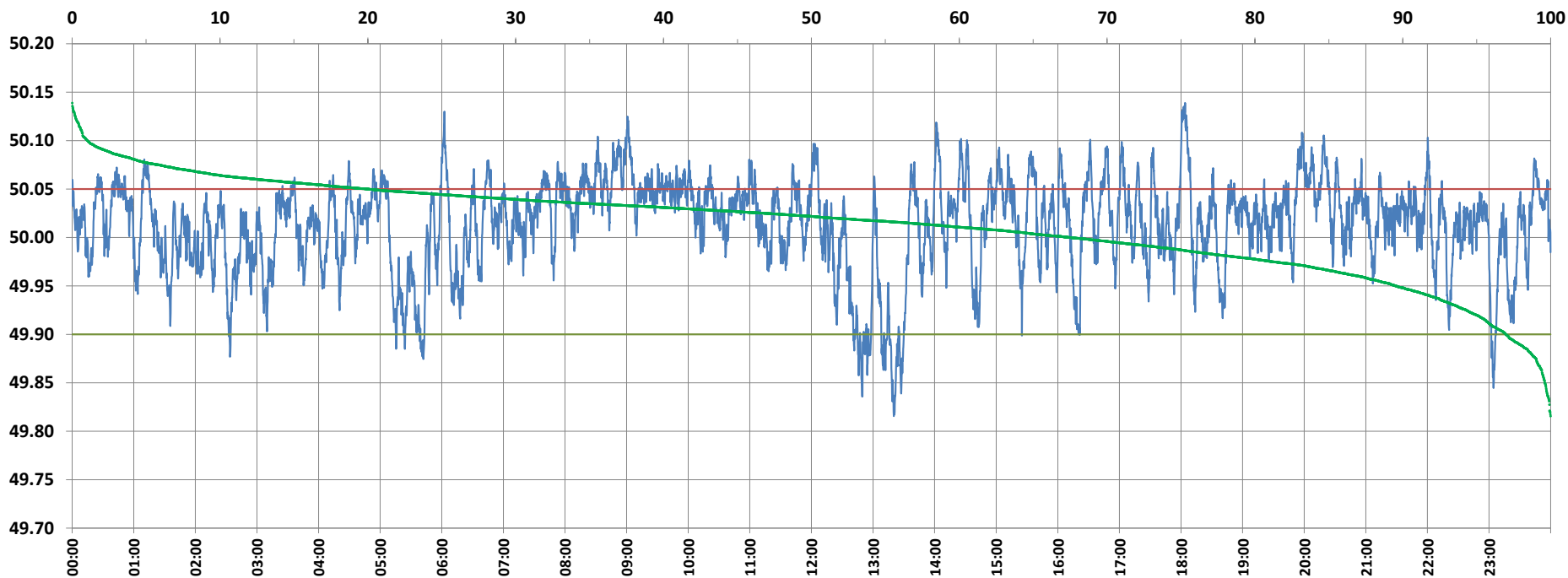


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Sep-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	3.03	16.38	0.00	3.03	29.44	66.49	1.03	76.93	100.00	42.42	19.00	67.52	41.20	20.03	0.00	10.46	69.50	7.43

Average Frequency : 50.013	Frequency Variation Index : 0.0242	Standard Deviation : 0.0475	Mileage: 47.9	FDI: 23.1
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Instantaneous Frequency		
Max	50.139	18:03:50
Min	49.816	13:20:10

15 minute Average Frequency		
Max	50.078	9:00:00
Min	49.870	13:30:00

No. of excursions	
above 50.03 Hz	263
below 49.97 Hz	91
above 50.00 Hz	177
below 50.00 Hz	176

Average time freq per excursion remains	
below 49.97	0:02:35
above 50.03	0:02:15

No. of hours freq outside 49.9-50.05 Hz	5:32:10
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Source : AGRA 10 Sec. (8640 samples)