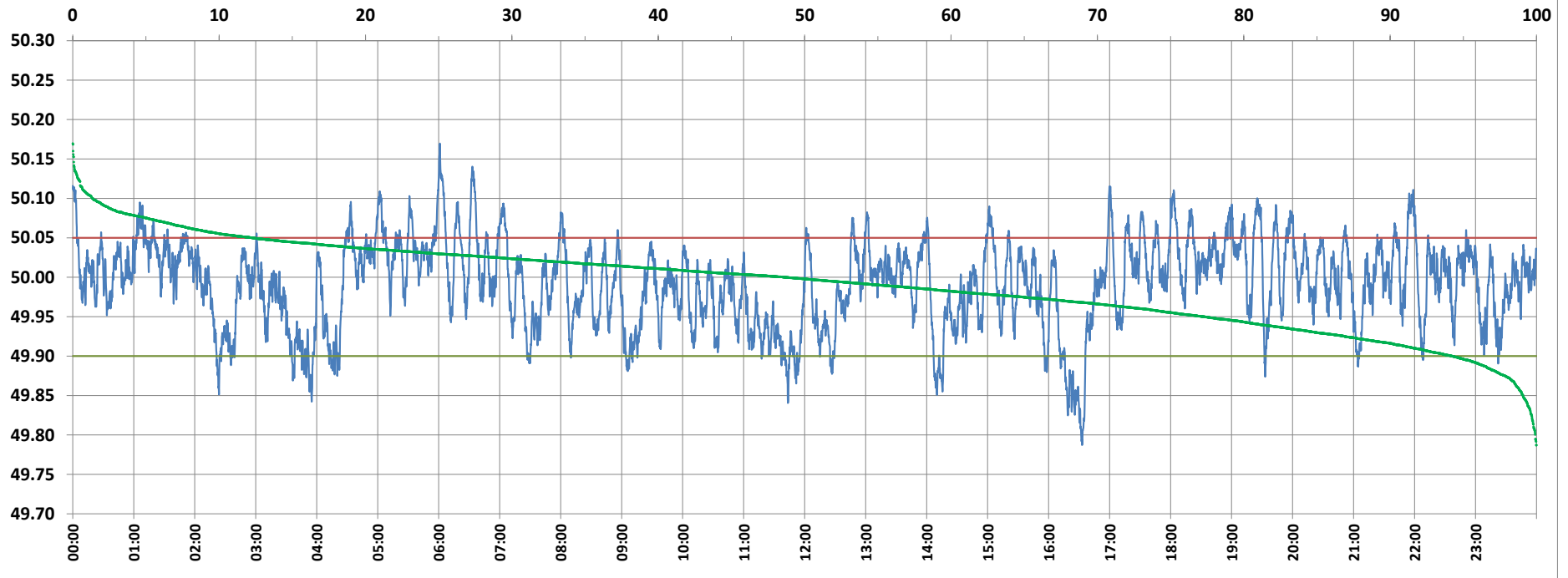


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 05-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	5.74	32.22	0.08	5.66	45.54	47.35	1.37	81.96	100.00	42.91	10.94	48.72	24.87	12.30	0.00	22.70	65.00	16.96

Average Frequency : 49.991	Frequency Variation Index : 0.0308	Standard Deviation : 0.0549	Mileage: 45.4	FDI: 18.0
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Instantaneous Frequency		
Max	50.170	6:01:10
Min	49.787	16:32:50

15 minute Average Frequency		
Max	50.054	1:15:00
Min	49.857	16:30:00

No. of excursions	
above 50.03 Hz	172
below 49.97 Hz	138
above 50.00 Hz	189
below 50.00 Hz	188

Average time freq per excursion remains	
below 49.97	0:03:22
above 50.03	0:02:05

No. of hours freq outside 49.9-50.05 Hz	4:19:50
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Source : AGRA 10 Sec. (8640 samples)