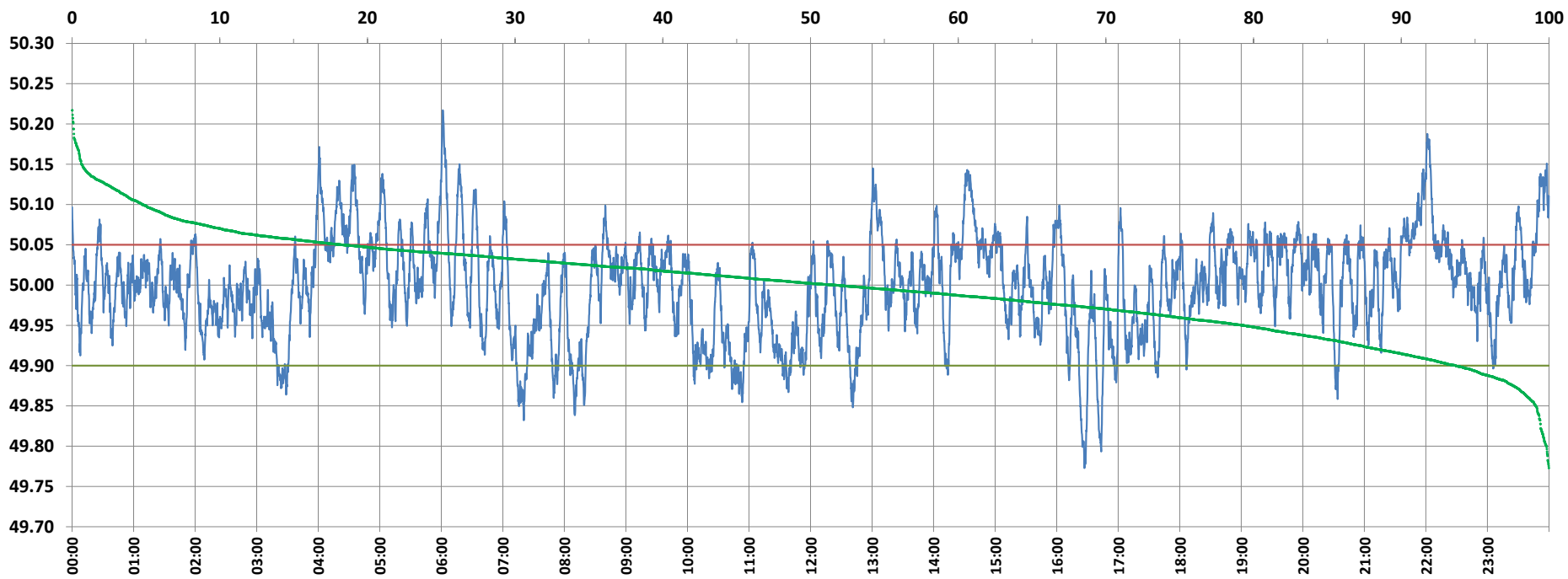


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Dec-2021 (Thursday)



<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	6.31	29.87	0.17	6.13	42.08	46.86	4.65	75.45	99.91	38.47	13.50	51.61	31.66	18.24	0.09	20.72	61.04	14.41

Average Frequency : 49.999	Frequency Variation Index : 0.0381	Standard Deviation : 0.0617	Mileage: 48.7	FDI: 24.5
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Instantaneous Frequency	
Max	50.217 6:01:20
Min	49.773 16:27:00

15 minute Average Frequency	
Max	50.102 0:00:00
Min	49.883 16:30:00

No. of excursions	
above 50.03 Hz	164
below 49.97 Hz	140
above 50.00 Hz	179
below 50.00 Hz	178

Average time freq per excursion remains	
below 49.97	0:03:04
above 50.03	0:02:47

No. of hours freq outside 49.9-50.05 Hz	5:53:30
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Source : AGRA 10 Sec. (8640 samples)