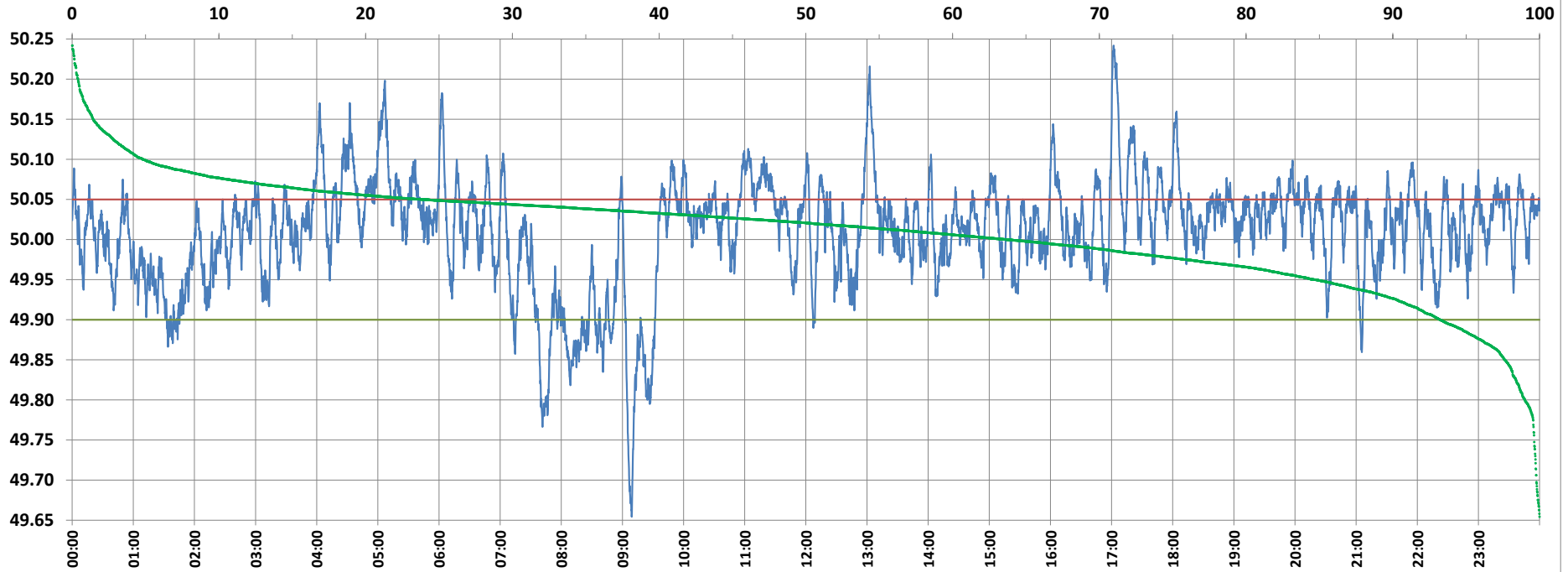


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Jan-2022 (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
0.22	6.79	21.93	0.78	5.80	29.58	58.82	4.41	69.36	99.39	35.69	19.04	63.62	42.37	23.84	0.39	15.35	60.81	8.55

Average Frequency : 50.010	Frequency Variation Index : 0.0457	Standard Deviation : 0.0669	Mileage: 48.9	FDI: 30.6
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Instantaneous Frequency		
Max	50.242	17:02:00
Min	49.654	9:09:00

15 minute Average Frequency		
Max	50.120	17:15:00
Min	49.808	9:15:00

No. of excursions	
above 50.03 Hz	196
below 49.97 Hz	108
above 50.00 Hz	167
below 50.00 Hz	166

Average time freq per excursion remains	
below 49.97	0:02:55
above 50.03	0:03:07

No. of hours freq outside 49.9-50.05 Hz	7:21:10
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Source : AGRA 10 Sec. (8640 samples)