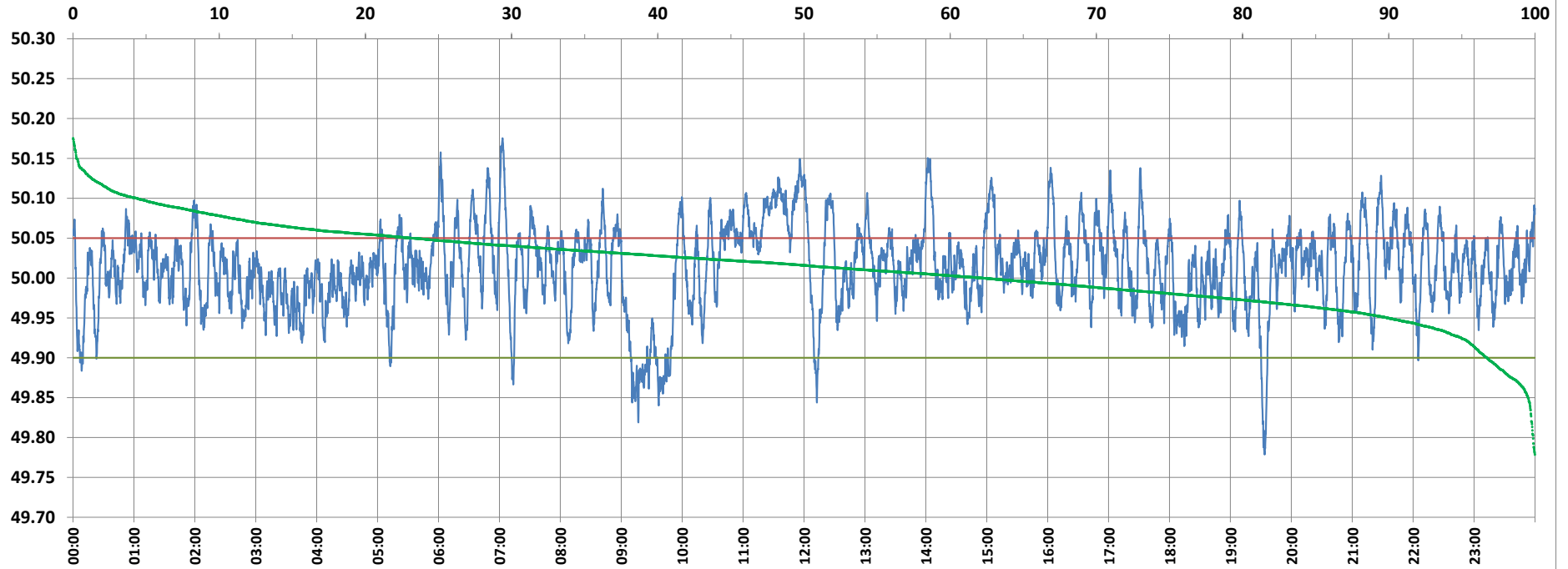


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Jan-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	3.31	18.53	0.13	3.18	34.53	57.80	4.36	73.50	100.00	43.16	18.83	62.16	38.31	23.19	0.00	10.10	66.70	6.79

Average Frequency : 50.013	Frequency Variation Index : 0.0297	Standard Deviation : 0.0530	Mileage: 48.6	FDI: 26.5
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Instantaneous Frequency		
Max	50.175	7:03:00
Min	49.779	19:33:40

15 minute Average Frequency		
Max	50.100	12:00:00
Min	49.882	9:30:00

No. of excursions	
above 50.03 Hz	203
below 49.97 Hz	136
above 50.00 Hz	188
below 50.00 Hz	187

Average time freq per excursion remains	
below 49.97	0:01:58
above 50.03	0:02:43

No. of hours freq outside 49.9-50.05 Hz	6:21:40
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Source : AGRA 10 Sec. (8640 samples)