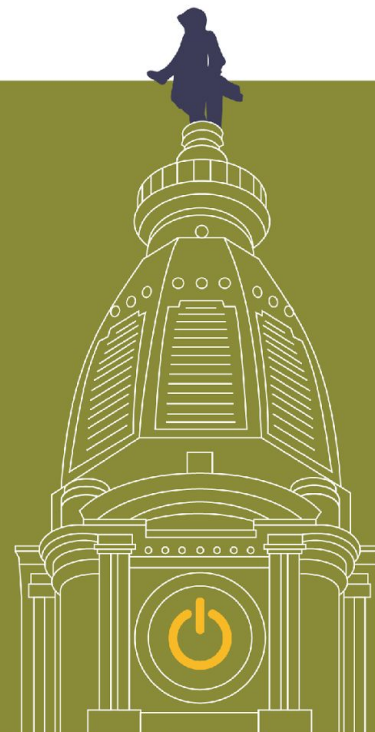




Board Update – Q2 FY25

January 29, 2025

Emily Schapira, *President & CEO*



Organizational Updates

- New Hires
 - Ben Block, Sr. Manager, Communications
 - Isaiah Smith, Clean Energy Fellow
- Upcoming hiring
 - Outreach Manager, Commercial Programs
 - Program Manager, Workforce Development
- Resolutions

Policy Updates

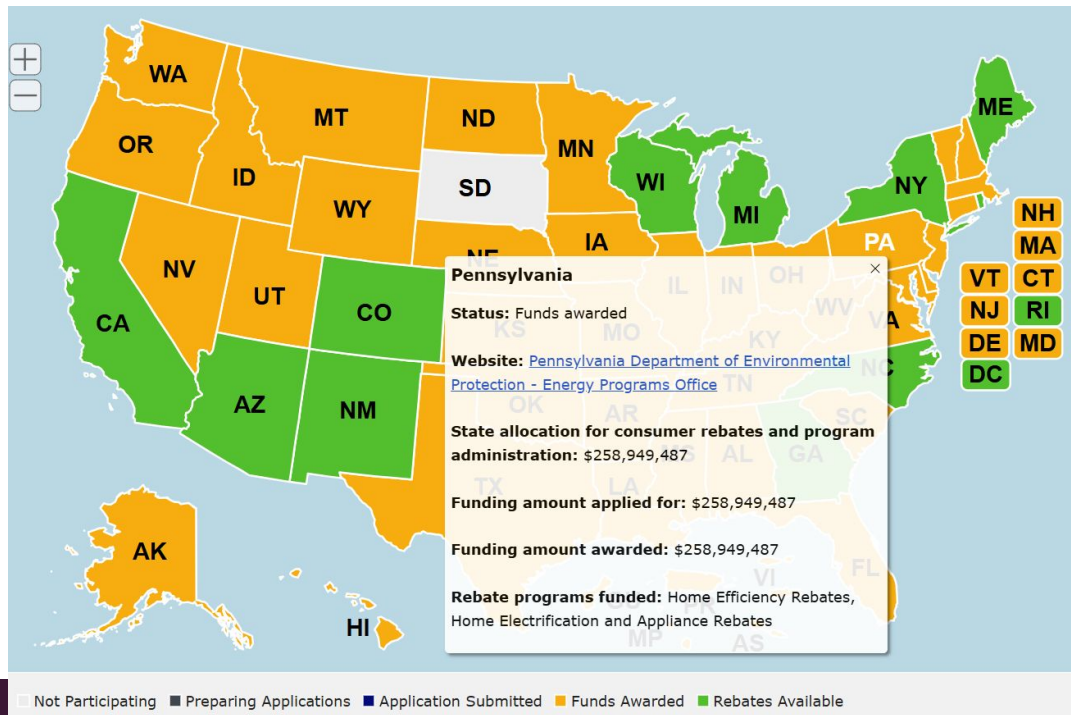
- Federal
 - Trump Administration took office on Jan 20
 - Signed executive orders to roll back climate commitments
 - Withdrawal from Paris Agreement, 90-day pause on disbursement of BIL/IRA funds
- State
 - Governor's budget address on Feb 4
 - New energy committee in the PA House chaired by Rep. Fiedler

