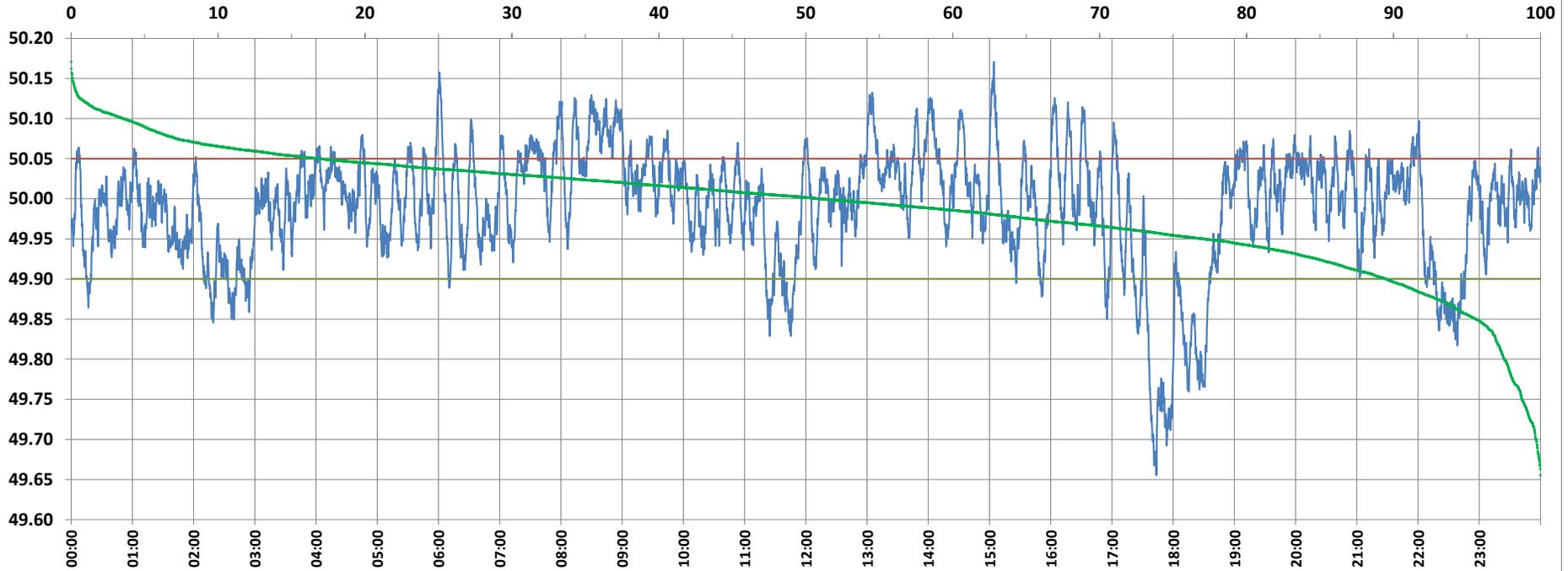


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Nov-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
0.30	10.50	32.13	2.15	8.04	38.65	47.31	3.54	72.73	99.70	37.73	13.23	50.86	30.14	16.77	0.00	22.91	60.32	12.41

Average Frequency : 49.990	Frequency Variation Index : 0.0534	Standard Deviation : 0.0724	Mileage: 49.0	FDI: 27.3
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Instantaneous Frequency		
Max	50.171	15:04:20
Min	49.655	17:43:30

15 minute Average Frequency		
Max	50.096	8:45:00
Min	49.739	18:00:00

No. of excursions	
above 50.03 Hz	178
below 49.97 Hz	130
above 50.00 Hz	170
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:03:34
above 50.03	0:02:26

No. of hours freq outside 49.9-50.05 Hz	6:32:40
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Source : AGRA 10 Sec. (8640 samples)