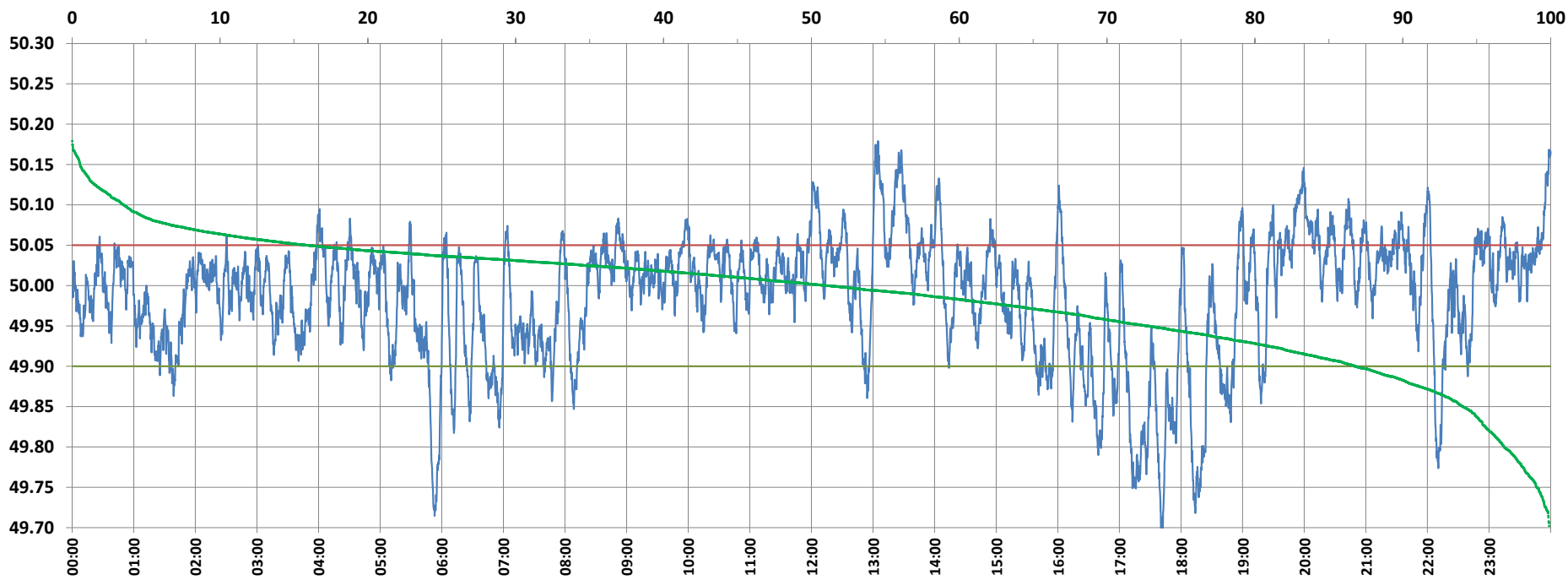


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Dec-2021 (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
0.09	13.23	34.50	3.06	10.08	35.79	47.50	3.48	70.90	99.91	34.75	12.38	50.98	30.75	15.87	0.00	27.33	56.81	14.10

Average Frequency : 49.986	Frequency Variation Index : 0.0608	Standard Deviation : 0.0767	Mileage: 47.9	FDI: 29.1
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Instantaneous Frequency	
Max	50.179 13:04:50
Min	49.684 17:41:50

15 minute Average Frequency	
Max	50.109 13:30:00
Min	49.797 17:30:00

No. of excursions	
above 50.03 Hz	170
below 49.97 Hz	102
above 50.00 Hz	145
below 50.00 Hz	145

Average time freq per excursion remains	
below 49.97	0:04:52
above 50.03	0:02:36

No. of hours freq outside 49.9-50.05 Hz	6:59:00
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Source : AGRA 10 Sec. (8640 samples)