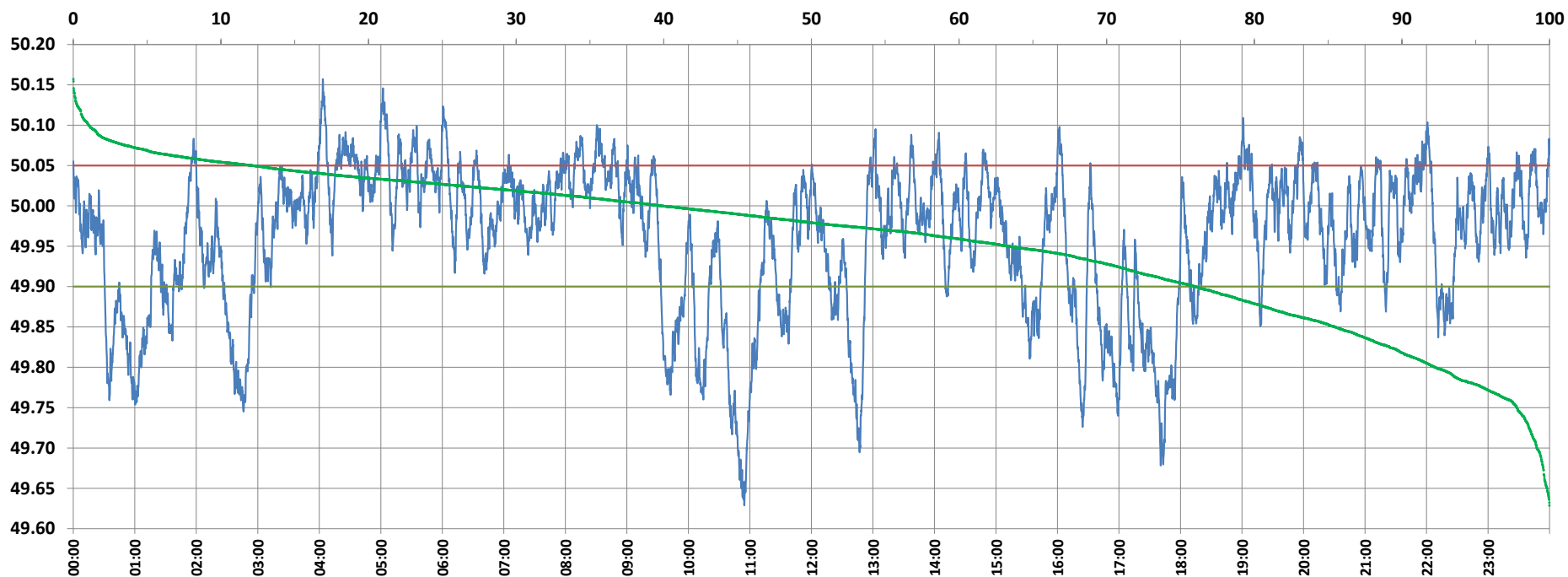


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 17-Nov-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
0.87	24.00	44.91	6.88	16.26	36.09	38.87	1.04	63.87	99.13	32.11	11.10	39.91	22.99	12.13	0.00	36.63	51.24	12.63

Average Frequency : 49.958	Frequency Variation Index : 0.0994	Standard Deviation : 0.0907	Mileage: 48.8	FDI: 36.1
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Instantaneous Frequency	
Max	50.157 4:03:20
Min	49.629 10:54:30

15 minute Average Frequency	
Max	50.064 4:30:00
Min	49.692 11:00:00

No. of excursions	
above 50.03 Hz	152
below 49.97 Hz	128
above 50.00 Hz	132
below 50.00 Hz	131

Average time freq per excursion remains	
below 49.97	0:05:03
above 50.03	0:02:11

No. of hours freq outside 49.9-50.05 Hz	8:40:20
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Source : AGRA 10 Sec. (8640 samples)