



NEPPA's **Metering I Program** will be held **April 21 – 22, 2021** at the **NEPPA Training Center** (200 New Estate Road, Littleton, MA 01460).

NEPPA's Metering I Program is designed to be an introduction to the fundamentals of meter equipment and safety. The Program will introduce how meters are used as an integral part of the distribution system and why their accurate and efficient readings are critical to a utility's success.

Upon successful completion of the Program, students are awarded a Certificate of Completion.

WHO SHOULD ATTEND

This course is designed for:

- New or Transitioning Meter Technicians
- Lineworkers
- Supervisors or Managers transitioning from other departments

LEARNING OBJECTIVES

Upon completion of the program, participants will be able to successfully:

1. Demonstrate a foundational/introductory knowledge of meter use, demand and digital vs. analog meters.
2. Practice hands-on safe installation and removal of a meter.
3. Calculate and demonstrate the safe measurement of electricity.
4. Recognize meter theft, revenue protection controls, and how to safely install service and conduct inspections.
5. Demonstrate a basic understanding of net metering, demand metering and reverse metering.
6. Accurately identify faulty equipment and troubleshoot solutions.

COURSE PREREQUISITES

Students are expected to take NEPPA's **Basic Electricity and Mathematics for Utility Operations** course, and/or demonstrate a solid understanding of basic electricity concepts, theory and mathematics through prequalification testing.

TESTING

Final Exam (25 Questions)



AGENDA

Agenda details are subject to change.

April 21 – 22, 2021

Day 1

8:00 am	Welcome & Introductions
8:15 am	Safety in Metering
8:45 am	Break
9:00 am	Introduction to Metering
10:30 am	Break
10:45 am	Mathematics for Metering Personnel
11:30 am	Lunch
12:00 pm	Review of Electric Circuits & Electrical Theory
1:30 pm	Demand Meters
2:30 pm	Review and Q&A
3:00 pm	Adjourn

Day 2

8:00 am	Revenue Protection
9:00 am	Break
9:15 am	Introduction to Distributed Generation (DG) & Net Metering Techniques
10:15 am	Break
10:30 am	Metering Applications & Troubleshooting
11:30 am	Lunch
12:00 pm	Metering Applications & Troubleshooting (Cont.)
2:00 pm	Final Exam
2:45 pm	Certificates of Completion

INSTRUCTOR

Thomas (Tom) Succi, Technical & Safety Trainer



Tom has worked in metering in New England for the past 48 years as a meter technician, instructor, engineer and manager. He has created instructional programs and taught in the region for most of his career and also ran the meter apprentice training for many years at National Grid as a Principal Trainer.

He recently retired as the Supervisor of Meter Test and Engineering at United Illuminating and looks forward to continuing his career as an instructor. Tom holds a BS and an AS in Engineering Technology as well as an advanced certificate in Management from WPI.

Tom and his wife Arlene currently reside in Connecticut.

