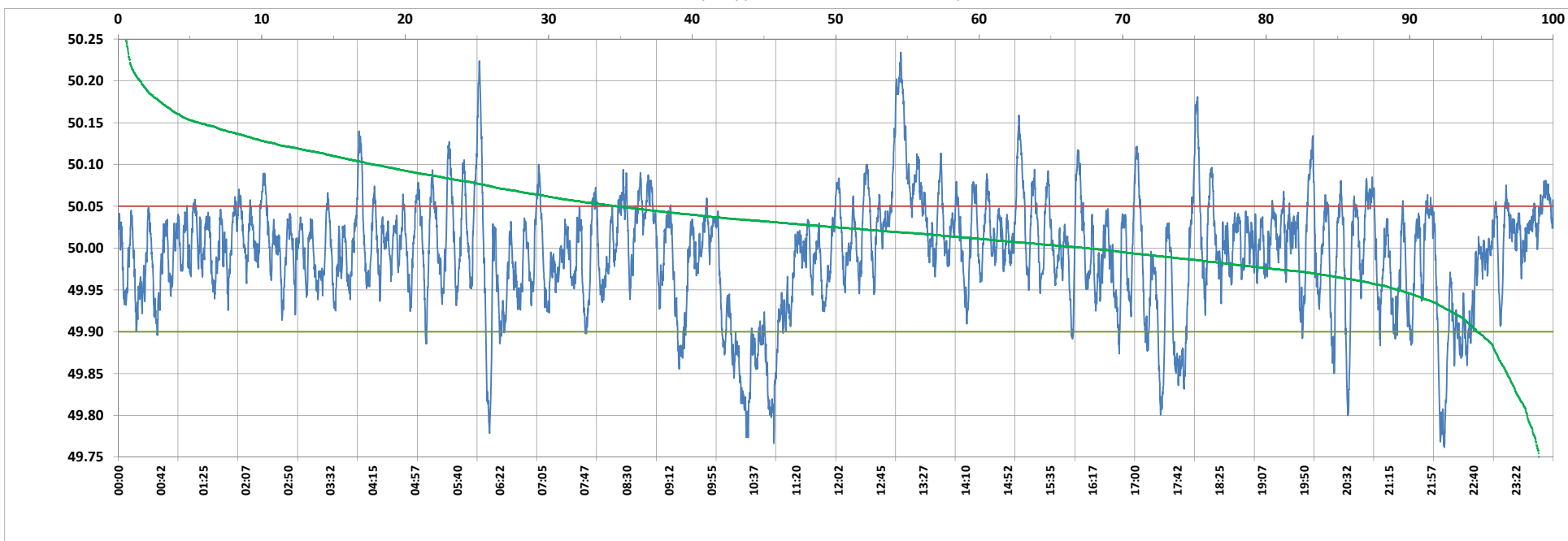


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Nov-2022 (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
0.00	8.61	31.05	0.66	7.95	41.26	46.79	3.06	75.72	99.72	40.54	12.34	50.13	28.40	15.67	0.28	21.13	63.19	12.52

Average Frequency : 49.994	Frequency Variation Index : 0.0429	Standard Deviation : 0.0653	Mileage: 48.4	FDI: 24.3
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Instantaneous Frequency	
Max	50.234 13:05:20
Min	49.762 22:10:50

15 minute Average Frequency	
Max	50.156 13:15:00
Min	49.847 11:00:00

No. of excursions	
above 50.03 Hz	192
below 49.97 Hz	144
above 50.00 Hz	177
below 50.00 Hz	176

Average time freq per excursion remains	
below 49.97	0:03:06
above 50.03	0:02:08

No. of hours freq outside 49.9-50.05 Hz	5:49:40
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Source : BONGAIGAN 10 Sec. (8640 samples)