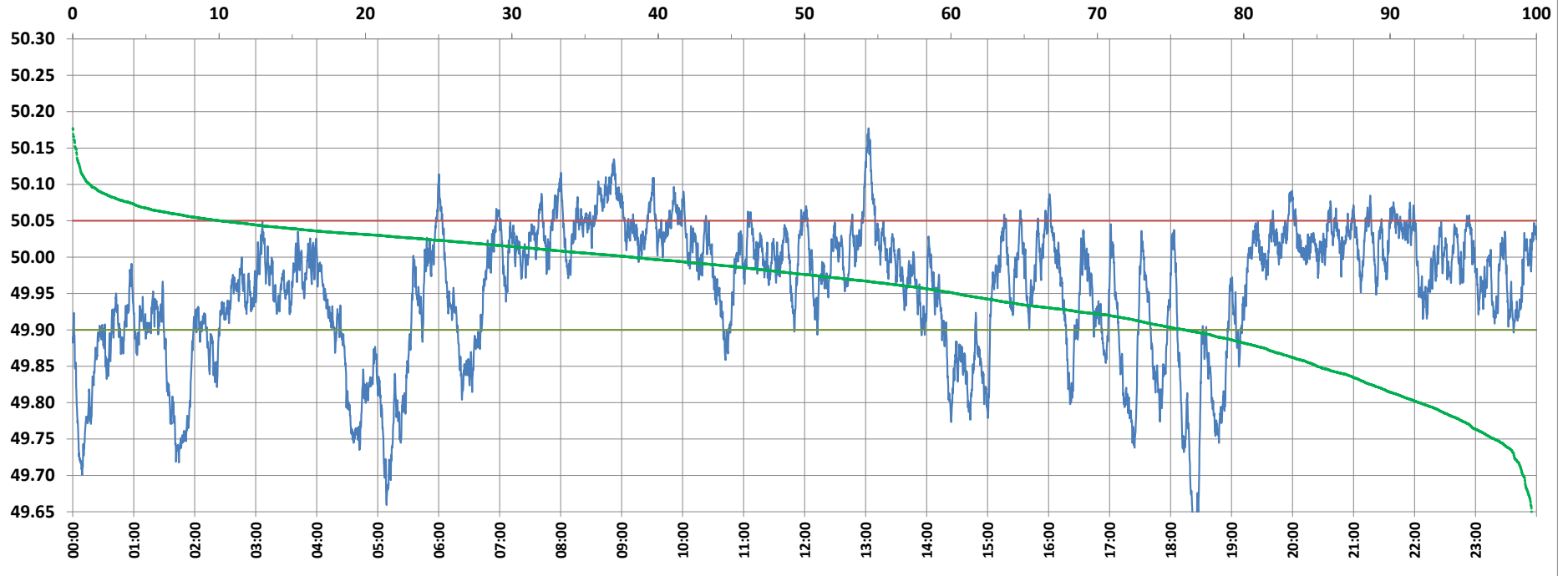


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 13-Oct-2021 (Wednesday)



<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
0.91	24.00	47.19	7.08	16.01	37.75	37.07	1.17	65.89	99.09	31.89	8.94	38.24	20.93	10.10	0.00	39.63	50.27	15.63

Average Frequency : 49.955	Frequency Variation Index : 0.1038	Standard Deviation : 0.0913	Mileage: 46.4	FDI: 34.1
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Instantaneous Frequency		
Max	50.177	13:02:50
Min	49.601	18:23:50

15 minute Average Frequency		
Max	50.097	9:00:00
Min	49.699	18:30:00

No. of excursions	
above 50.03 Hz	143
below 49.97 Hz	100
above 50.00 Hz	150
below 50.00 Hz	150

Average time freq per excursion remains	
below 49.97	0:06:48
above 50.03	0:02:06

No. of hours freq outside 49.9-50.05 Hz	8:11:10
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Source : AGRA 10 Sec. (8640 samples)