Inflation Reduction Act

Preparing for Residential Rebate
launch in 2025 - \$259MM to PA

VISION Conference

- “Vital Investments in Sustainable Innovation for Our Neighborhoods” (VISION)
- November 19, 2024: Harrisburg
- PEA panel on Built to Last & “Stacking Strategies for Preservation and Affordability”



Municipal Energy Projects

- **PWD Wastewater Treatment Plants GESA**
 - Released RFP on Jan 10, pre-proposal conference earlier this week
 - Up Next: Site walkthroughs, preparing to apply for RISE PA state grant
- **Quadplex+ GESA**
 - Selected Johnson Controls as prime vendor
 - Up next: Bringing to City Council for review and approval
- **Utility-scale off-site renewables PPA**
 - Eight projects (five firms) responded to RFP
 - Up next: Finalizing firm & project selection



Municipal Energy Projects

- **Philadelphia Streetlight Improvement Project**
 - 90,000 fixtures installed citywide
 - Visited local manufacturing pod at American Power Electrical Supply

[Philadelphia Energy Authority trying to replace 130,000 outdated streetlights in progressive initiative](#) | FOX 29 Philadelphia

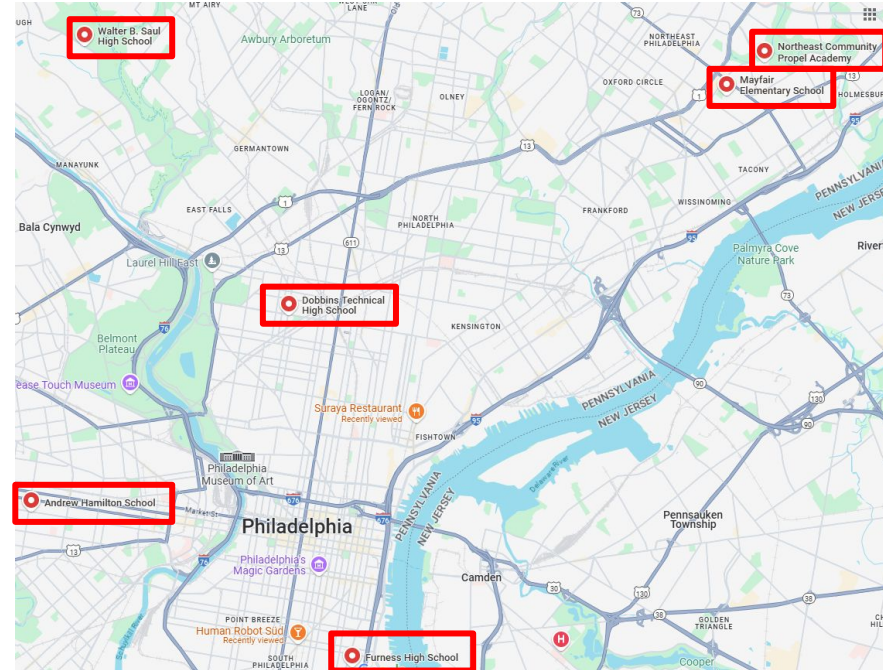
[Initiative aims to replace 130,000 streetlights in Philly with energy-efficient LED bulbs](#) | The Philadelphia Tribune

[Light up the night: Officials tout progress of streetlight improvement project](#) | NBC10 Philadelphia



School District of Philadelphia

- **Solar for Schools** - 6 school site applications submitted Dec 2024
 - Andrew Hamilton Elementary School
 - Furness High School
 - Mayfair Elementary School
 - Murrell Dobbins Technical High School
 - Northeast Community Propel Academy
 - Walter B. Saul High School
- \$2.1MM in grant requests, projected savings of >\$250k per year in electricity savings
 - Projected 6 year payback with rebates and incentives
- Expect announcement May, 2025



