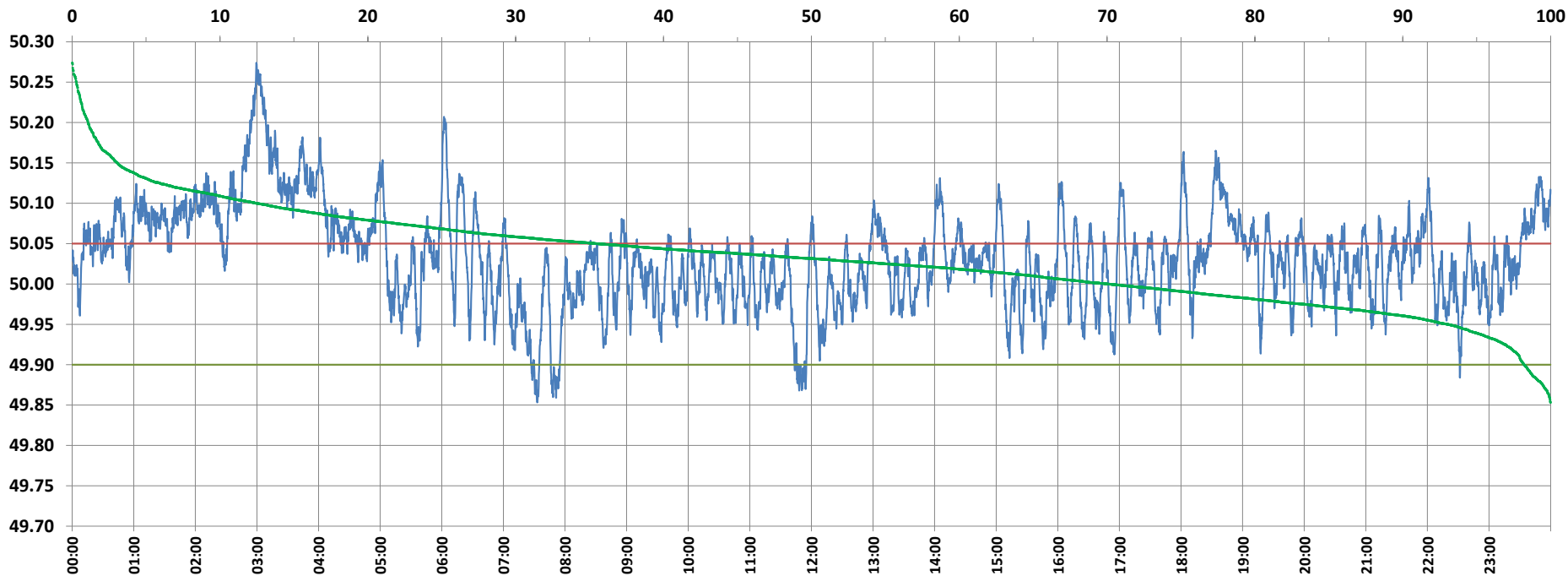


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Dec-2021 (Sunday)



<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	1.81	14.21	0.00	1.81	28.16	57.58	11.38	62.73	98.92	34.53	23.01	70.03	51.26	35.46	1.08	6.96	57.58	5.15

Average Frequency : 50.032	Frequency Variation Index : 0.0470	Standard Deviation : 0.0606	Mileage: 45.8	FDI: 37.3
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Instantaneous Frequency		
Max	50.274	2:59:20
Min	49.853	7:32:50

15 minute Average Frequency		
Max	50.208	3:15:00
Min	49.911	8:00:00

No. of excursions	
above 50.03 Hz	194
below 49.97 Hz	118
above 50.00 Hz	138
below 50.00 Hz	137

Average time freq per excursion remains	
below 49.97	0:01:44
above 50.03	0:03:48

No. of hours freq outside 49.9-50.05 Hz	8:56:40
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Source : AGRA 10 Sec. (8640 samples)