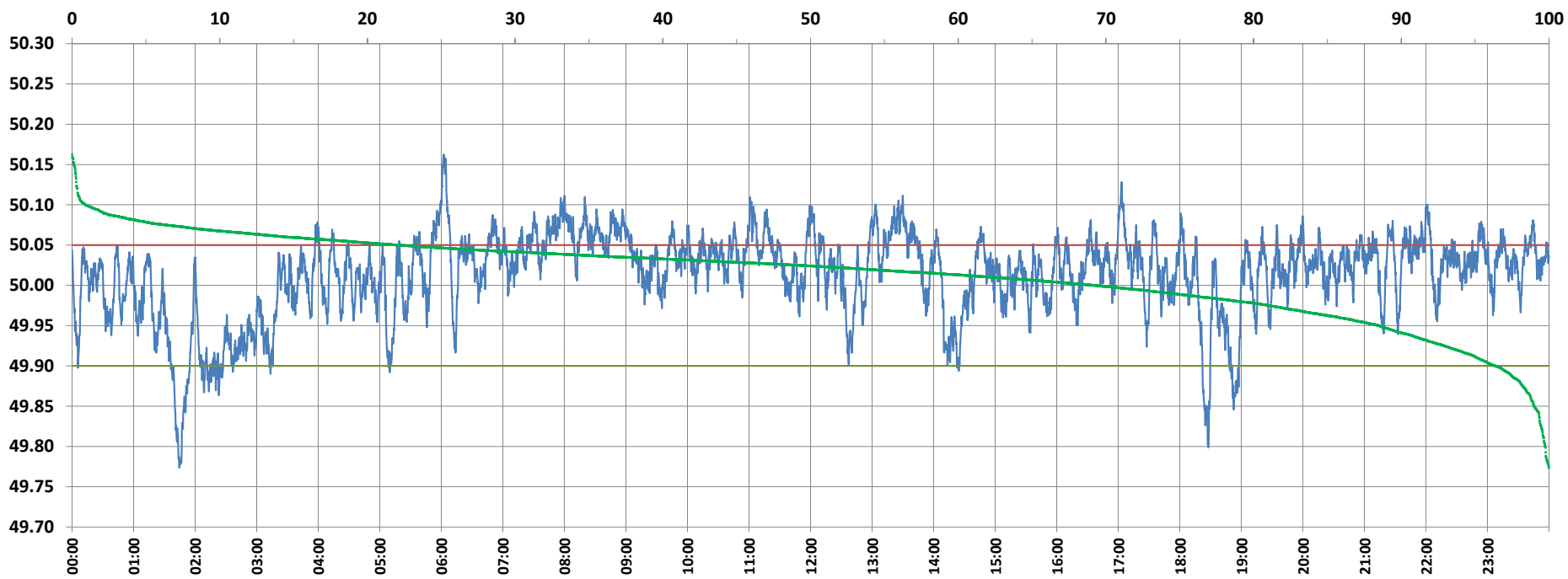


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 02-Oct-2021 (Saturday)



<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	3.62	17.41	0.25	3.37	27.16	68.32	0.89	74.29	100.00	39.17	21.19	69.21	43.43	22.08	0.00	11.53	66.39	7.91

Average Frequency : 50.013	Frequency Variation Index : 0.0282	Standard Deviation : 0.0515	Mileage: 44.0	FDI: 25.7
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Instantaneous Frequency		
Max	50.162	6:02:20
Min	49.774	1:44:30

15 minute Average Frequency		
Max	50.078	8:00:00
Min	49.884	1:45:00

No. of excursions	
above 50.03 Hz	244
below 49.97 Hz	77
above 50.00 Hz	145
below 50.00 Hz	144

Average time freq per excursion remains	
below 49.97	0:03:15
above 50.03	0:02:34

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