Built to Last Updates

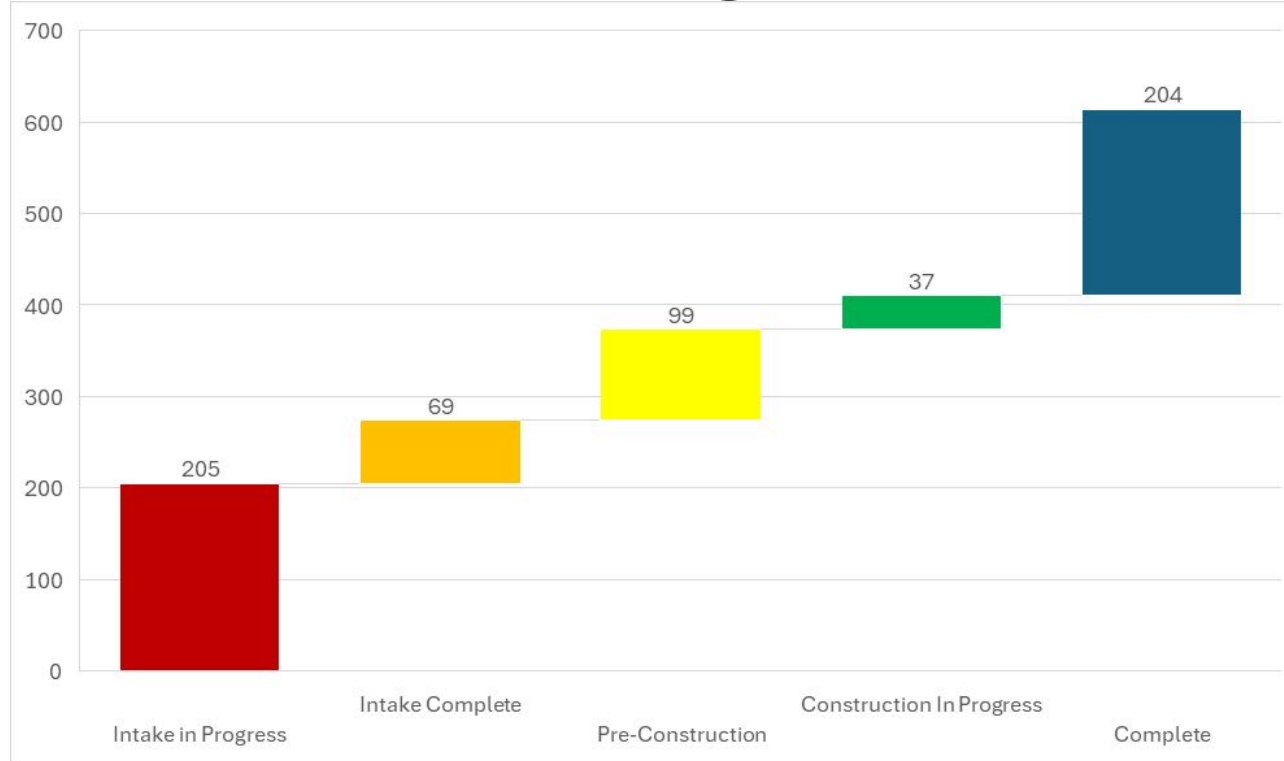
Milestone: 200th repair project completed!

Partnership News: First project with New Kensington Community Development Corp. (NKCDC), performed by Habitat, funded by Fannie Mae is starting, 49 homes will be completed in 2025.

Process Update: BTL's waitlist is integrating with the City's One Philly Front Door system. Soft launch in February, public roll out in Spring/Summer 2025



Built to Last Program Update



Currently
there are
2393
applicants on
BTL's waitlist

American Water Resources Partnership



- 85K customers in flagship Water and Sewer Line Protection Program
- 30K+ enrolled in new protection products
- \$75MM+ saved in repair costs for consumers
- 75% of claims to date serviced by M/W/DBE contractors
- 4% of all claims had an NOD from PWD - majority of infrastructure repairs are self-identified
- 4,100/month calls handled, 94% Customer Satisfaction

Phase 8 (2024)



