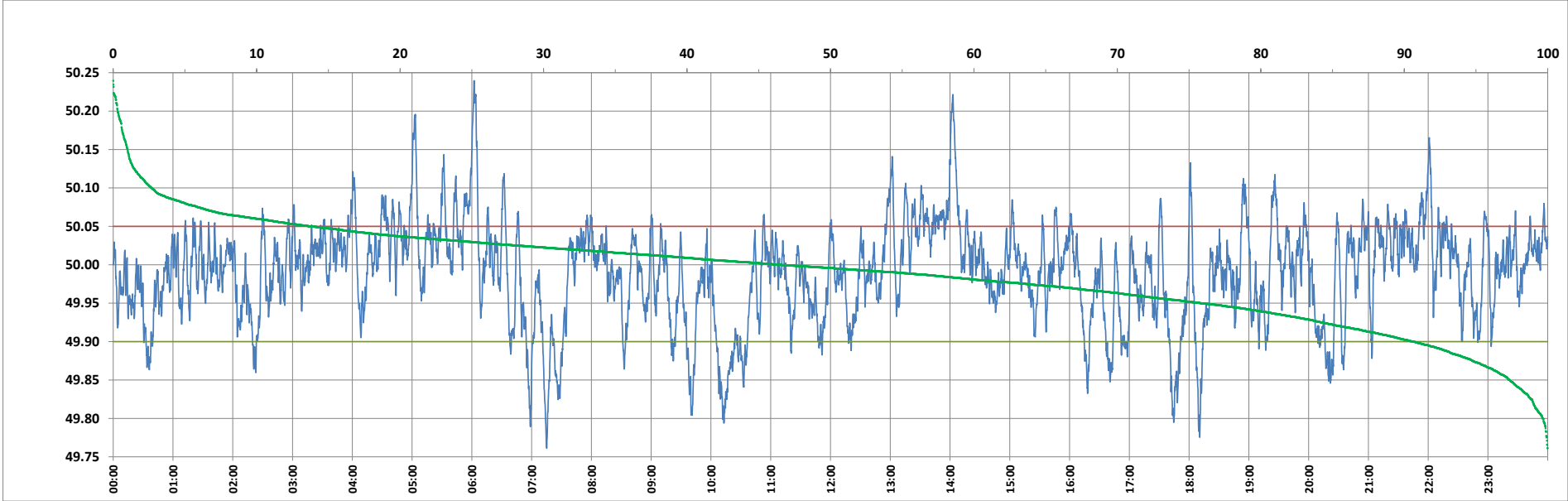


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Jan-2024 (Tuesday)



<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	9.38	33.43	0.34	9.04	44.16	43.81	2.36	76.83	99.70	41.76	11.13	46.46	24.81	13.80	0.30	24.18	62.03	14.80

Average Frequency : 49.989	Frequency Variation Index : 0.0420	Standard Deviation : 0.0639	Mileage: 49.2	FDI: 23.2
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Instantaneous Frequency		
Max	50.240	6:02:10
Min	49.761	7:15:00

15 minute Average Frequency			
Max	50.095	14:15:00	
Min	49.860	7:30:00	

No. of excursions	
above 50.03 Hz	156
below 49.97 Hz	147
above 50.00 Hz	192
below 50.00 Hz	192

Average time freq per excursion remains	
below 49.97	0:03:16
above 50.03	0:02:17

No. of hours freq outside 49.9-50.05 Hz	5:33:40
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Source : BALIPARA 10 Sec. (8640 samples)