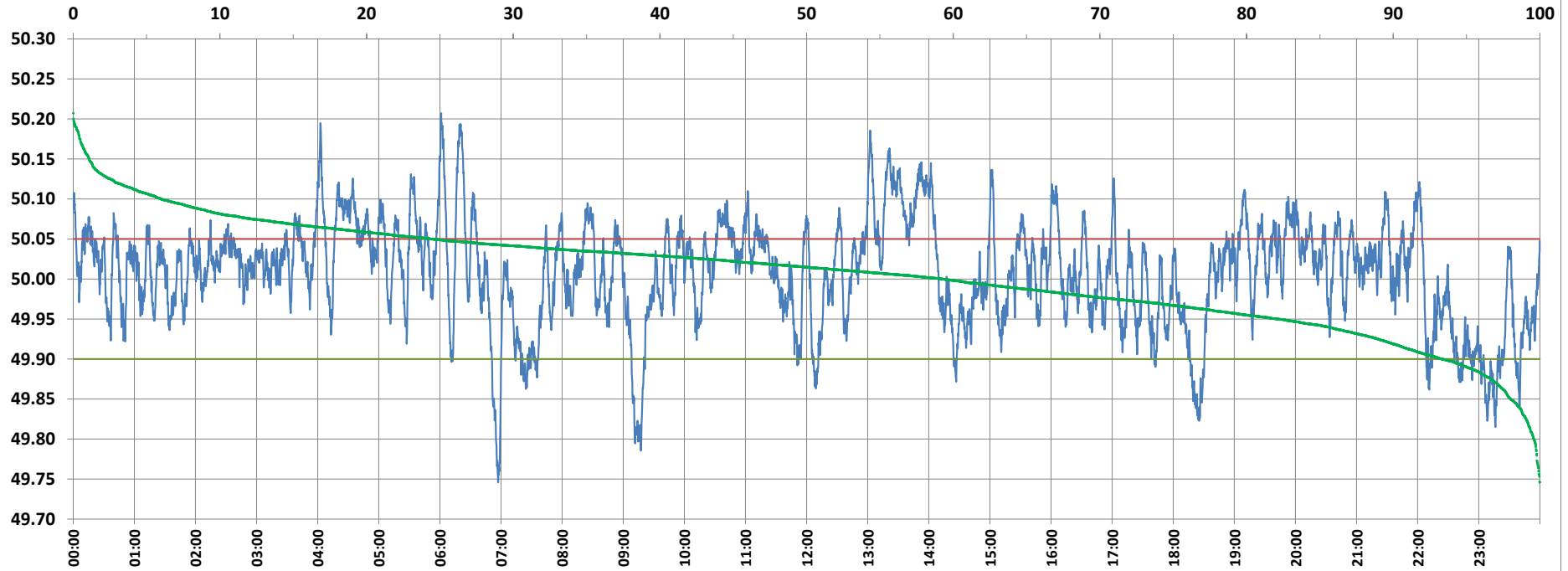


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Dec-2021 (Friday)



<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	6.67	26.30	0.43	6.24	34.06	53.31	5.94	68.95	99.98	34.56	18.43	59.27	39.14	24.39	0.02	17.86	57.75	11.19

Average Frequency : 50.007	Frequency Variation Index : 0.0435	Standard Deviation : 0.0656	Mileage: 47.4	FDI: 31.1
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Instantaneous Frequency		
Max	50.207	6:01:10
Min	49.746	6:57:10

15 minute Average Frequency		
Max	50.122	13:30:00
Min	49.863	18:30:00

No. of excursions	
above 50.03 Hz	181
below 49.97 Hz	115
above 50.00 Hz	130
below 50.00 Hz	129

Average time freq per excursion remains	
below 49.97	0:03:18
above 50.03	0:03:07

No. of hours freq outside 49.9-50.05 Hz	7:27:10
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Source : AGRA 10 Sec. (8640 samples)