Phase 8 Goals

- **LMI Residential:** 2,000 homes
- **Market Rate Residential:** 1,000 homes

Phase 8 Contracts Signed: 1,004

- **LMI Residential:** 538 (54% of all Contracts)
- **Market Rate Residential:** 466



Progress to Date (Residential)



Contracts Signed as
of Today



Contracted Solar
Capacity



\$ Invested in Philly's
Clean Energy
Economy



Households
Signed up



Direct Jobs Created

2017-20

779

3.95 MW

\$13+ million

10,000+

98

2021-23

1,909

10.30 MW

\$35+ million

40,000+

282

2024

1,004

5.22 MW

\$21+ million

52,000+

172

Total

3,692

19.47 MW

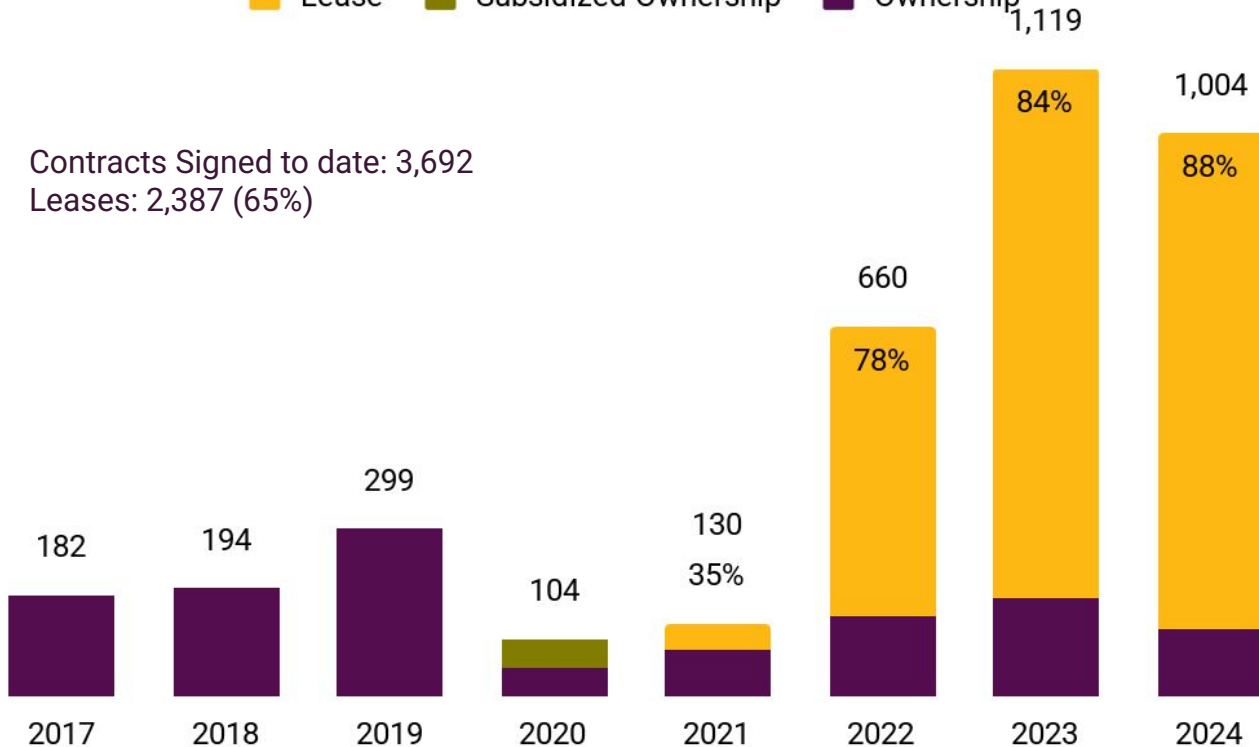
71+ million

103,000+

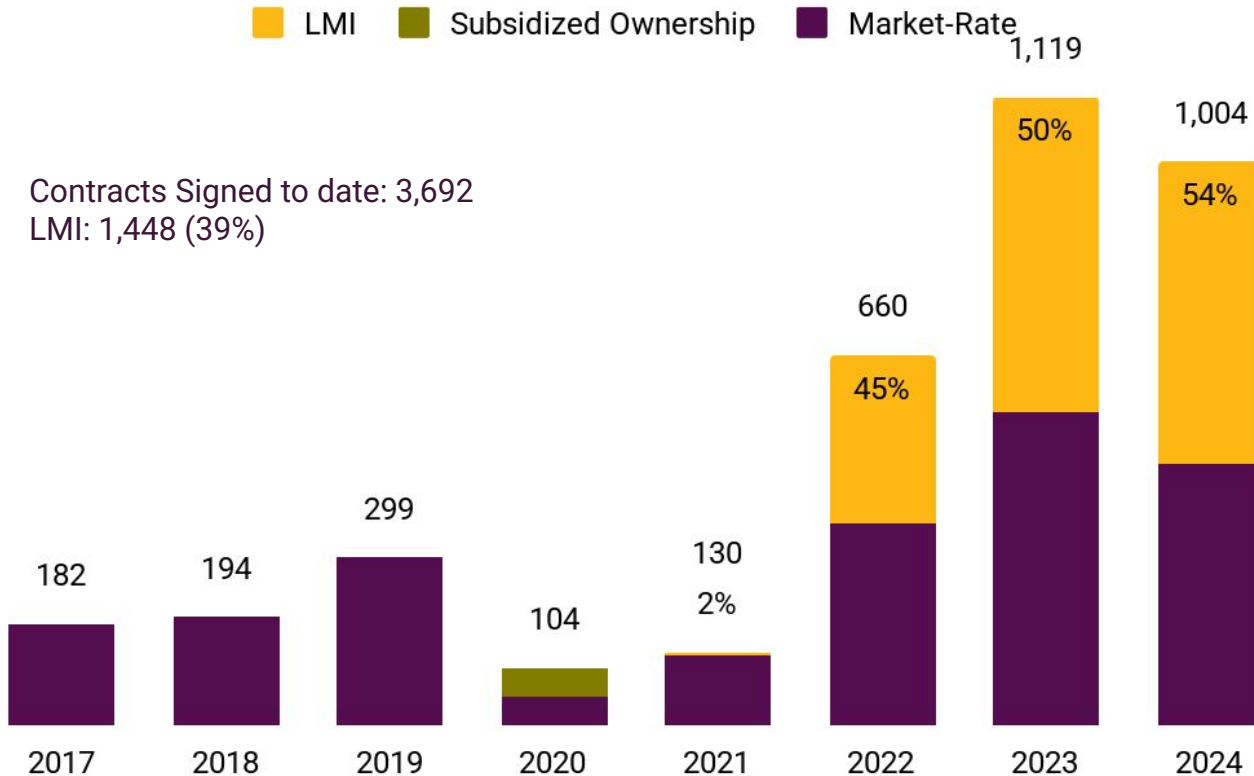
552

Solarize Philly Contracts Signed

Lease Subsidized Ownership Ownership



Solarize Philly Contracts Signed



Bright Solar Futures, High School Updates

- School District of Philadelphia & PEA collaborated to locate new school for BSF CTE program
- Randolph has been selected as a viable option
 - Currently searching for a teacher
 - BSF CTE Solar Program tentatively scheduled to begin at Randolph in Fall of 2025.





Green Retrofit Construction Immersive Training (GRIT)

• GRIT 2025

- Two Cohorts in 2025
 - Dates for cohort 6: March 10, 2025 - July 1, 2025
 - Dates for cohort 7: June 2, 2025 - October 3, 2025

• Program Updates

- Two day orientation
- Engaging new partner for soft skill development
- PEA Business Engagement & Career Coordinator will meet with participants bi-weekly to help them prepare for employment

GREEN RESIDENTIAL CONSTRUCTION IMMERSIVE TRAINING PROGRAM

Earn money while you train to enter the growing green construction field

Program runs March 10, 2025 - July 11, 2025 | Monday - Friday, 9 AM - 3PM

- Earn 5 industry certifications
- In-person on-the-job (OJT) internship
- Support for job placement
- Competitive **\$500** weekly stipend
- SEPTA Travel Wallet (optional)

