



**RESILIENCE**

**EDUCATION**

**TRAINING**

**INNOVATION**

**RETI**  
center



Roof RETI Solar Training Program



# Program Partners



# Building an Inclusive Solar Workforce

RETI piloted the training program in the summer of 2021 with 14 participants.

Awarded NYSERDA Energy Efficiency and Clean Energy Training Grant to bring program to scale in 2022.



## ROOF RETI SOLAR INSTALLATION TRAINING

Red Hook, Brooklyn

- No cost to participants
- No previous experience or qualifications required
- Access to internship and employment supports
- Free certifications
- Hourly wages of \$15+

# Program Offers

## Trainees:

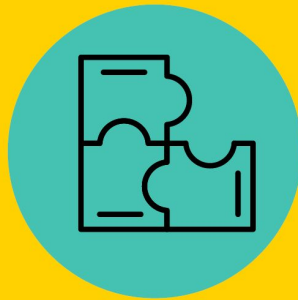
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Career Counseling,  
Career Readiness, &  
Wraparound Services





# 2



## Skills Training

- Roof RETI Solar Installation (5 days)
- GPRO Sustainability Fundamentals (1 day)
- Social Entrepreneurship (1 day)

## Trainees then choose:

- OSHA 40 Construction Safety (5 days)  
or
- Solar Business Orientation (2 days)

## Track 1:

### Solar Construction

Earn 3 industry recognized certifications:

- OSHA-30
- OSHA-10 SST
- GPRO Fundamentals of Sustainability

## Track 2:

### Solar Business & Marketing

Curriculum is written and instructed by marketing and administration professionals in the solar field

Earn 1 industry recognized certifications:

- GPRO Fundamentals of Sustainability

# Solar Training

Curriculum includes:

- Work Safely on PV Installations
- Installation of Roof Mount Components
- Basics of Specific Site Design Criteria
- Review and Inspect the Installation Quality
- Basic System Maintenance



Trainees follow along with training content virtually!

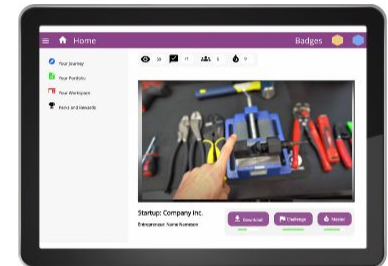
Learning in and out of the classroom.

# Scalable Learning Technology

Standardized programatic modules  
Video lessons for facilitated workshops  
Self-paced learning options  
Virtual points system & rewards  
Training & service hour trackers  
Industry recognized training badges  
Green skills development tokens  
Blockchain verified credentials



GAMIFIED  
ONLINE  
LEARNING



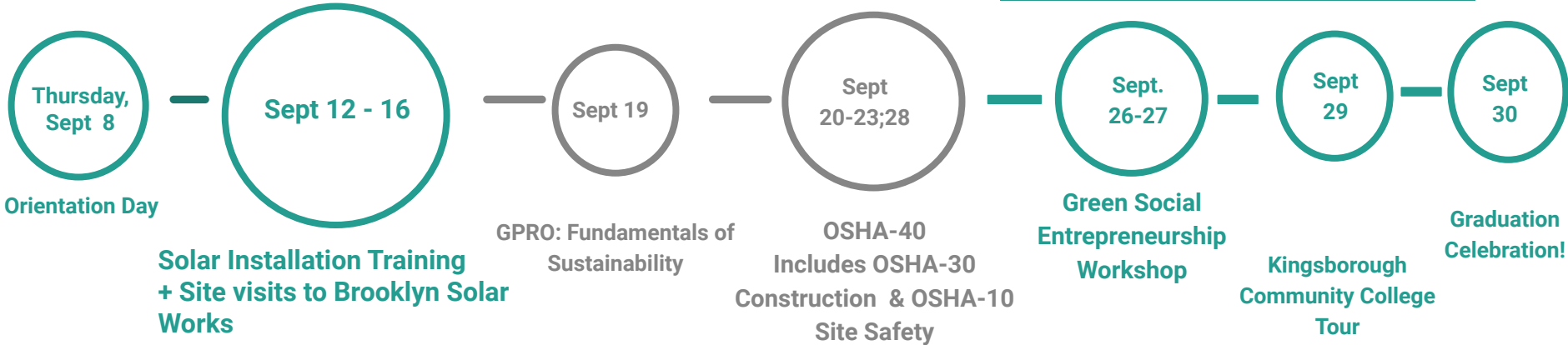


# September 2022 Training Schedule

WEEK 1

WEEK 2

WEEK 3



# 3

**Paid Internship  
(6-weeks)**



All graduates will have opportunity to take on a 6-8 week paid internship.

