

# Willdan Clean Energy Academy [CEA]

## Cohort 6 Reporting

**Project Director:** Antuan Cannon  
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**Contract Number:** 142989  
**Purchase Order Number:** 148165  
**Total Invoice Amount:** \$24,000

The Willdan Clean Energy Academy [CEA] supported by NYSERDA PON 3981 funding, successfully completed the third cohorts of the training, with 22 graduates, in July of 2020. Each student participated in 72 hours of online virtual classroom training. The training took place from Monday through Friday, from 11:30am - 6:30pm over a two and a half-week training period.

The training curriculum consisted of the following lessons:

- Green Economy
- Lighting Systems
- HVAC-R Systems
- Energy Efficiency Software
- COVID-19 Health & Safety

The 26 candidates were selected to participate in this online training program out of 58 applications received and 34 scheduled interviews completed. Class began on Monday 7/13/2020 and completed on 7/29/2020 with a final exam.



**WILLDAN** CLEAN ENERGY ACADEMY  
 ANY QUESTIONS?  
 Doreyne R. Norris (917) 830-7157  
 drnorris@soulfulsynergy.org

APPLY AT  
**CLEAN ENERGY ACADEMY**  
 LIVE VIRTUAL CLASSROOM  
 MONDAY, JULY 13, 2020  
 11:30am - 6:30pm  
 Monday - Friday  
 for 2 weeks  
 VISIT US AT  
 CLEANENERGYACADEMY.ORG

**PROGRAM OVERVIEW**  
 This is a 60 hours energy efficiency technical training, combined with an Online Dynamic Learning Management System delivery method. The program focuses on energy efficiency, outreach, education and implementation assistance initiatives for small commercial properties.

<p><b>LEARN</b></p> <ul style="list-style-type: none"> <li>• Real-world application of sustainability policies &amp; standards</li> <li>• Use of software tools and energy audit processes</li> </ul>	<p><b>BUILD YOUR PORTFOLIO</b></p> <ul style="list-style-type: none"> <li>• Create energy audit reports and analyses</li> <li>• Prepare for industry recognized certifications</li> </ul>	<p><b>PROFESSIONAL DEVELOPMENT</b></p> <ul style="list-style-type: none"> <li>• Resume Writing and cover letter writing support services</li> <li>• Internship and job placement assistance services</li> </ul>
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This program is open to everyone, regardless of age or background. To be considered for participation in this program, please apply using the following link: <https://tinyurl.com/winiwinapp>  
 \*All Applicants will undergo interviews, evaluations and a screening/selection process\*

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In Partnership with Cos Ebbett's Small/Medium Business Program

**IMPLEMENTED BY:**   

**POWERED BY:**   
**EMPLOYER PARTNERS:**       

The candidates that participated came from a variety of backgrounds and professional experiences including students from priority populations across NYS. While the program began with 26 participants, 22 completed the training program and made it to graduation. The attrition rate was manageable at roughly 15% and in line with classes of a similar nature when delivered in person. We do not feel that the online learning had any negative impacts to the course completion for student participants.

### Class #6 (22 students)

**Location:**  
 Online Training Delivery

- Instructors:**
- Clayton Gregory ([Clay@greentechleaders.com](mailto:Clay@greentechleaders.com))
  - Alejandro Alvarez ([aalvarez@soulfulsynergy.org](mailto:aalvarez@soulfulsynergy.org))
  - Antuan Cannon ([acannon@willdan.com](mailto:acannon@willdan.com))

## Activities & Accomplishments

Our final cohort of the funding cycle was a phenomenal one. We were able to recruit a strong group of candidates through our network of expanding partnerships and find not only qualified, but enthusiastic students to take part in the program.

This group of students came from City College, NYIT as well as referrals from employment partners like Cadela Systems and referrals from previous graduates of this year's program. It was a great mix and culmination of months of building a demand for the training that allowed us to recruit candidates from many of our developing strategic partnerships.

Due to continuous improvements and enhancements to our process we maintained a high level of engagement with students throughout the training session. Classroom invitations were scheduled and sent to students with ample time for their review and access to the virtual classroom. Our teaching assistants continued to hold office hours 30 minutes prior to class beginning and 30 minutes after class officially ended in order to address questions that participants had about training material, classroom lectures, and review quizzes. With this increased attention to student needs we saw an improvement with retention of learning materials for this final cohort. The overall test scores of students increased from previous sessions. We attribute this to a more effective communication and training surrounding the technology which allowed students to spend more time focused on energy efficiency curriculum as opposed to learning new technologies for classroom learning.

As we continue to expand our curriculum offerings and integrate them into the course we also found the materials were better suited for online delivery than they were during our first attempt at online training in April of this year. This group of graduates has been very engaged and interested in the career services component of the training as the economy shows signs of opening back up. Most of the participants have been attending our ongoing professional development workshops and have received coaching on resume writing, cover letter support, job search strategies, interview prep amongst other valuable skills. This group has also expressed interest in hands-on service learning and auditing experiences as the threat of COVID-19 seems to lessen. We have not yet figured out how to create these in person learning experiences in this environment but are reaching out to employment partners to better understand the opportunities.

The final graduation of this funding cycle ending in a nice celebration with some live music from our instructor/DJ Clay.

## Student Testimonials:



### Testimonial #1:

Thank you for this opportunity. It means a lot to me. You teach me something new everyday and I appreciated that so I just want to say thank you.

