Welcome to the LIFE Webinar Series. We will be starting soon.
The Low-Income Forum on Energy Presents:

Transformative Workforce Development Programing: Social Enterprise and Training (SEAT) Center

Jennifer Lawrence, Rebecca Paavola, and George Brower
SEAT Center, Schenectady NY

February 19, 2019
1:30 p.m. – 2:30 p.m. ET
LIFE, the Low-Income Forum on Energy, is a unique statewide dialogue that brings together organizations and individuals committed to addressing the challenges and opportunities facing low-income New Yorkers as they seek safe, affordable and reliable energy.

Supported by the New York State Public Service Commission and the New York State Energy Research and Development Authority (NYSERDA), the LIFE dialogue encourages an interactive exchange of information and collaboration among the programs and resources that assist low-income energy consumers.
→ Monthly webinars
  - Addressing the Unique Utility Needs of Victims of Domestic Violence
    Wednesday, March 20, 2019, 1:30 - 2:30 p.m. ET

→ Monthly email newsletter
  Sign up at nyserda.ny.gov/LIFE – “Join the email list.”

→ Social media
  LinkedIn: Low-Income Forum on Energy
  Twitter: @LIFEnys
Find more information on the website
nyserda.ny.gov/LIFE

Join the mailing list
nyserda.ny.gov/LIFE – “Join the email list.”

Newsletter suggestions, webinar ideas, event announcements
LIFE@nyserda.ny.gov

Contact LIFE
Phone: 866-697-3732 – Request “Low-Income Forum on Energy”
Email: LIFE@nyserda.ny.gov
Asking Questions During Today’s Webinar

Click on the small arrow to the left of “Q&A” to open the text field. Type your question into the text field and click “send.”
Technical Difficulties or Contacting the Host

1. Click on the “Chat” icon on the bottom menu to activate the chat function.
2. The chat function will appear in the middle right portion of your screen.
Social Enterprise and Training Center

Overview of Energy Training Programs
SEAT Center Locations

131 State Street, Schenectady
Main Training Center

Rotterdam Industrial Warehouse
Construction Hands on Training Space

209 N. Brandywine Avenue, Schenectady
Energy Efficiency Training House

CEO Troy
2245 Old Sixth Avenue, Troy
Social Enterprise Services: where mission meets marketplace
Programs

- Young adults from Schenectady who completed high school.
- 3 months of vocational training/internships/career readiness classes, and support services.
- Job and/or college placement.
- 1 year of replacement, career counseling, and follow up services.
- Energy Efficiency, Emergency Medical Technician or Culinary Career Tracks.

- Young adults from Schenectady or Amsterdam who did not finish high school.
- 6 months of alternative high school classes/vocational training/leadership development/support services/internships.
- Job and/or college placement.
- 1 year of replacement, career counseling, and follow up services.
- A partnership with Office of Children and Family Services (OCFS) and Cornell Cooperative Extension of Tompkins County.
- Weekly vocational training in the Brookwood Secure Detention Center.
- Transition and follow up services available to eligible youth upon release.
Building Affordable and Green . . .

- Insulated Concrete Forms
- R13 2x4 Interior Walls
- Zip R Exterior Wall System
  - (attached 1.5 in foam wall insulation to eliminate thermal bridging.)
- R 38 Fiberglass Bats with an R22 Blown In Fiberglass on-top
  - (Total R Value 60)
- Additional air sealing to exterior walls and corners
- HVAC – Forced Air Electric System
- Solar Hot Water Heater – SunBandit System
- Solar Roof System to compensate for all energy usage for the home
- Rain Garden System
Energy Warriors

• SEAT partners with Cornell Cooperative Extension to provide courses in environmentally-friendly construction practices to young people who are incarcerated in the New York State juvenile justice system

• In 2018, eighteen young men participated in courses on topics such as Building Science Principles, Weatherization, and Alternative Energy

• Students set post-release goals and receive services to assist with their transition back into community life, gaining employment, and/or enrolling in higher education

SEAT’s Energy Warriors students designed solar-powered cars for the program summit in May 2018.
DEC: Asthma Reduction GreenSkills Grant- Community Impact
Trainee Certifications

- **OSHA 10**
  - Basic Safety Training
- **NCCER Core Construction**
  - Understanding of hand tools, power tools, materials, building design, etc
- **Building Science Principles & Air Sealing**
  - How a building functions as a system/Basic Weatherization
- **EPA LEAD RRP**
  - How to test for lead in paint and how to properly address lead paint in a home

Outcomes

- 18 Months
- 24 Certified Trainees
- 72 Homes
- 88% Placement
- 75% Retention
Scope of Work

Smoke & CO2 Detector Installation
Air Filter Replacement
Dryer Venting
Light Weatherization
Previously held Energy Efficiency Trainings

**Entry Level Courses:**

- OSHA 10-hour Construction Worker Certification: 10 Hours
- Environmental Stewardship: 10 Hours
- Introduction to Solar Energy: 45 Hours
- (NCCER) - Core Competencies: 87.5 Hours
- Your Role in the Green Environment: 15 Hours
- Building Science Principles: 16 Hours
- Building Air Sealing and Insulation (BASI): 24 Hours (including testing)
- Infiltration and Duct Leakage: 16 Hours
- Building a Zero Energy Ready Home: 8 Hours

**Advanced Courses:**

- BPI Building Analyst (BA) Training: 6 Days
  - Pre-requisite: Building Science Principles
- Building Analyst Field Test Prep: 16 Hours
- Healthy Home Evaluator: 2 days
  - Pre-requisite: BPI Building Analyst or BPI Building Auditor Certification
- Maintenance of High Efficiency Systems, 5 days
  - Technician Level Experience
Contact Us!

Jennifer Lawrence, Executive Director
jlawrence@seatcenter.org

Rebecca Paavola, Director of Education & Training
rpaavola@seatcenter.org

George Brower, Green Construction Manager
gbrower@seatcenter.org
Join us for upcoming webinars:

Addressing the Unique Utility Needs of Victims of Domestic Violence
Wednesday, March 20, 2019, 1:30 - 2:30 p.m. ET

nyserda.ny.gov/LIFE-Webinar-Series
Find more information on the website
nyserda.ny.gov/LIFE

Join the mailing list
nyserda.ny.gov/LIFE – “Join the email list.”

Newsletter suggestions, webinar ideas, event announcements
LIFE@nyserda.ny.gov

Contact LIFE
Phone: 866-697-3732 – request “Low-Income Forum on Energy”
Email: LIFE@nyserda.ny.gov