Requirements

- Philadelphia Residency
- 18 years or older
- High School Diploma or GED required
- Pass physical assessment
- Completion of 2 day **paid** orientation prior to program start date on **3/4, 3/5**



Sign-up:

**Accepting applications on a rolling basis
until class is full**

<https://forms.gle/cdVsp7Q7K7fkeh9g>



Training Location

106 W. Clearfield St. Philadelphia, PA 19133

(Monday-Thursdays)

Additional Participant Support each Friday throughout the training

For additional assistance: Call **215-385-3884** or
Email workforce@philaenergy.org



PEA Sponsored OSHA Trainings

- In collaboration with Philaposh, PEA sponsored:
 - OSHA-30 training in December, 2024
 - OSHA-10 training in January, 2025
- Plans to continue additional OSHA trainings throughout the year
- The intention is to provide a pathway to employment to those who may have not been selected for our programs, upskill those who are already employed.
- Trainees who complete the OSHA trainings receive employment support from PEA



Employment

- Recent employment offerings from S&L Roofing, Phase 3, Trademark Plumbing & Heating and DiAngelo Brothers
- Clean Energy Mixer - January 23, 2025 - Temple University
 - 40 clean energy employers attended the event to learn about workforce services available through the Clean Energy Grant and Industry Advisory Board via PEA and PhilaWorks presentation



Clean Energy Workforce Development Grants

GRANT ELIGIBILITY

Is your business or organization primarily engaged in one or more of the following clean energy sectors in Southeastern Pennsylvania?

- Advanced Manufacturing
- Building Weatherization
- Energy Efficiency
- Clean Energy Generation
- Clean Grid and Storage
- Clean Fuels
- Solar, Wind, Hydroelectric
- Geothermal
- Sustainable Transportation
- Clean Energy HVAC & Electricity Generation

If so, you have a golden opportunity to tap into available grant funding that could power significant growth and enhancements to your operations.

BENEFITS

- Strengthened Partnerships
- Comprehensive Employer Support
- Employee Retention & Advancement
- Effective Training and Upskilling
- Career Pathway Development
- Diverse and Inclusive Recruitment

GET CONNECTED!

Email: CleanEnergyphilaworks.org

PHILADELPHIA WORKS

The PA Department of Labor & Industry (DLI) granted Philadelphia Works, in partnership with Bucks and Delaware Counties, the Clean Energy Workforce Development Grant. This grant aims to ensure businesses and job seekers remain competitive in the clean energy sector over the next decade.



C-PACE Program

- One project closed in Q2: \$32MM for Rhoads Industries Phase 2
 - 1st phase was \$15MM in 2021
- Commercial real estate still extremely sluggish

Rhoads Industries (Bldg 57, Navy Yard)

PROJECT OVERVIEW

Property Type: Heavy Industrial

Financing Amount: \$32MM (added to original \$15MM)

Rate and Term: 6.89% (blended with original), 27 years

Building Measures: Substantial renovation including envelope, lighting and HVAC

Environmental Impact: Reduction of the building's total lifetime carbon footprint by 11,503 metric tons of CO2 equivalent



