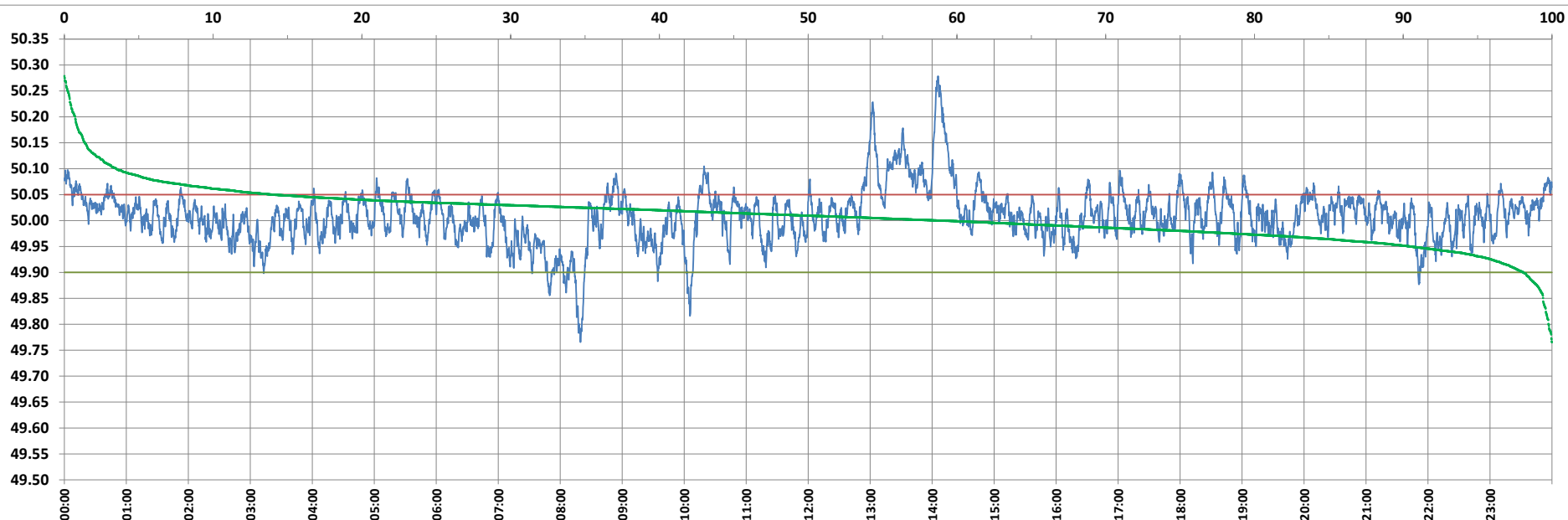


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Jul-2022 (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	1.94	18.06	0.23	1.71	39.13	55.43	2.77	84.02	99.27	52.33	10.54	58.92	29.62	14.04	0.73	9.50	76.46	7.56

Average Frequency : 50.009	Frequency Variation Index : 0.0271	Standard Deviation : 0.0514	Mileage: 43.5	FDI: 16.0
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Instantaneous Frequency		
Max	50.279	14:05:40
Min	49.765	8:19:30

15 minute Average Frequency			
Max	50.202	14:15:00	
Min	49.887	8:30:00	

No. of excursions	
above 50.03 Hz	209
below 49.97 Hz	132
above 50.00 Hz	236
below 50.00 Hz	235

Average time freq per excursion remains	
below 49.97	0:01:58
above 50.03	0:02:02

No. of hours freq outside 49.9-50.05 Hz	3:50:10
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Source : AGRA 10 Sec. (8640 samples)