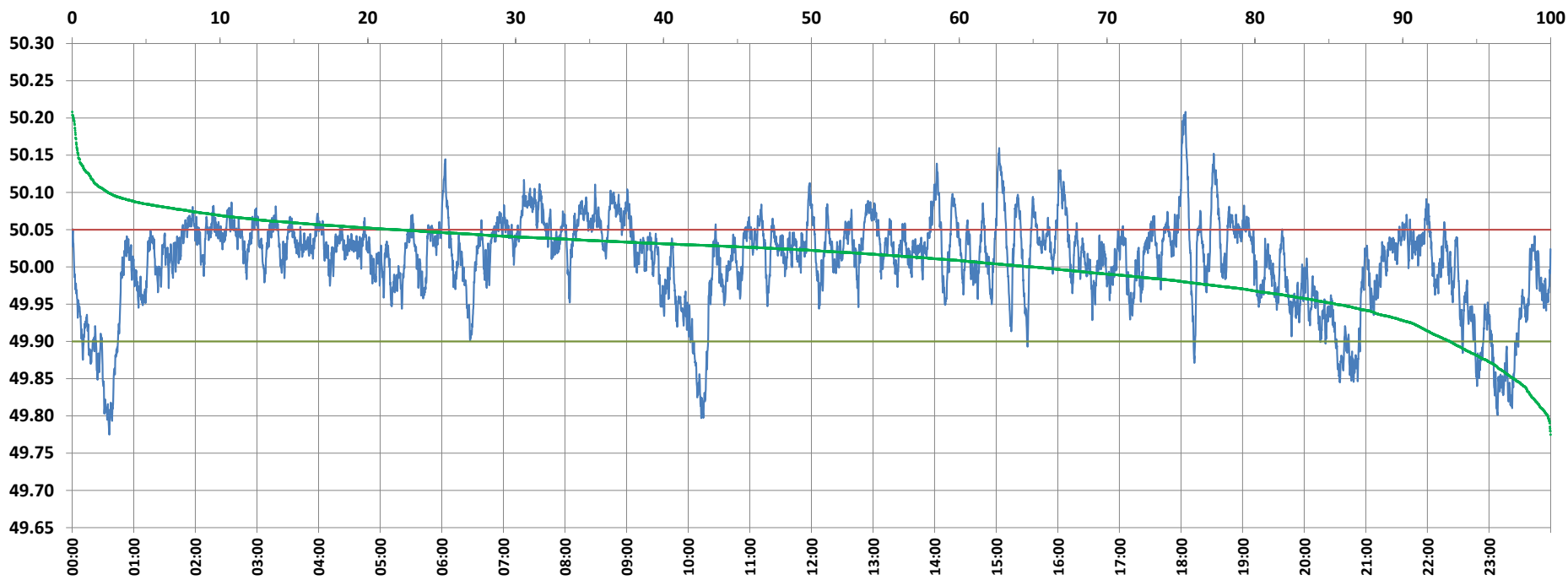


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Oct-2021 (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	6.82	20.64	0.20	6.62	28.32	62.43	2.34	71.23	99.91	37.96	19.53	64.86	41.40	21.96	0.09	14.55	63.50	7.73

Average Frequency : 50.008	Frequency Variation Index : 0.0370	Standard Deviation : 0.0603	Mileage: 44.7	FDI: 28.8
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.208	18:04:20
Min	49.775	0:36:10

15 minute Average Frequency		
Max	50.080	7:30:00
Min	49.831	0:45:00

No. of excursions	
above 50.03 Hz	247
below 49.97 Hz	85
above 50.00 Hz	149
below 50.00 Hz	148

Average time freq per excursion remains	
below 49.97	0:03:30
above 50.03	0:02:25

No. of hours freq outside 49.9-50.05 Hz	6:54:20
---	---------

Source : AGRA 10 Sec. (8640 samples)