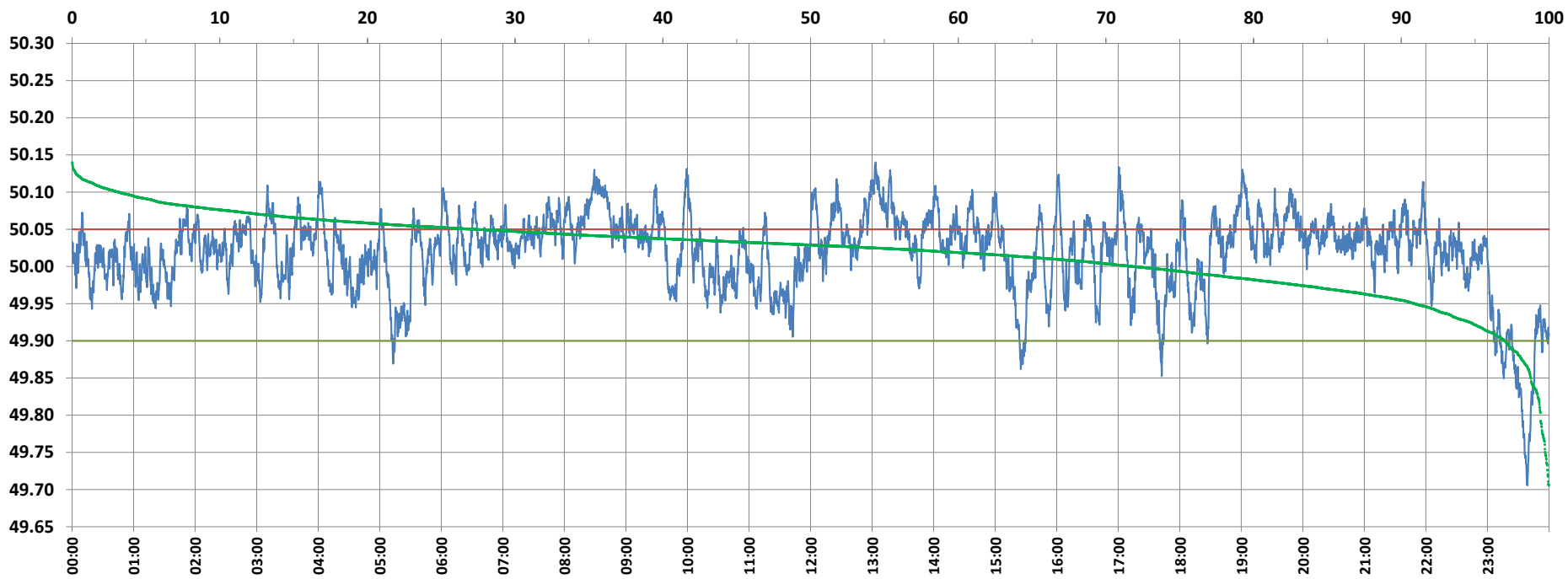


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Oct-2021 (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	3.00	15.09	0.57	2.43	25.20	68.65	3.16	69.78	100.00	36.19	24.06	71.81	48.72	27.22	0.00	9.11	63.67	6.11

Average Frequency : 50.019	Frequency Variation Index : 0.0323	Standard Deviation : 0.0535	Mileage: 44.6	FDI: 30.2
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Instantaneous Frequency		
Max	50.140	13:03:20
Min	49.706	23:38:50

15 minute Average Frequency		
Max	50.098	8:45:00
Min	49.787	23:45:00

No. of excursions	
above 50.03 Hz	252
below 49.97 Hz	83
above 50.00 Hz	125
below 50.00 Hz	124

Average time freq per excursion remains	
below 49.97	0:02:37
above 50.03	0:02:47

No. of hours freq outside 49.9-50.05 Hz	7:15:10
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Source : AGRA 10 Sec. (8640 samples)