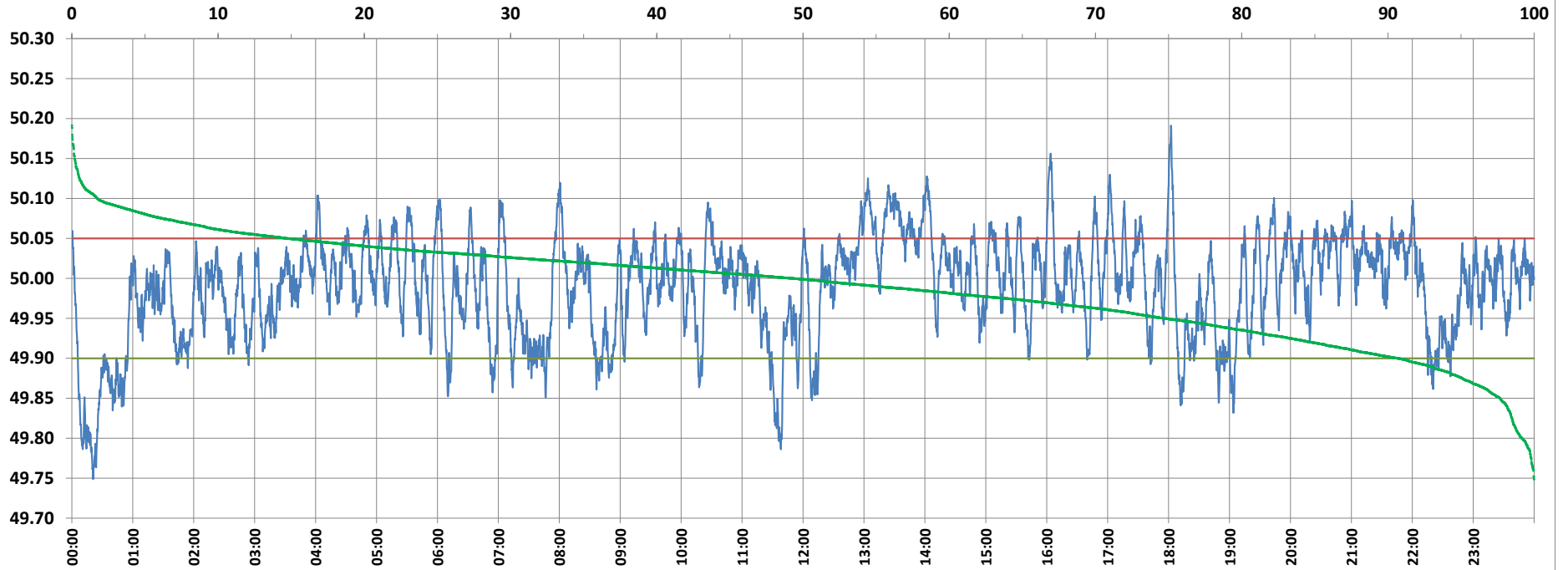


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Jan-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	9.33	33.58	0.84	8.48	41.38	47.53	1.76	75.97	100.00	39.19	12.94	49.29	27.23	14.70	0.00	25.28	60.02	15.95

Average Frequency : 49.989	Frequency Variation Index : 0.0413	Standard Deviation : 0.0634	Mileage: 48.0	FDI: 24.0
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Instantaneous Frequency		
Max	50.191	18:02:20
Min	49.749	0:20:50

15 minute Average Frequency		
Max	50.073	13:15:00
Min	49.808	0:30:00

No. of excursions	
above 50.03 Hz	171
below 49.97 Hz	123
above 50.00 Hz	174
below 50.00 Hz	173

Average time freq per excursion remains	
below 49.97	0:03:56
above 50.03	0:02:18

No. of hours freq outside 49.9-50.05 Hz	5:46:00
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Source : AGRA 10 Sec. (8640 samples)