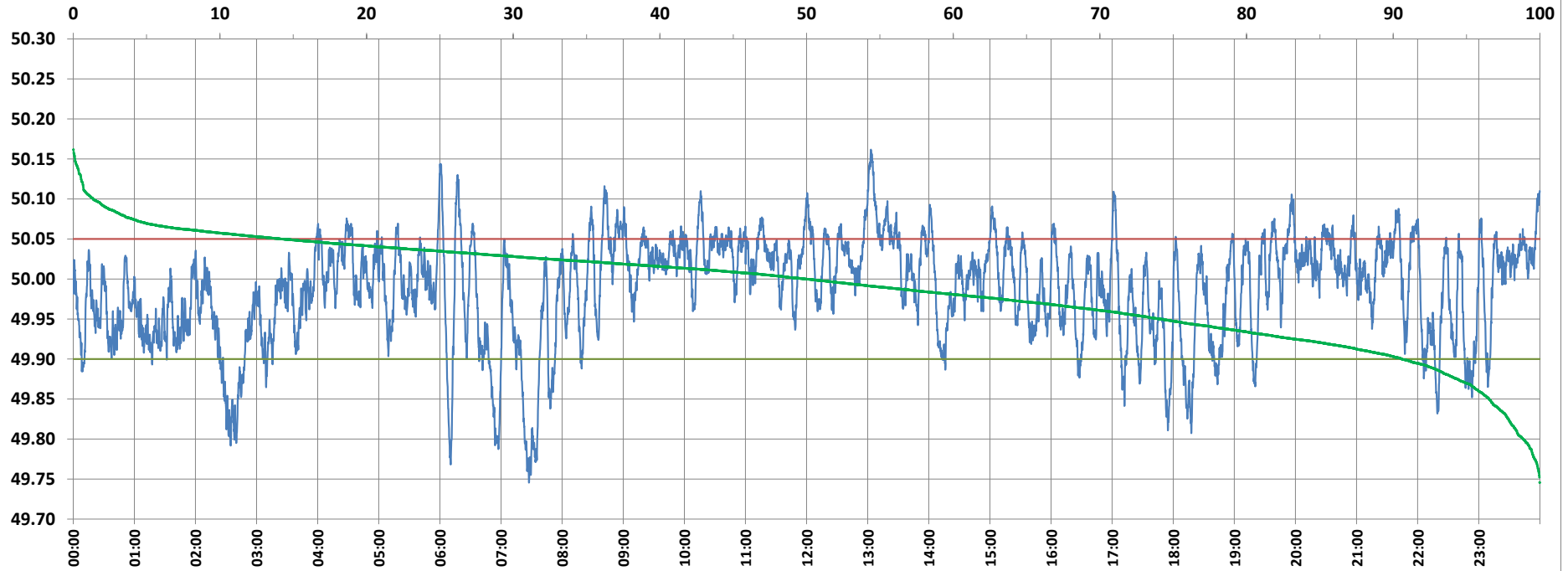


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-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
0.00	9.42	34.22	1.15	8.28	40.66	48.56	1.35	76.38	100.00	37.28	12.86	49.92	28.50	14.20	0.00	25.89	59.91	16.47

Average Frequency : 49.988	Frequency Variation Index : 0.0428	Standard Deviation : 0.0643	Mileage: 46.0	FDI: 23.6
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Instantaneous Frequency	
Max	50.162 13:03:00
Min	49.745 7:27:20

15 minute Average Frequency	
Max	50.096 13:15:00
Min	49.832 2:45:00

No. of excursions	
above 50.03 Hz	160
below 49.97 Hz	123
above 50.00 Hz	132
below 50.00 Hz	132

Average time freq per excursion remains	
below 49.97	0:04:00
above 50.03	0:02:34

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