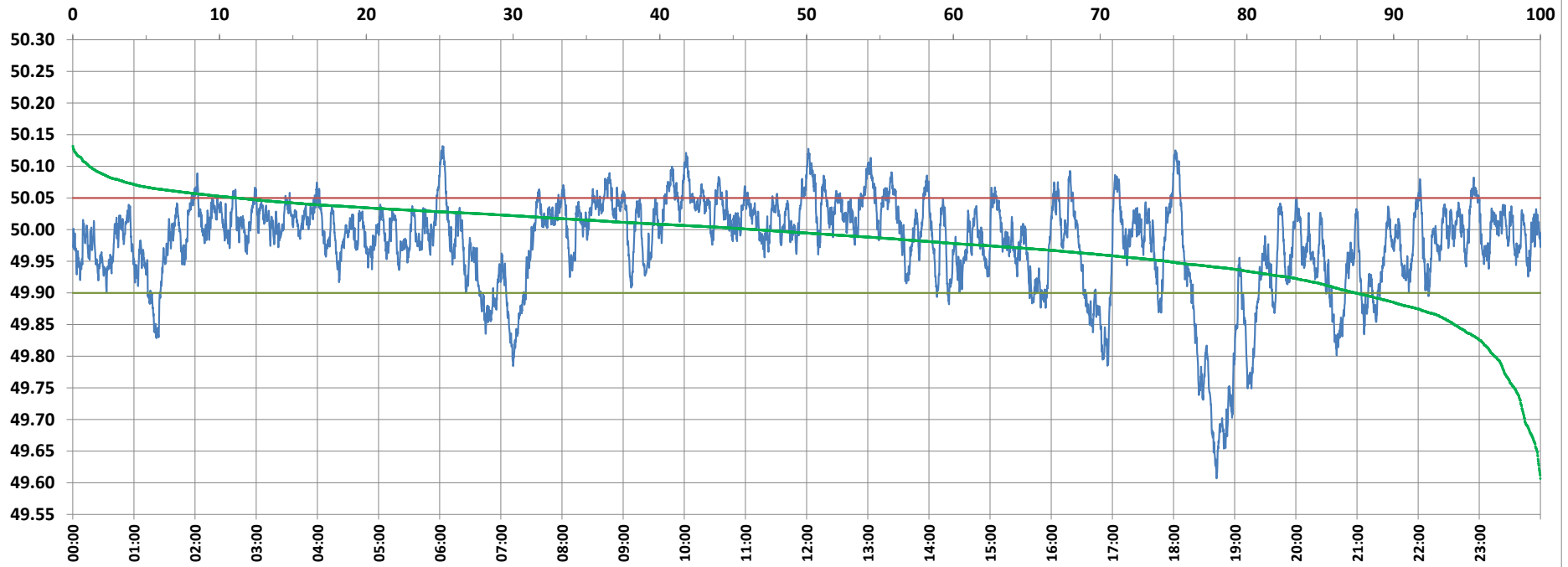


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-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
1.06	12.60	34.86	2.07	9.47	40.83	45.43	1.13	76.22	98.94	41.50	10.05	46.56	23.63	11.18	0.00	25.42	63.40	12.81

Average Frequency : 49.979	Frequency Variation Index : 0.0594	Standard Deviation : 0.0743	Mileage: 45.7	FDI: 23.8
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Instantaneous Frequency		
Max	50.132	6:02:40
Min	49.607	18:42:10

15 minute Average Frequency		
Max	50.062	10:15:00
Min	49.710	18:45:00

No. of excursions	
above 50.03 Hz	167
below 49.97 Hz	129
above 50.00 Hz	169
below 50.00 Hz	169

Average time freq per excursion remains	
below 49.97	0:03:53
above 50.03	0:02:02

No. of hours freq outside 49.9-50.05 Hz	5:42:30
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Source : AGRA 10 Sec. (8640 samples)