They will learn skills on the job and in the field with established solar installers, and green construction companies.

Establish pipeline to good-quality, in-demand jobs to achieve decarbonization goals.



**SolarSEED**



**BROOKLYN  
SOLARWORKS**



**ALTERNATIVE + RENEWABLE CONSTRUCTION**





BROOKLYN  
SOLARWORKS

# THE CITY

THURSDAY, MARCH 31, 2022 | REPORTING FOR NEW YORKERS

## ‘I Had to Step Up’

Josue Perez’s fear of heights isn’t stopping him from pursuing a career in the solar industry, one of the fastest-growing industries in the state.

Perez, 20, climbed onto a roof to learn about solar installations as part of a program last summer run by the [RETI Center](#), a Red Hook based nonprofit, in partnership with Brooklyn SolarWorks.





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Job Placement &  
Green Jobs Fair

Average Base Salary, NYC

Solar Installer \$53,772

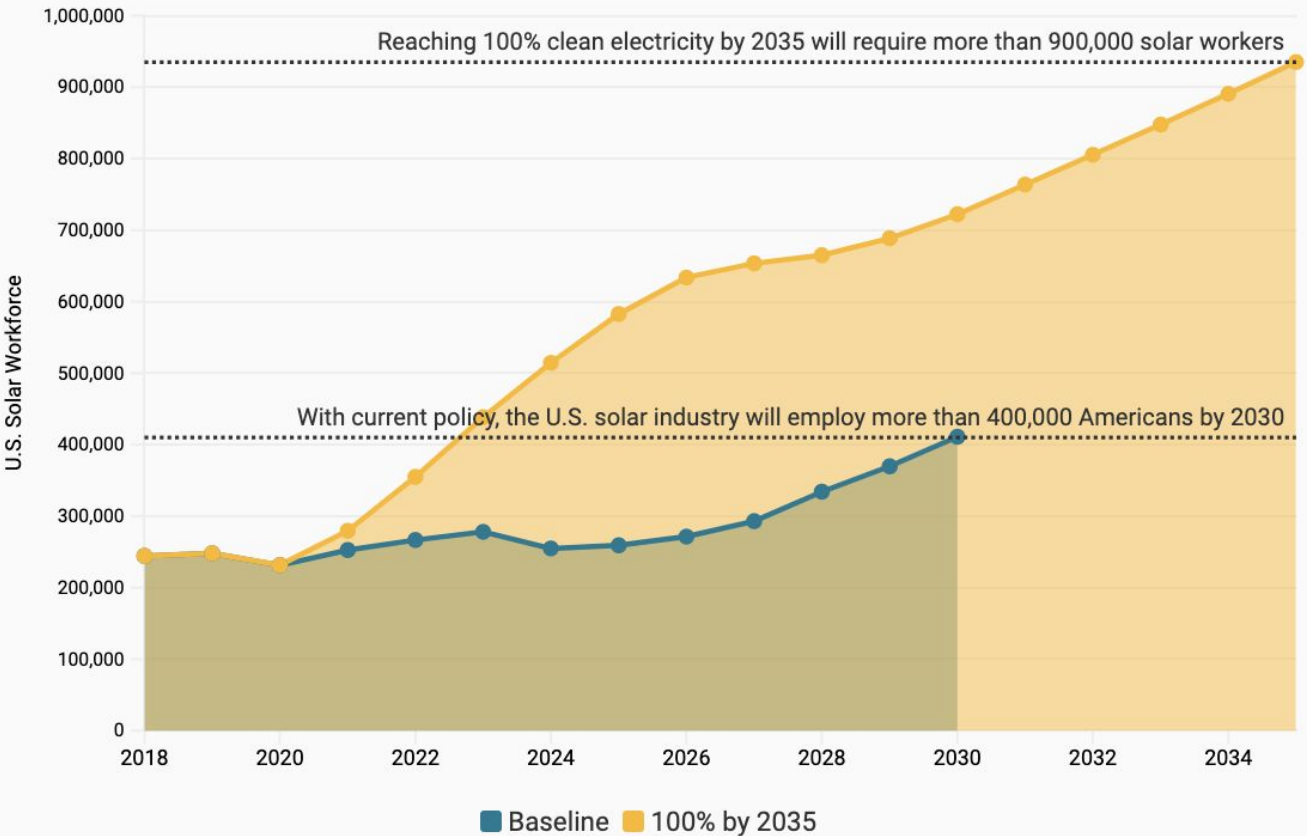
Solar Sales Representative \$38,511

Source: [salary.com](https://www.salary.com)

Solar is a fast growing field.

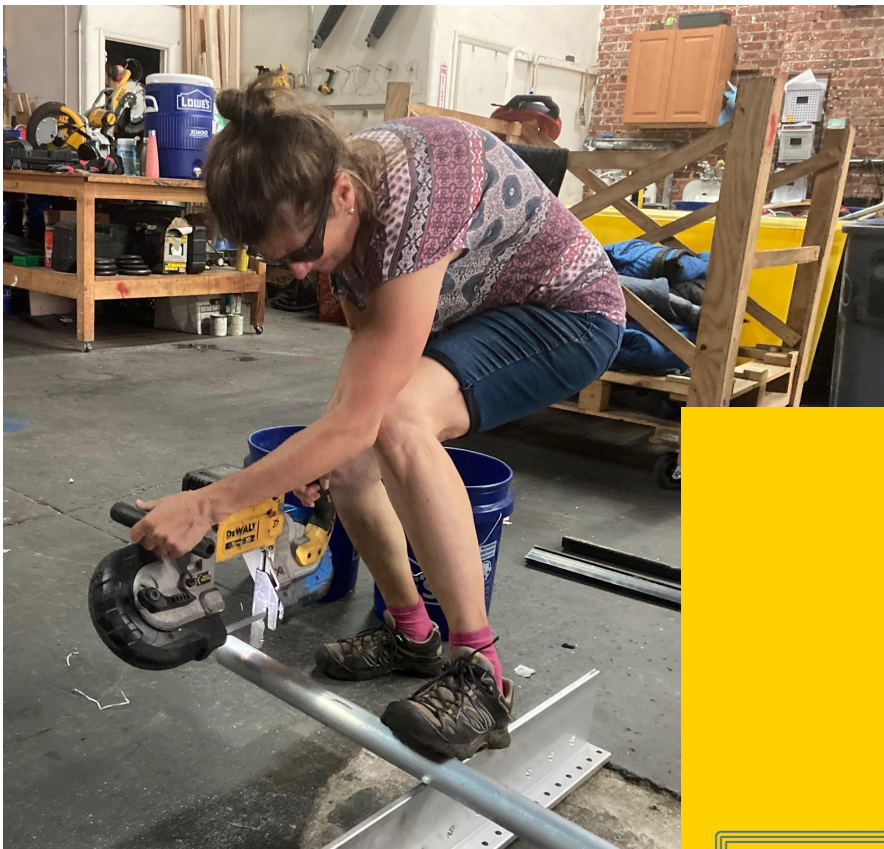
# Future Workforce Needs

## Baseline Solar Employment Forecast vs. Workforce Needed to Reach 100% Clean Electricity by 2035



Sources: [National Solar Jobs Census 2020](#), SEIA approximation of Biden Clean Energy Goal





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**Job Retention (12 months)** includes ongoing career counseling, barrier mitigation, and continued education opportunities







- Contact us for more info:  
[info@reticenter.org](mailto:info@reticenter.org)
- Career Opportunities:



Find out more at:  
[www.RETICenter.org](http://www.RETICenter.org)



reti\_center

Help  
Build  
Our  
Clean  
Green  
Solar  
Energy  
Future