Property Owner:
Industrial Metals
Manufacturing, LLC

Capital Provider:
CCG PACE Funding

QEP: Warren Energy

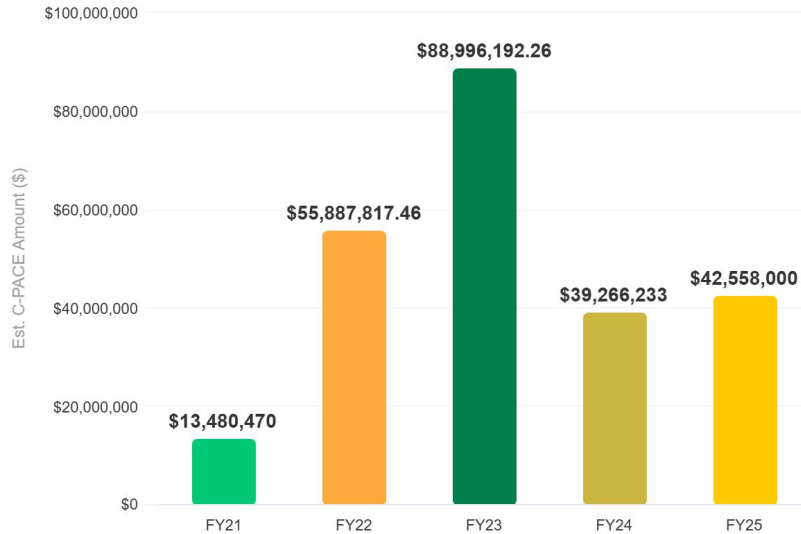


Image courtesy of Rhoads Industries

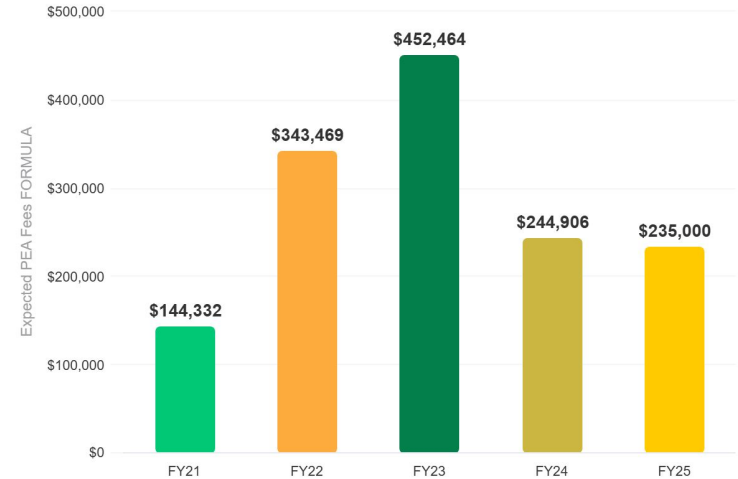
- \$32MM C-PACE financing for hard and soft costs of the energy efficiency upgrades for the substantial renovation of a portion of the footprint of the industrial facility
- 311K SF industrial facility located at 1900 Kitty Hawk Ave. in the Philadelphia Navy Yard. Built in 1919 by the U.S. Navy
- Energy savings calculations based on improvements above IECC-2018, Phila.'s energy code baseline and percentage of qualified project financed with C-PACE

C-PACE by the numbers

Projects Closed by Fiscal Year through
12/31/24



Program Fees by Fiscal Year through
12/31/24



Solarize Greater Philly - Commercial

- \$560K over 2 years from Wm Penn Fdn and Green Family Fdn
- Integrating PA Solar Center's "G.E.T. Solar" model with PEA's "Solarize" program for 5-county region
- Technical support to commercial property owners including for profit, gov't and nonprofits to install solar and maximize all available incentives and funding
- Focused outreach to low income and disadvantaged communities

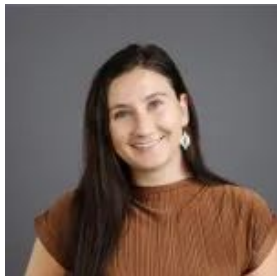


Solar on Olde City Day School, Germantown



Sharon Pillar,
Founder and E.D.

Leo Kowalski,
Director of
Transformation



Alexis Takoushian,
Program Manager



Amelia
Eggan,
Assistant
Director,
Outreach and
Strategy



Lisa Shulock,
Director of
Commercial
Programs

Outreach
Manager

To be
hired -
[apply now!](#)



Alon Abramson,
Vice President
of Programs

PGCC

- Entering into loan agreement with Coalition for Green Capital to bring Greenhouse Gas Reduction Fund dollars to PA - will allow PGCC to set up its first commercial loan products
- RFI for eligible projects to fund closes on 1/31
- Continuing to plan for Solar For All program launch in Summer 2025

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