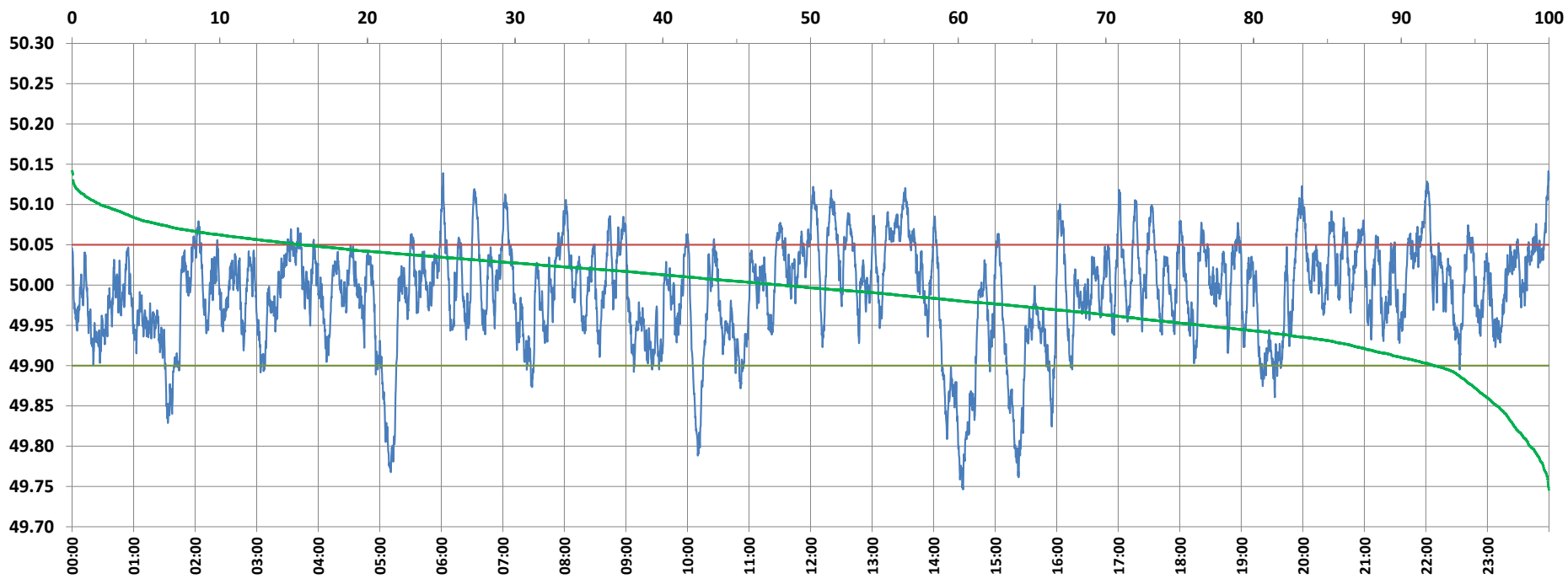


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Jan-2022 (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	7.82	33.82	1.27	6.55	44.20	46.06	1.91	76.56	100.00	38.08	13.70	47.97	28.10	15.61	0.00	23.47	60.91	15.65

Average Frequency : 49.990	Frequency Variation Index : 0.0411	Standard Deviation : 0.0634	Mileage: 46.4	FDI: 23.4
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Instantaneous Frequency		
Max	50.142	23:59:30
Min	49.746	14:28:40

15 minute Average Frequency		
Max	50.071	13:30:00
Min	49.827	14:30:00

No. of excursions	
above 50.03 Hz	162
below 49.97 Hz	134
above 50.00 Hz	175
below 50.00 Hz	174

Average time freq per excursion remains	
below 49.97	0:03:38
above 50.03	0:02:30

No. of hours freq outside 49.9-50.05 Hz	5:37:30
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Source : AGRA 10 Sec. (8640 samples)