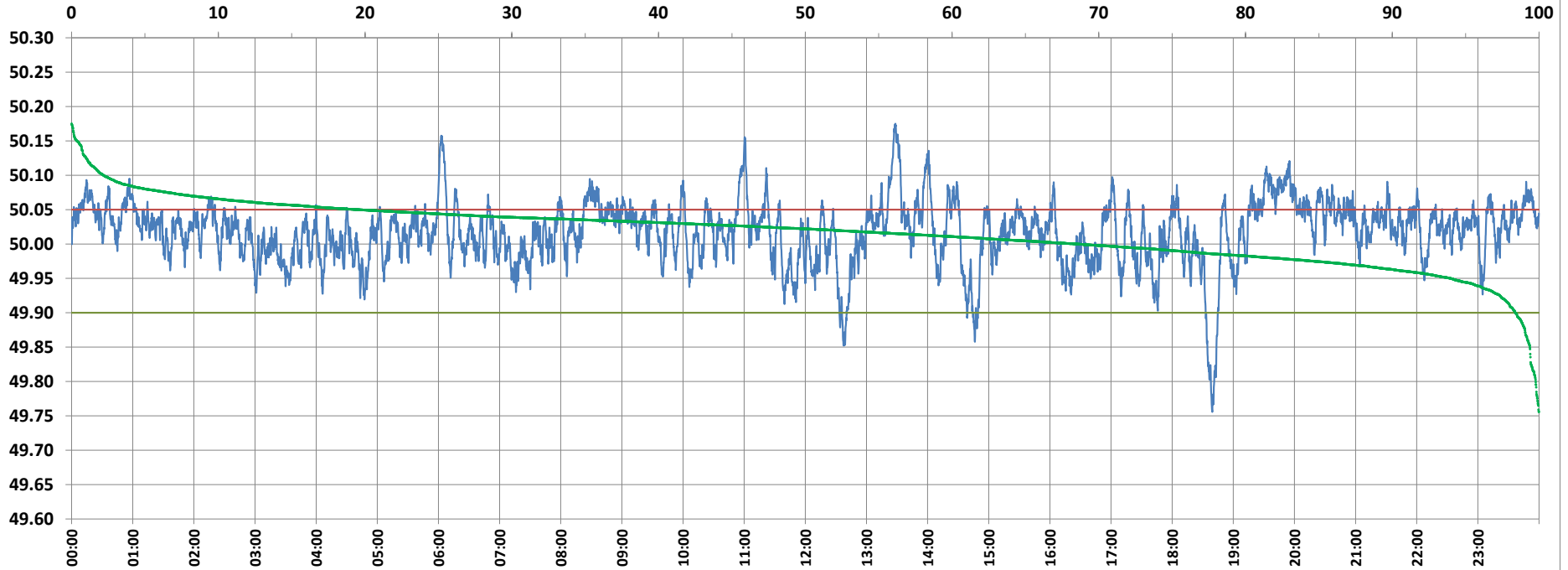


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-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	1.62	12.79	0.23	1.39	29.79	66.39	2.20	78.78	100.00	45.61	17.40	68.59	41.60	19.59	0.00	6.01	74.40	4.39

Average Frequency : 50.017	Frequency Variation Index : 0.0233	Standard Deviation : 0.0454	Mileage: 44.9	FDI: 21.2
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Instantaneous Frequency		
Max	50.175	13:28:20
Min	49.756	18:39:20

15 minute Average Frequency		
Max	50.090	20:00:00
Min	49.848	18:45:00

No. of excursions	
above 50.03 Hz	249
below 49.97 Hz	107
above 50.00 Hz	184
below 50.00 Hz	183

Average time freq per excursion remains	
below 49.97	0:01:43
above 50.03	0:02:24

No. of hours freq outside 49.9-50.05 Hz	5:05:30
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Source : AGRA 10 Sec. (8640 samples)