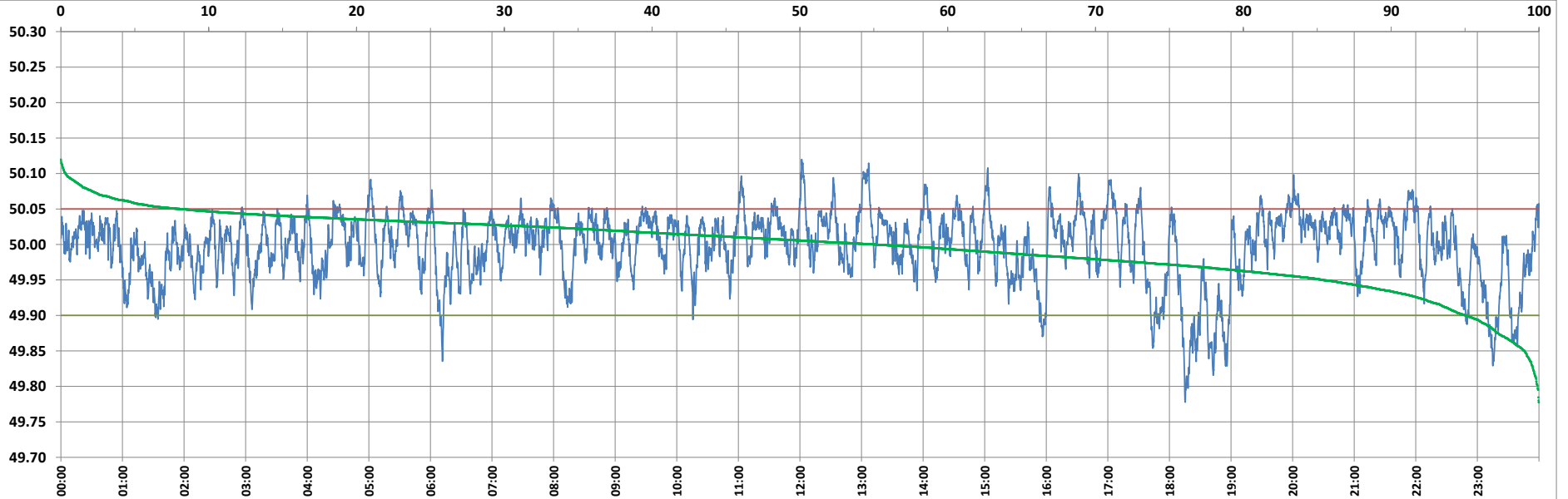


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Sep-2022 (Thursday)



<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	4.98	23.95	0.09	4.88	39.91	54.79	0.32	86.86	100.00	49.43	7.84	55.12	26.62	8.16	0.00	14.59	77.25	9.62

Average Frequency : 49.997	Frequency Variation Index : 0.0235	Standard Deviation : 0.0484	Mileage: 44.3	FDI: 13.1
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Instantaneous Frequency		
Max	50.120	12:01:40
Min	49.778	18:15:20

15 minute Average Frequency		
Max	50.054	13:15:00
Min	49.851	18:30:00

No. of excursions	
above 50.03 Hz	239
below 49.97 Hz	129
above 50.00 Hz	201
below 50.00 Hz	200

Average time freq per excursion remains	
below 49.97	0:02:40
above 50.03	0:01:36

No. of hours freq outside 49.9-50.05 Hz	3:09:10
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Source : BARH 10 Sec. (8640 samples)