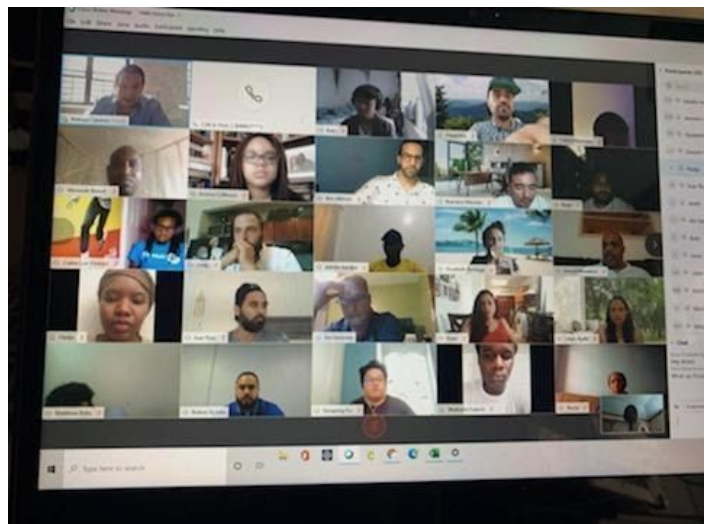
- Shakeem Francis

### Testimonial #2:

The teachers are great, they have excellent humour and make the classes very fun and enjoyable. They were also very patient and forgiving during my first days as I struggled a little bit with the technology.

Willdan Clean Energy Academy was my first online training experience and the best for my first time. I will be happy to refer to my friends and I have many good memories.

- Dania AlBashir







## Energy Efficiency and Clean Technology Workforce Training Metrics Table

Contractor Information		
Contractor Name		Willdan Lighting & Electric, Inc.
Agreement Number		142989
Reporting Period (MM/DD/YYYY – MM/DD/YYYY)		07/13/2020 - 07/29/2020
Metrics Summary		
<b>Enter <u>cumulative</u> totals for the project to date:</b>		
A	Total number of individuals receiving training	22
B	Breakdown of training types (total of rows B1, B2, and B3 should equal row A)	
B1	Number of individuals receiving training – Online Training	22
B2	Number of individuals receiving training – In Person Training	0
B3	Number of individuals receiving training – Combination of Online and In-Person Training	22
C	Number of individuals from priority populations receiving training	
C1	Veterans	2
C2	Native Americans	1
C3	Individuals with disabilities	0
C4	Low Income individuals*	1
C5	Unemployed power plant workers	0
C6	Previously incarcerated individuals	0
C7	18- to 24-year olds in work preparedness training programs that include energy related technical training**	1
D	Number of trainers trained	0
E	Number of new curricula developed	0
F	Number of curricula modified	1
G	Certifications earned	22
H	Individuals interviewed for job placement	5
I	New workers placed in jobs within 9 months of completion of training	2
J	<p><b>Project-specific metrics related to trainees’ achievements (e.g., additional training, credentials earned, advancements, wages, wage growth, internships, pre-apprenticeships, apprenticeships) as outlined in Contractor’s plan for tracking trainee post-training. Provide in the report narrative if more space is needed.</b></p> <p>Given the current public health crisis, and the dampening impact it has had on hiring new workers, we are continuing to innovate, and make different type of career advancement opportunities available to the graduates, including: Additional continuing education through weekly webinar series; participating in service learning projects with our contractor partners, ongoing wrap-around and career support services like resume and cover letter writing, and facilitation of mock as well as real interviews.</p>	

\* Low-income individuals are defined as those whose household’s total income is below or at 60% of the State Median Income, or the household has been determined eligible for or is receiving assistance through the Home Energy Assistance Program (HEAP), Temporary Assistance for Needy Families (TANF), Supplemental Nutrition Assistance Program (SNAP), or other human service benefit program

\*\*Youth work preparedness programs such as BOCES, technical high schools, Conservation Corps, Youthbuild, AmeriCorps, etc

## Cost Overview

The total cost per student to recruit, interview, deliver the training, pair with an employer, and track all of the necessary data, after the in-kind contribution is accounted for, comes out to a total cost of **\$1,770** per student.

Given that for Cohort #6, we graduated 22 students, to total costs for this cohort is \$38,953

**Project Summary:** Project Management and Delivery of the Outreach & Recruitment, Training, Tech Support, and Career Support Services for Willdan Clean Energy Academy Cohort #6 [22 Students]

## Expenses by Task

#	Description	Total Cost	Amount In-Kind	Amount Owed
1	Project Management Services	\$4,800	\$1,800	\$3,000
2	Training Service	\$14,553	\$5,803	\$8,750
3	Technical Support Services	\$5,600	\$2,100	\$3,500
4	Outreach & Recruitment Services	\$8,800	\$3,300	\$5,500
5	Career Support Services	\$5,200	\$1,950	\$3,250
Total Due		\$38,953	\$14,953	\$24,000

## Expenses by Personnel

Expense Breakdown by Personnel			Cohort #6			
#	Role	Rate	# of Hours	Total Cost	Amount In-Kind	Amount Owed
1	Program Manager	\$160	15	\$2,400	\$900	\$1,500
2	Program Coordinator	\$80	30	\$2,400	\$900	\$1,500
3	Trainer	\$120	60	\$7,200	\$2,700	\$4,500
4	Training Assistant	\$87	85	\$7,353	\$3,103	\$4,250
5	Curriculum Developer	\$200	0	\$0	\$0	\$0
6	Outreach Specialist	\$100	88	\$8,800	\$3,300	\$5,500
7	Career Specialist	\$120	43	\$5,200	\$1,950	\$3,250
8	Tech Developer	\$240	0	\$0	\$0	\$0
9	Tech Support	\$120	47	\$5,600	\$2,100	\$3,500



<b>TOTAL</b>	<b>368</b>	<b>\$38,953</b>	<b>\$14,953</b>	<b>\$24,000</b>
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