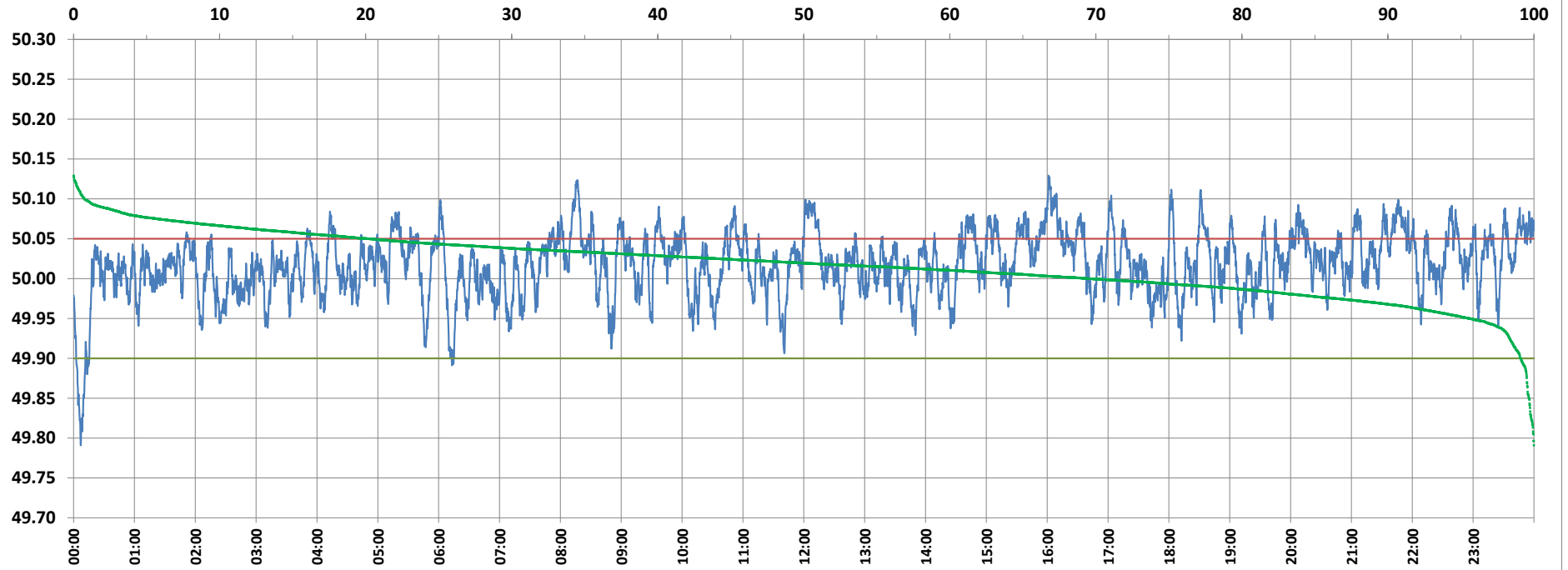


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Aug-2021 (Sunday)



<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	0.90	10.91	0.03	0.87	29.59	68.76	0.74	78.91	100.00	50.43	19.44	69.50	38.66	20.19	0.00	4.42	75.39	3.52

Average Frequency : 50.017	Frequency Variation Index : 0.0187	Standard Deviation : 0.0397	Mileage: 42.1	FDI: 21.1
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.129	16:01:20
Min	49.791	0:07:00

15 minute Average Frequency		
Max	50.087	16:15:00
Min	49.875	0:15:00

No. of excursions	
above 50.03 Hz	217
below 49.97 Hz	101
above 50.00 Hz	202
below 50.00 Hz	202

Average time freq per excursion remains	
below 49.97	0:01:33
above 50.03	0:02:34

No. of hours freq outside 49.9-50.05 Hz	5:03:40
---	---------

Source : AGRA 10 Sec. (8640 samples)