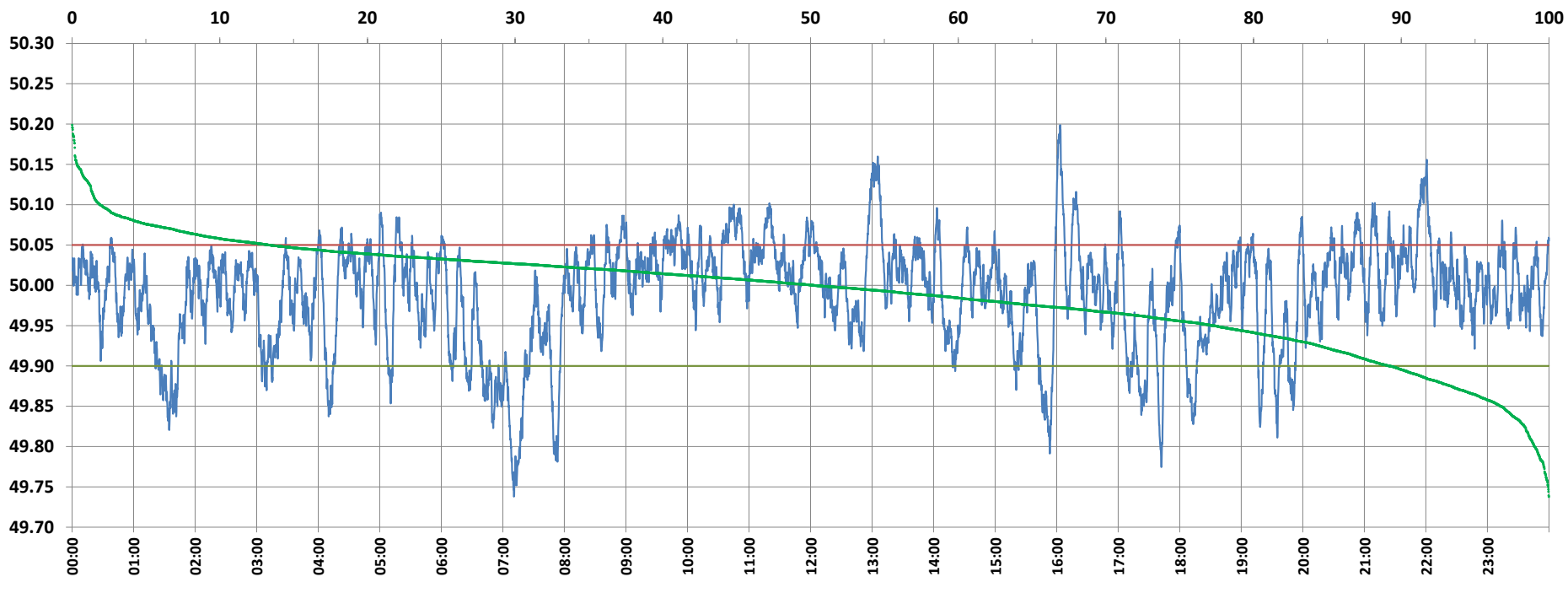


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-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	10.82	31.71	0.98	9.84	38.97	48.32	1.89	75.88	100.00	41.20	11.41	50.20	27.08	13.30	0.00	22.78	63.92	11.96

Average Frequency : 49.989	Frequency Variation Index : 0.0431	Standard Deviation : 0.0649	Mileage: 50.2	FDI: 24.1
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Instantaneous Frequency	
Max	50.199 16:03:20
Min	49.738 7:10:50

15 minute Average Frequency	
Max	50.085 13:15:00
Min	49.820 7:15:00

No. of excursions	
above 50.03 Hz	199
below 49.97 Hz	151
above 50.00 Hz	185
below 50.00 Hz	185

Average time freq per excursion remains	
below 49.97	0:03:01
above 50.03	0:01:58

No. of hours freq outside 49.9-50.05 Hz	5:47:20
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Source : AGRA 10 Sec. (8640 samples)