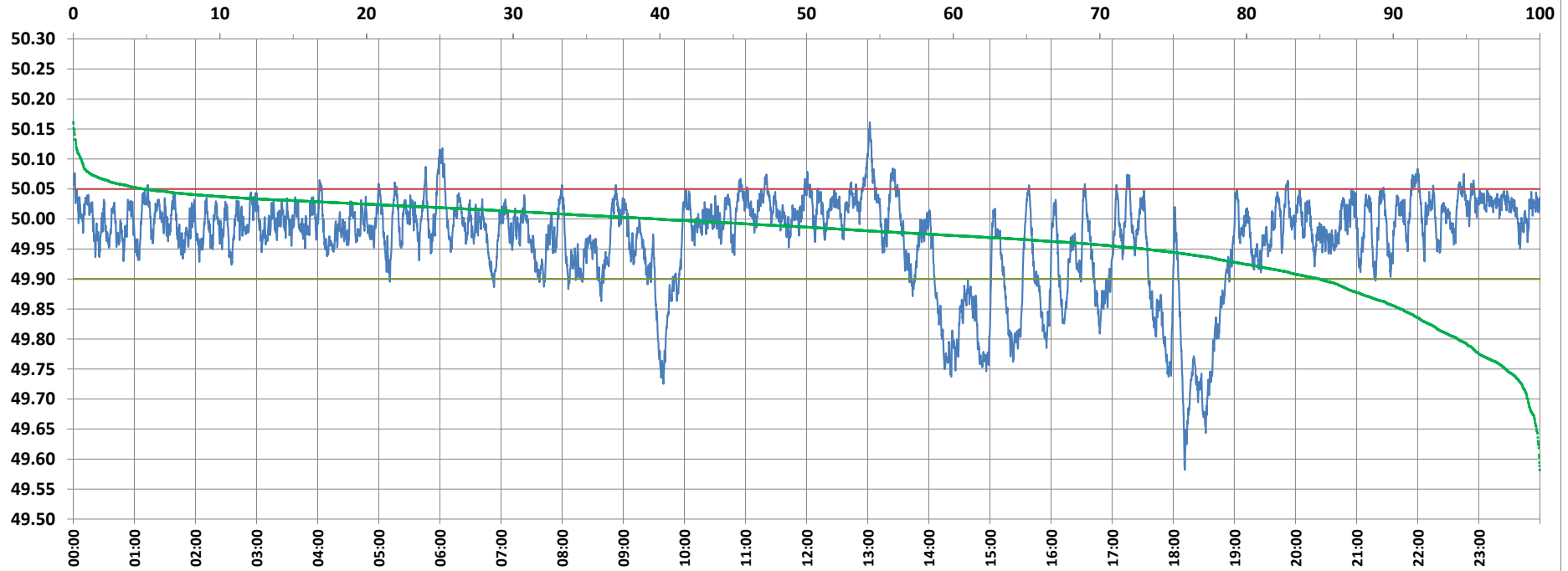


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Oct-2021 (Tuesday)



<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
0.82	15.05	38.15	4.78	9.44	45.20	39.22	0.53	80.15	99.18	46.40	4.27	39.76	15.45	4.80	0.00	26.94	68.25	11.90

Average Frequency : 49.967	Frequency Variation Index : 0.0715	Standard Deviation : 0.0779	Mileage: 48.6	FDI: 19.8
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Instantaneous Frequency		
Max	50.161	13:02:00
Min	49.582	18:11:20

15 minute Average Frequency		
Max	50.058	13:15:00
Min	49.724	18:30:00

No. of excursions	
above 50.03 Hz	176
below 49.97 Hz	181
above 50.00 Hz	192
below 50.00 Hz	191

Average time freq per excursion remains	
below 49.97	0:03:02
above 50.03	0:01:16

No. of hours freq outside 49.9-50.05 Hz	4:45:50
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Source : AGRA 10 Sec. (8640 samples)