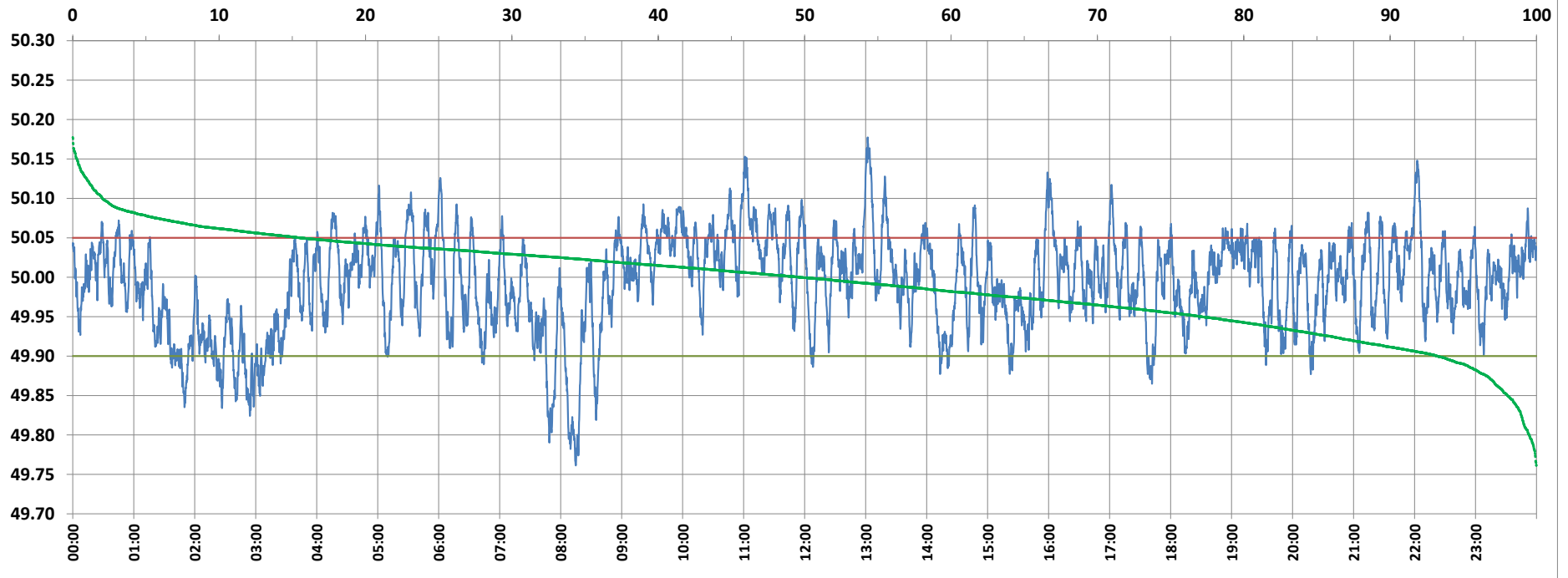


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Dec-2021 (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
0.00	6.75	32.93	0.50	6.25	43.59	47.64	2.03	77.70	100.00	37.60	13.53	49.66	29.47	15.56	0.00	22.85	61.60	16.10

Average Frequency : 49.993	Frequency Variation Index : 0.0371	Standard Deviation : 0.0605	Mileage: 49.2	FDI: 22.3
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Instantaneous Frequency		
Max	50.177	13:02:00
Min	49.761	8:14:50

15 minute Average Frequency		
Max	50.088	11:15:00
Min	49.853	8:15:00

No. of excursions	
above 50.03 Hz	170
below 49.97 Hz	147
above 50.00 Hz	169
below 50.00 Hz	168

Average time freq per excursion remains	
below 49.97	0:03:14
above 50.03	0:02:30

No. of hours freq outside 49.9-50.05 Hz	5:21:10
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Source : AGRA 10 Sec. (8640 samples)