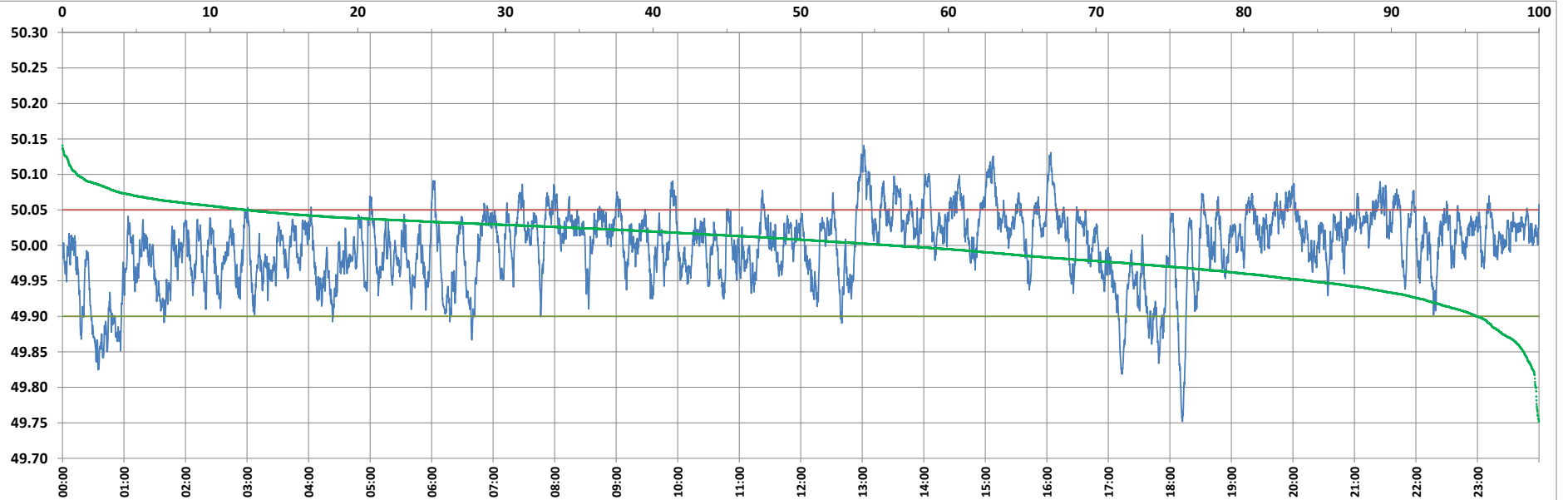


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Oct-2022 (Wednesday)



<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	4.24	24.98	0.21	4.03	39.68	55.10	0.98	83.30	100.00	46.26	11.48	56.09	28.76	12.47	0.00	15.52	72.01	11.28

Average Frequency : 49.999	Frequency Variation Index : 0.0260	Standard Deviation : 0.0510	Mileage: 46.0	FDI: 16.7
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Instantaneous Frequency		
Max	50.141	13:01:20
Min	49.752	18:12:10

15 minute Average Frequency		
Max	50.082	15:15:00
Min	49.860	0:45:00

No. of excursions	
above 50.03 Hz	242
below 49.97 Hz	135
above 50.00 Hz	176
below 50.00 Hz	175

Average time freq per excursion remains	
below 49.97	0:02:40
above 50.03	0:01:43

No. of hours freq outside 49.9-50.05 Hz	4:00:30
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Source : AGRA 10 Sec. (8640 samples)