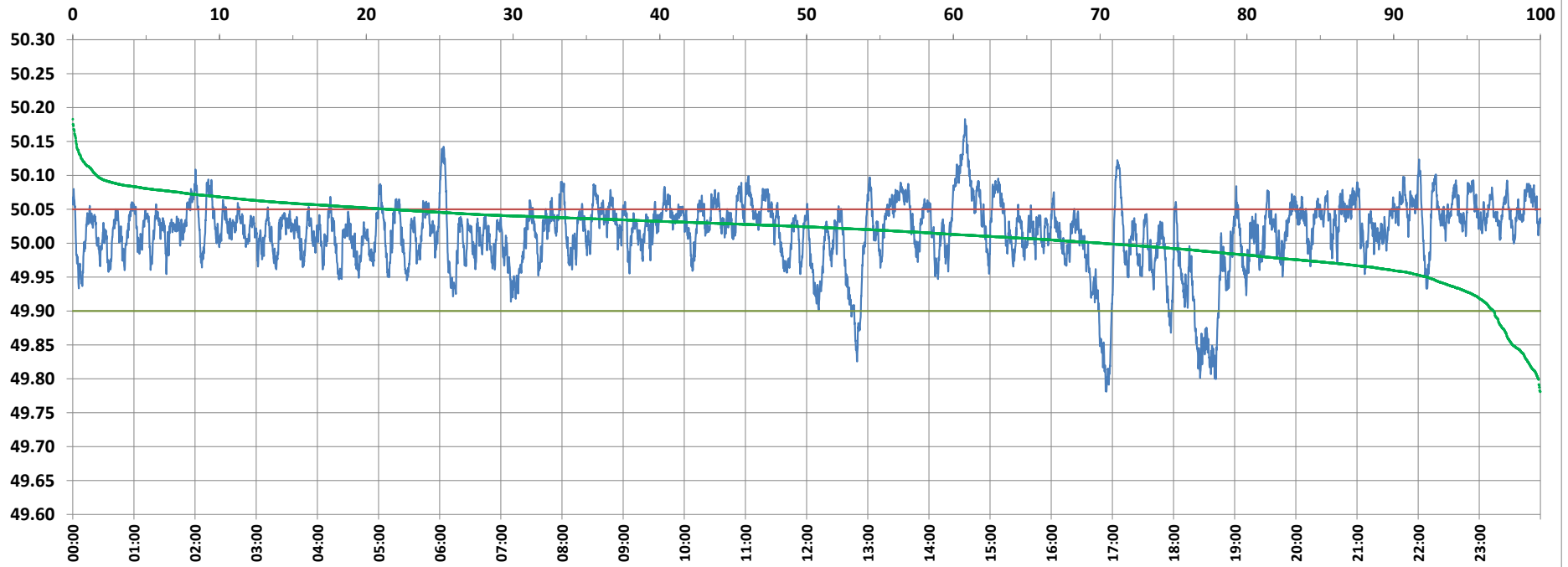


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Sep-2021 (Monday)



<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	3.19	13.77	0.14	3.06	26.67	68.52	1.62	75.34	100.00	43.14	19.85	70.14	43.09	21.47	0.00	7.70	70.83	4.50

Average Frequency : 50.016	Frequency Variation Index : 0.0277	Standard Deviation : 0.0503	Mileage: 43.3	FDI: 24.7
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Instantaneous Frequency		
Max	50.183	14:35:20
Min	49.781	16:54:00

15 minute Average Frequency		
Max	50.116	14:45:00
Min	49.844	17:00:00

No. of excursions	
above 50.03 Hz	242
below 49.97 Hz	98
above 50.00 Hz	166
below 50.00 Hz	165

Average time freq per excursion remains	
below 49.97	0:02:01
above 50.03	0:02:34

No. of hours freq outside 49.9-50.05 Hz	5:55:10
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Source : AGRA 10 Sec. (8640 samples)