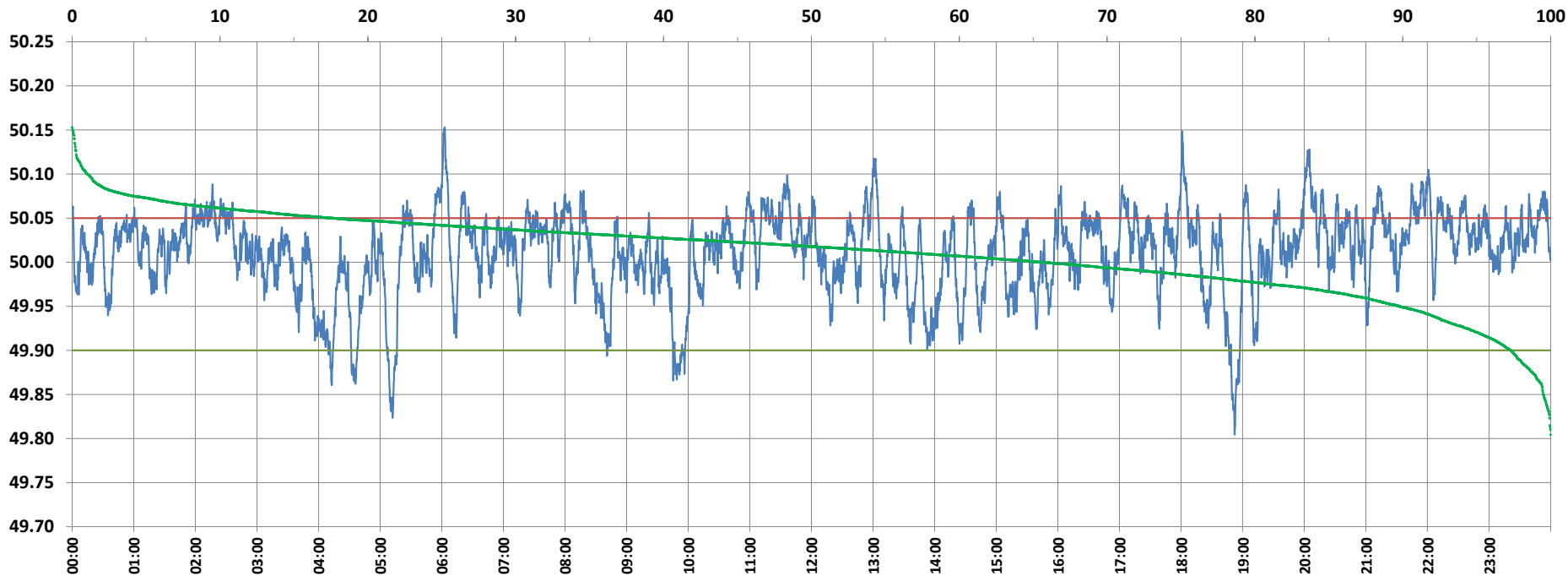


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Aug-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	2.70	16.27	0.00	2.70	31.70	64.57	1.03	79.70	100.00	46.60	16.57	65.59	37.13	17.60	0.00	10.23	72.16	7.53

Average Frequency : 50.011	Frequency Variation Index : 0.0227	Standard Deviation : 0.0464	Mileage: 41.6	FDI: 20.3
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Instantaneous Frequency		
Max	50.153	6:02:50
Min	49.804	18:52:10

15 minute Average Frequency		
Max	50.075	20:15:00
Min	49.886	19:00:00

No. of excursions	
above 50.03 Hz	210
below 49.97 Hz	91
above 50.00 Hz	164
below 50.00 Hz	164

Average time freq per excursion remains	
below 49.97	0:02:35
above 50.03	0:02:33

No. of hours freq outside 49.9-50.05 Hz	4:52:20
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Source : AGRA 10 Sec. (8640 samples)