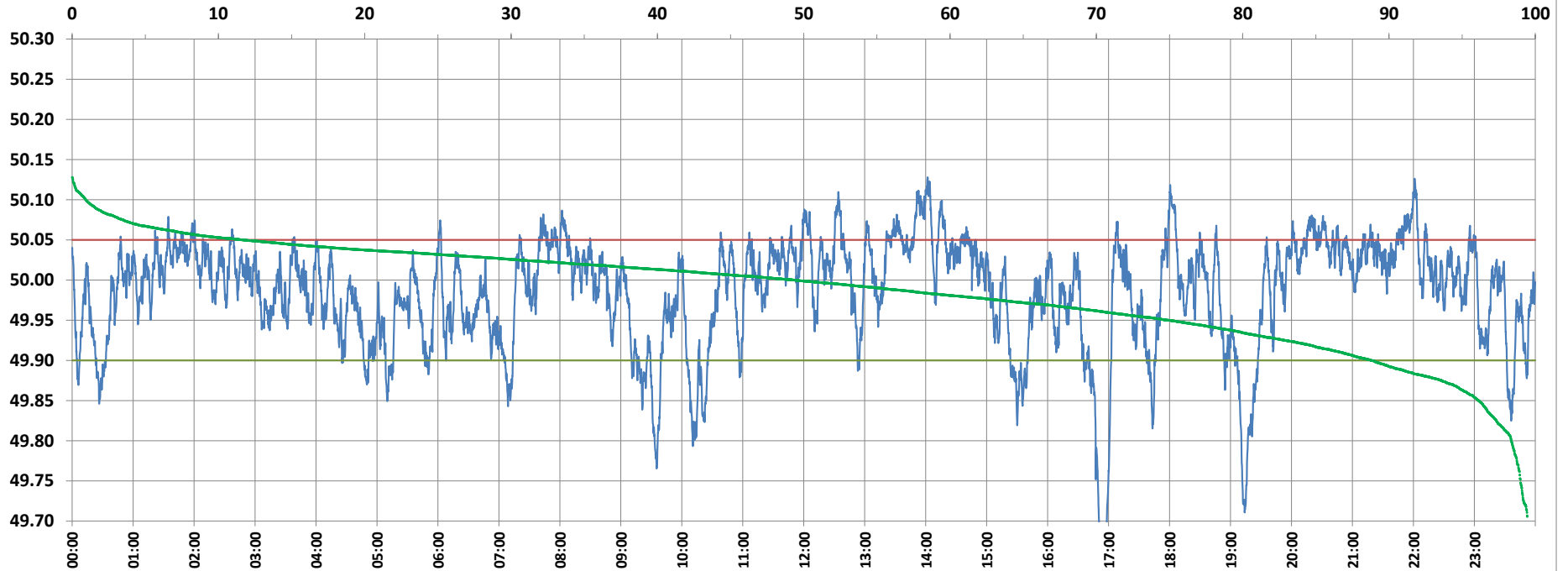


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 02-Sep-2021 (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
0.54	11.18	33.87	1.10	9.54	39.42	48.47	0.93	77.09	99.46	39.50	10.80	49.40	26.63	11.72	0.00	25.02	63.25	13.84

Average Frequency : 49.984	Frequency Variation Index : 0.0489	Standard Deviation : 0.0681	Mileage: 43.4	FDI: 22.9
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Instantaneous Frequency		
Max	50.128	14:01:50
Min	49.629	16:53:50

15 minute Average Frequency		
Max	50.080	14:00:00
Min	49.721	17:00:00

No. of excursions	
above 50.03 Hz	175
below 49.97 Hz	112
above 50.00 Hz	150
below 50.00 Hz	149

Average time freq per excursion remains	
below 49.97	0:04:21
above 50.03	0:02:11

No. of hours freq outside 49.9-50.05 Hz	5:29:50
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Source : BARH 10 Sec. (8640 samples)