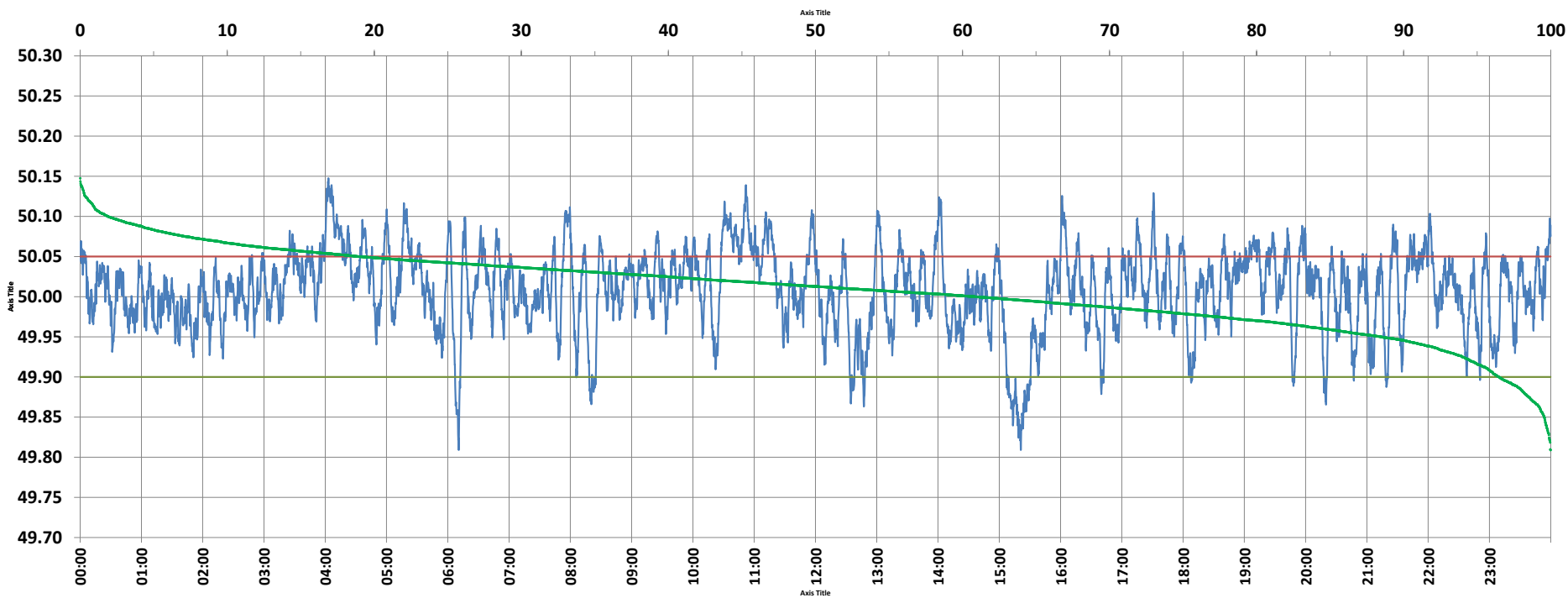


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Nov-2021 (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	3.53	19.94	0.00	3.53	35.64	58.94	1.90	77.55	100.00	44.58	17.03	60.83	35.47	18.92	0.00	11.52	69.56	7.99

Average Frequency : 50.008	Frequency Variation Index : 0.0257	Standard Deviation : 0.0501	Mileage: 48.9	FDI: 22.5
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.148	4:03:00
Min	49.809	15:21:00

15 minute Average Frequency		
Max	50.105	4:15:00
Min	49.861	15:30:00

No. of excursions	
above 50.03 Hz	204
below 49.97 Hz	128
above 50.00 Hz	203
below 50.00 Hz	202

Average time freq per excursion remains	
below 49.97	0:02:15
above 50.03	0:02:30

No. of hours freq outside 49.9-50.05 Hz	5:23:20
---	---------

Source : AGRA 10 Sec. (8640 samples)