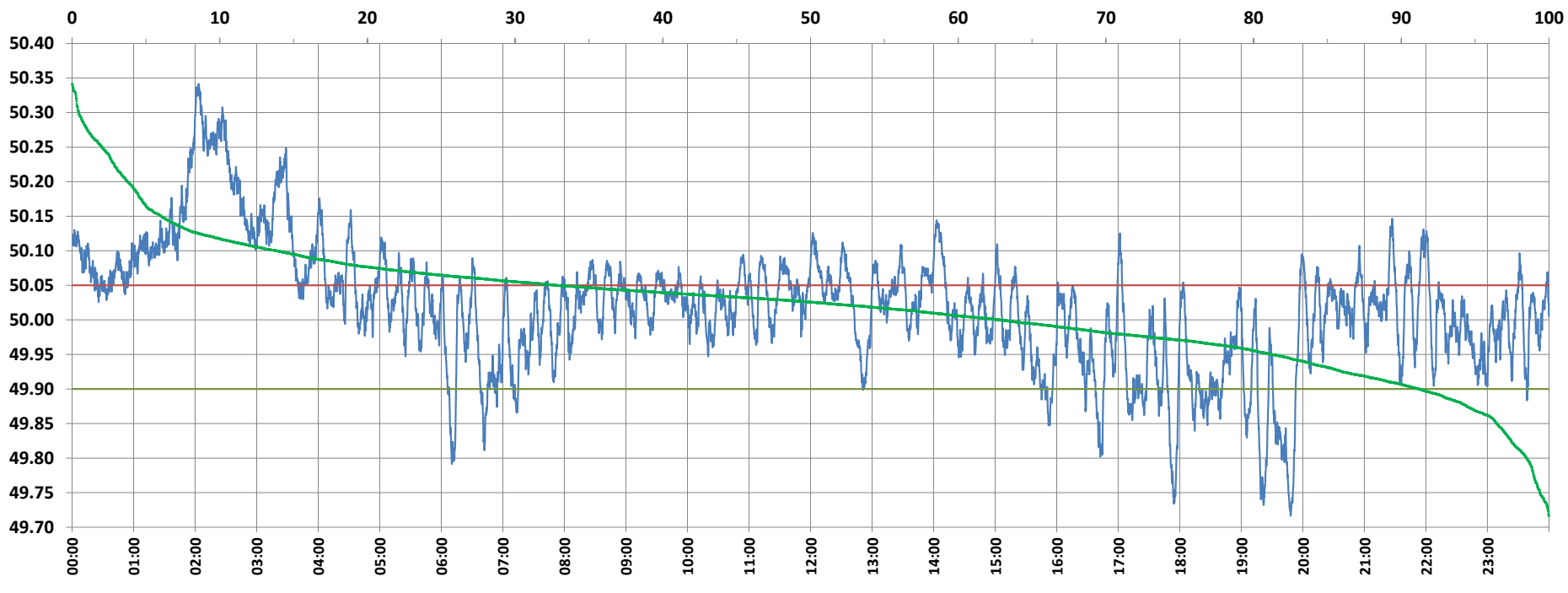


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-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	8.81	24.62	1.50	7.30	28.39	48.98	10.05	58.43	96.23	28.21	18.95	62.80	47.18	32.77	3.77	18.77	48.46	9.97

Average Frequency : 50.019	Frequency Variation Index : 0.0856	Standard Deviation : 0.0905	Mileage: 46.0	FDI: 41.6
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency	
Max	50.341 2:03:20
Min	49.716 19:48:00

15 minute Average Frequency	
Max	50.289 2:15:00
Min	49.835 19:45:00

No. of excursions	
above 50.03 Hz	160
below 49.97 Hz	100
above 50.00 Hz	112
below 50.00 Hz	111

Average time freq per excursion remains	
below 49.97	0:03:33
above 50.03	0:04:15

No. of hours freq outside 49.9-50.05 Hz	9:58:40
---	---------

Source : AGRA 10 Sec. (8640 samples)