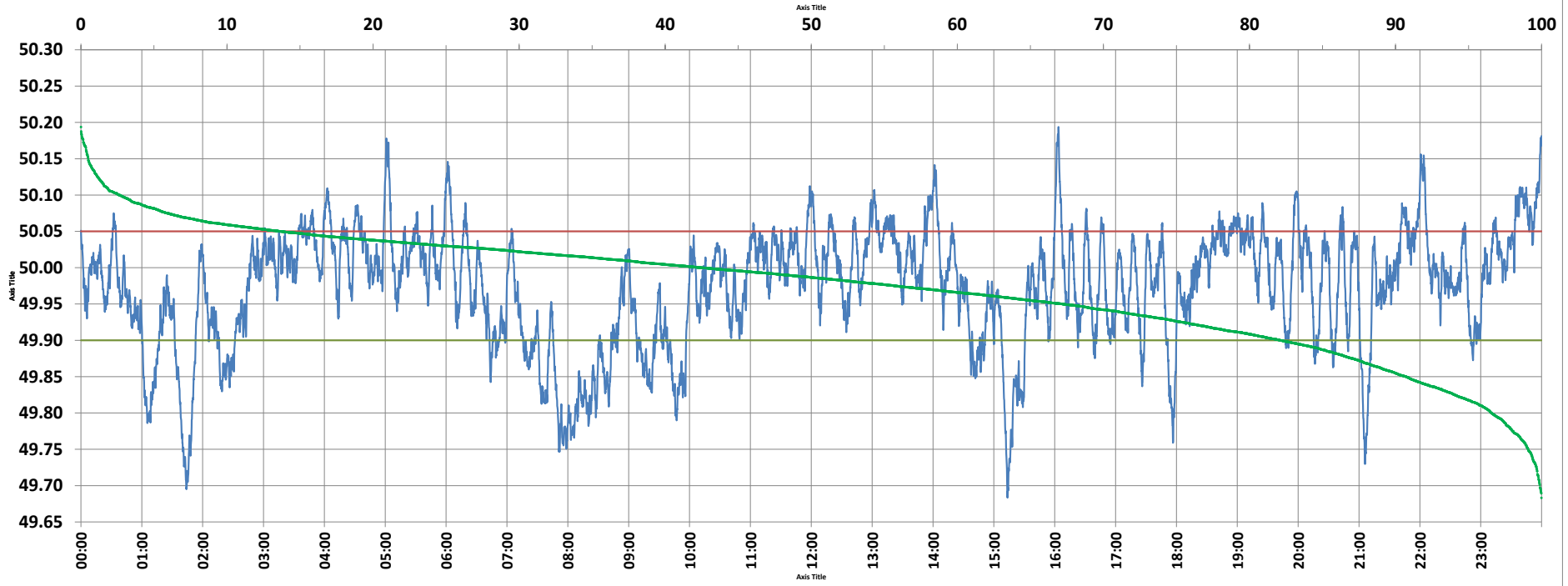


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 18-Nov-2021 (Thursday)



<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
0.12	17.87	41.78	3.33	14.42	39.57	39.91	2.65	68.41	99.88	33.26	11.06	42.56	24.95	13.72	0.00	32.78	53.51	14.91

Average Frequency : 49.973	Frequency Variation Index : 0.0720	Standard Deviation : 0.0805	Mileage: 49.2	FDI: 31.6
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.194	16:03:40
Min	49.683	15:13:20

15 minute Average Frequency		
Max	50.091	0:00:00
Min	49.800	8:00:00

No. of excursions	
above 50.03 Hz	142
below 49.97 Hz	118
above 50.00 Hz	147
below 50.00 Hz	146

Average time freq per excursion remains	
below 49.97	0:05:06
above 50.03	0:02:32

No. of hours freq outside 49.9-50.05 Hz	7:34:50
---	---------

Source : AGRA 10 Sec. (8640 samples)