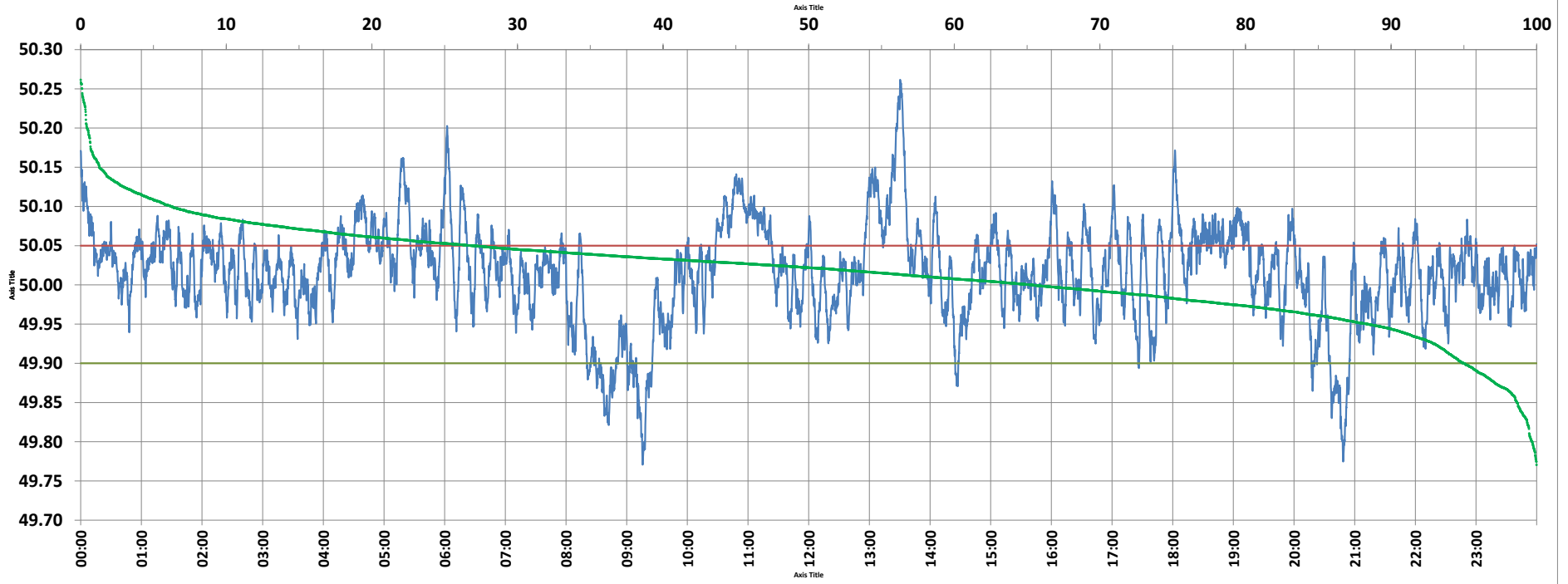


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Nov-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	4.98	18.52	0.32	4.65	29.72	59.05	5.81	68.08	99.56	38.62	20.69	65.30	42.86	26.94	0.44	11.60	61.46	6.62

Average Frequency : 50.016	Frequency Variation Index : 0.0403	Standard Deviation : 0.0615	Mileage: 47.7	FDI: 31.9
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.262	13:30:20
Min	49.771	9:15:40

15 minute Average Frequency		
Max	50.142	13:30:00
Min	49.866	8:45:00

No. of excursions	
above 50.03 Hz	206
below 49.97 Hz	103
above 50.00 Hz	161
below 50.00 Hz	160

Average time freq per excursion remains	
below 49.97	0:02:35
above 50.03	0:03:00

No. of hours freq outside 49.9-50.05 Hz	7:39:40
---	---------

Source : AGRA 10 Sec. (8640 samples)