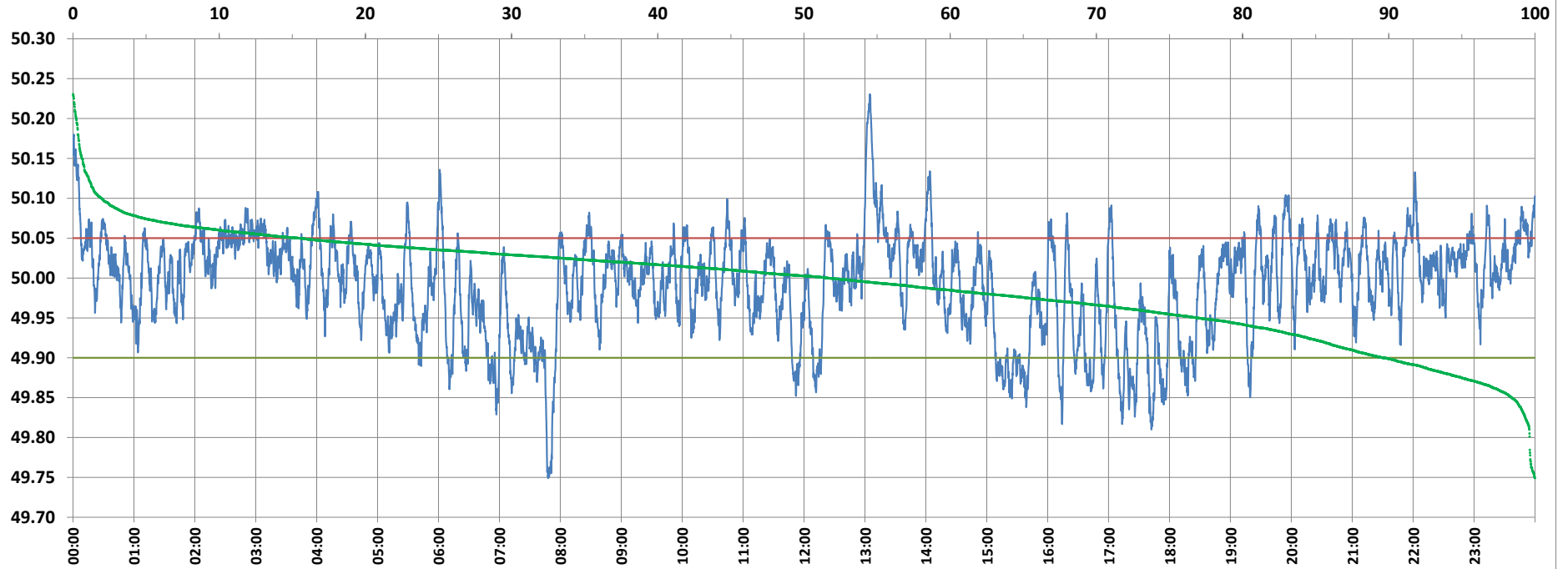


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Dec-2021 (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	10.39	31.94	0.36	10.03	38.00	49.64	1.75	74.16	99.78	38.89	13.48	51.60	29.17	15.45	0.22	23.11	61.44	12.72

Average Frequency : 49.992	Frequency Variation Index : 0.0403	Standard Deviation : 0.0629	Mileage: 47.8	FDI: 25.8
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Instantaneous Frequency	
Max	50.231 13:04:50
Min	49.749 7:47:50

15 minute Average Frequency	
Max	50.139 13:15:00
Min	49.864 8:00:00

No. of excursions	
above 50.03 Hz	177
below 49.97 Hz	130
above 50.00 Hz	155
below 50.00 Hz	154

Average time freq per excursion remains	
below 49.97	0:03:32
above 50.03	0:02:22

No. of hours freq outside 49.9-50.05 Hz	6:12:10
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Source : AGRA 10 Sec. (8640 samples)