec. (8640 samples)