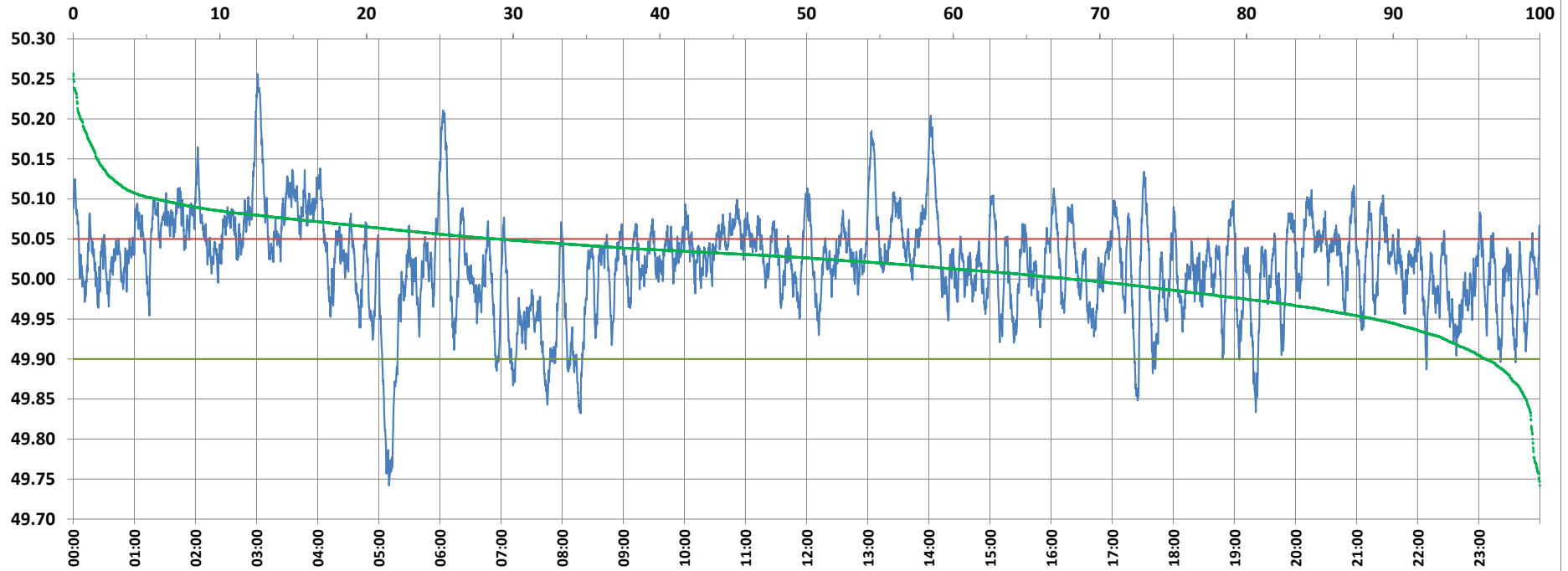


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Dec-2021 (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	3.69	17.87	0.49	3.21	28.40	62.22	5.16	67.36	99.48	35.64	23.26	67.91	46.49	28.95	0.52	11.27	59.78	7.58

Average Frequency : 50.020	Frequency Variation Index : 0.0405	Standard Deviation : 0.0606	Mileage: 45.4	FDI: 32.6
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Instantaneous Frequency		
Max	50.256	3:01:00
Min	49.742	5:10:00

15 minute Average Frequency		
Max	50.129	3:15:00
Min	49.832	5:15:00

No. of excursions	
above 50.03 Hz	204
below 49.97 Hz	89
above 50.00 Hz	154
below 50.00 Hz	153

Average time freq per excursion remains	
below 49.97	0:02:53
above 50.03	0:03:17

No. of hours freq outside 49.9-50.05 Hz	7:50:00
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Source : AGRA 10 Sec. (8640 samples)