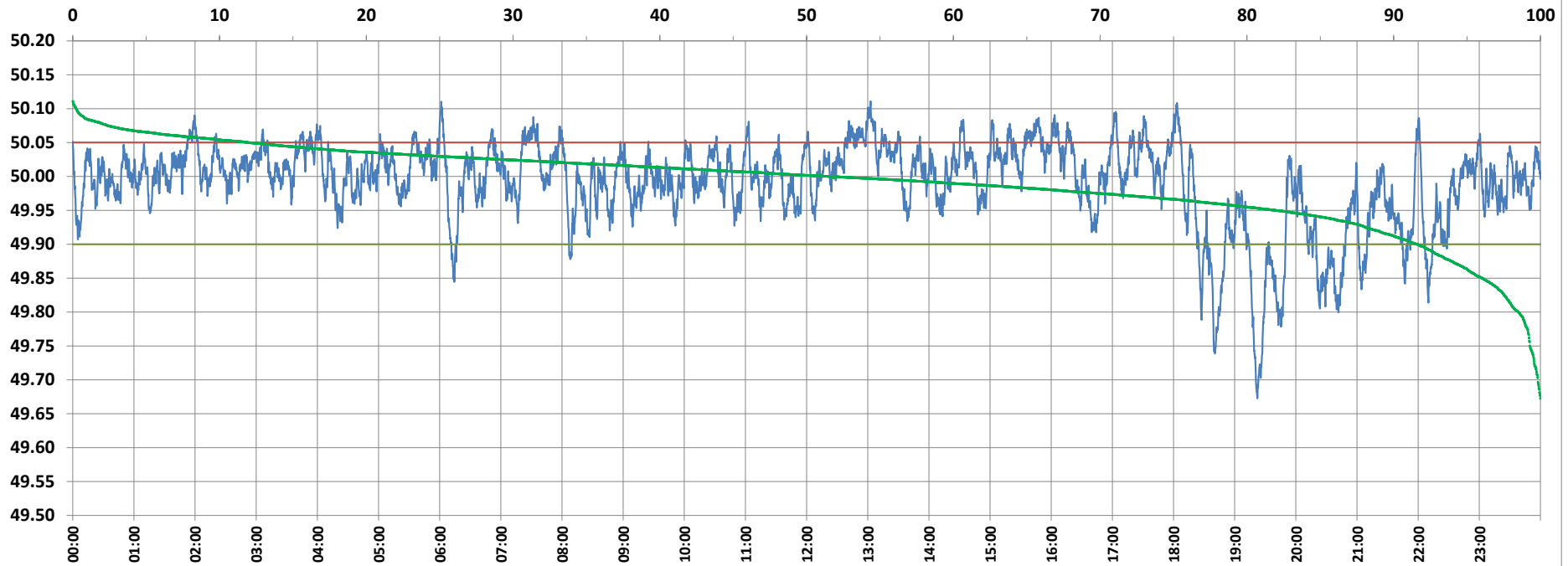


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-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
0.17	8.39	27.06	1.34	6.88	40.01	51.35	0.24	79.65	99.83	48.21	11.71	51.59	24.73	11.96	0.00	18.06	69.99	9.66

Average Frequency : 49.990	Frequency Variation Index : 0.0387	Standard Deviation : 0.0614	Mileage: 42.4	FDI: 20.3
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Instantaneous Frequency		
Max	50.111	13:02:40
Min	49.673	19:22:10

15 minute Average Frequency		
Max	50.060	13:15:00
Min	49.754	19:30:00

No. of excursions	
above 50.03 Hz	175
below 49.97 Hz	124
above 50.00 Hz	194
below 50.00 Hz	193

Average time freq per excursion remains	
below 49.97	0:03:09
above 50.03	0:02:02

No. of hours freq outside 49.9-50.05 Hz	4:53:00
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Source : AGRA 10 Sec. (8640 samples)