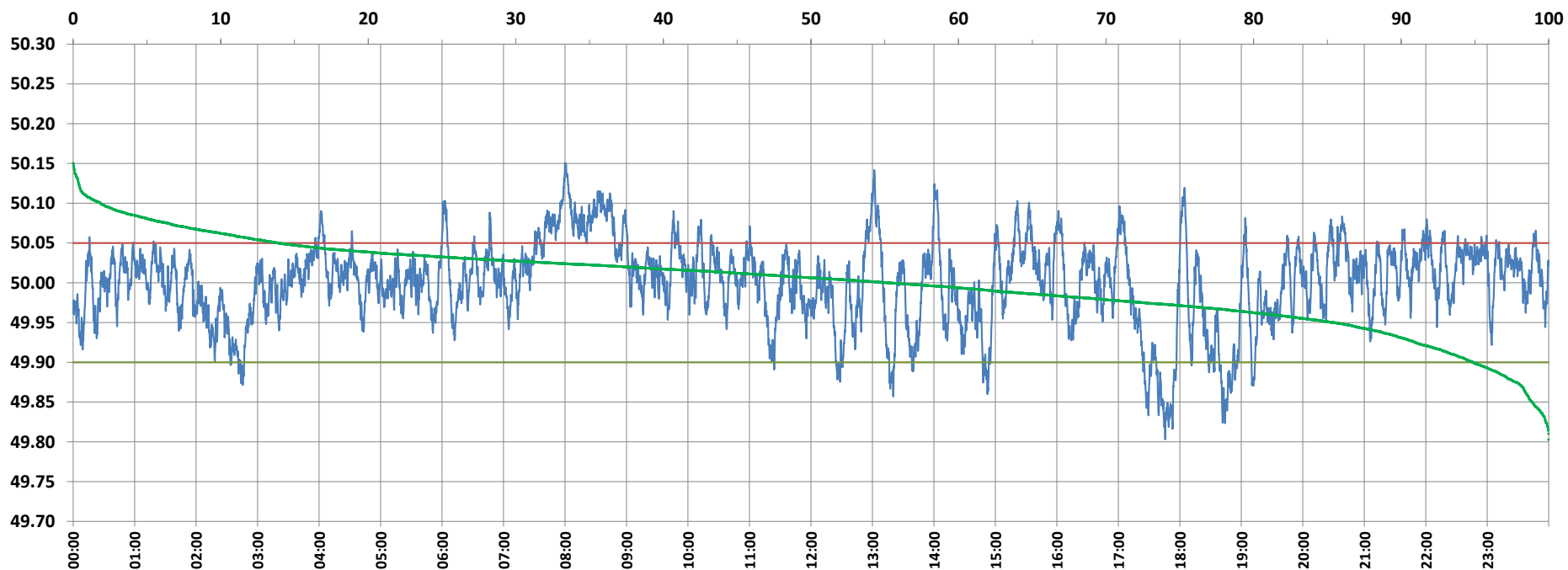


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Sep-2021 (Thursday)



<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	5.12	24.12	0.00	5.12	39.59	53.44	1.85	80.97	100.00	48.53	12.06	55.28	27.35	13.91	0.00	14.54	71.55	9.42

Average Frequency : 50.000	Frequency Variation Index : 0.0274	Standard Deviation : 0.0524	Mileage: 44.3	FDI: 19.0
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Instantaneous Frequency		
Max	50.150	8:00:00
Min	49.803	17:45:40

15 minute Average Frequency		
Max	50.098	8:45:00
Min	49.876	18:00:00

No. of excursions	
above 50.03 Hz	196
below 49.97 Hz	137
above 50.00 Hz	191
below 50.00 Hz	192

Average time freq per excursion remains	
below 49.97	0:02:32
above 50.03	0:02:01

No. of hours freq outside 49.9-50.05 Hz	4:34:00
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Source : AGRA 10 Sec. (8640 samples)