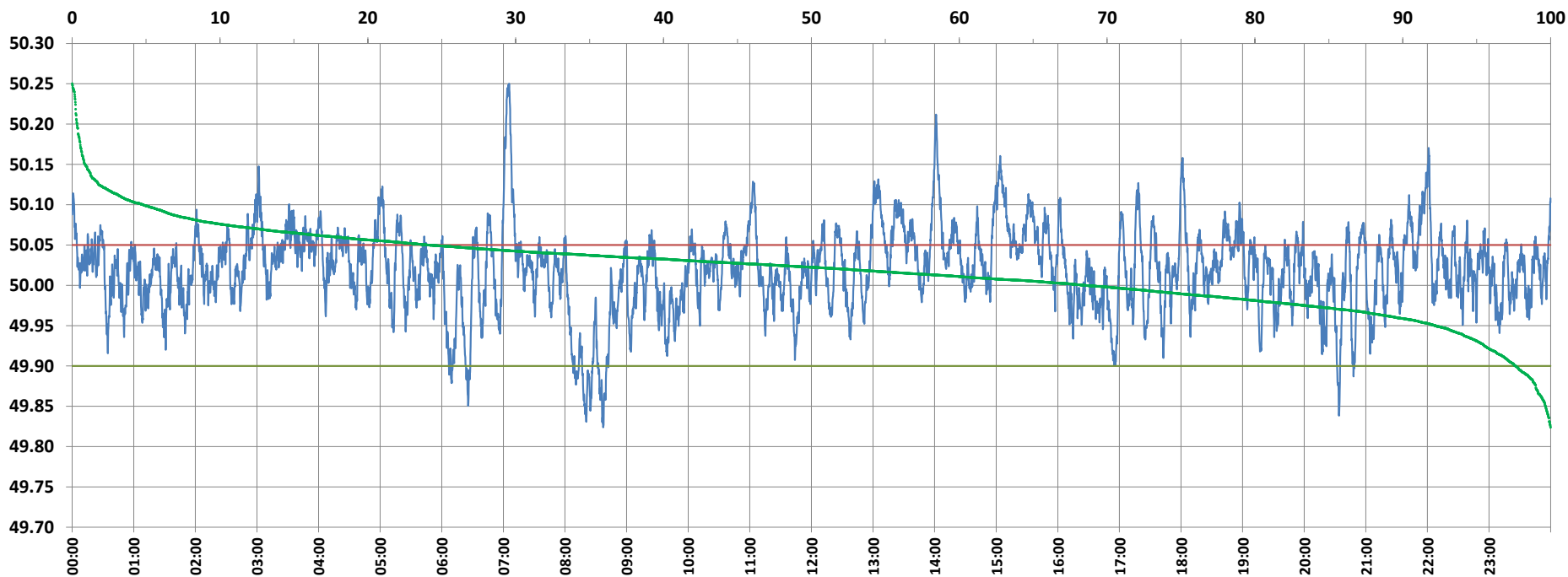


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Jan-2022 (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	2.38	14.12	0.00	2.38	29.13	63.70	4.44	73.54	99.66	43.60	19.29	68.48	42.28	24.07	0.34	7.79	68.14	5.41

Average Frequency : 50.019	Frequency Variation Index : 0.0299	Standard Deviation : 0.0513	Mileage: 48.2	FDI: 26.5
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Instantaneous Frequency		
Max	50.250	7:05:30
Min	49.824	8:37:10

15 minute Average Frequency		
Max	50.137	7:15:00
Min	49.888	8:30:00

No. of excursions	
above 50.03 Hz	239
below 49.97 Hz	110
above 50.00 Hz	183
below 50.00 Hz	182

Average time freq per excursion remains	
below 49.97	0:01:51
above 50.03	0:02:33

No. of hours freq outside 49.9-50.05 Hz	6:21:00
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Source : BARH 10 Sec. (8640 samples)