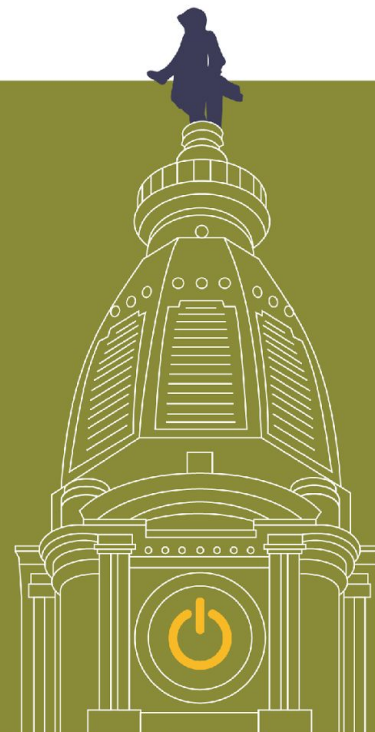




Board Update – Q3 FY24

May 8, 2024

Emily Schapira, *President & CEO*



Organizational Updates

- Upcoming Positions
 - Program Manager, Good Jobs Challenge
 - Business Engagement & Career Coordinator
 - Compliance Manager
 - Operations Manager
- New Hires
 - Abby Rambo, Solar for All Director (PGCC)
 - Shailean Hardy, Residential Progs Coordinator (PEA)

Energy Campaign Update

Since 2016:

\$900+ million

in clean energy investments



**7,000+
jobs
created**

In 2023 alone, the campaign generated
\$500+ million
of investment.

PHL City Council

City Council

- Carbon Neutrality Hearing
 - [March 4](#)
- Budget Hearing
 - [April 10](#)
- Solar Schools Resolution Passage and Press Conference
 - [April 18](#)
- Adams Solar Press Event
 - April 30



Federal

U.S. Treasury Visit

Treasury's IRA Chief Implementation Officer, Laurel Blatchford, members of the Treasury Advisory Committee on Racial Equity, and former Mayor Michael Nutter visited a Built to Last Home and GRIT Program at ECA in April 2024



IRA Funding Awards Announced & Submitted

- **Awarded - Greenhouse Gas Reduction Fund (PGCC)**
 - SFA - \$156MM to PA - PGCC expects to deploy \$70MM in SEPA
 - NCIF & CCIA - \$395MM in clean energy financing to SE PA
- **Submitted - CPRG (PEA)**
 - \$199MM for SE PA, with \$41MM to PEA/PGCC

Biden-Harris Administration Announces Pennsylvania Energy Development Authority to Receive over \$156 Million to Deliver Residential Solar, Lowering Energy Costs and Advancing Environmental Justice Across Pennsylvania

EPA announces selectees under Greenhouse Gas Reduction Fund grant competition to deliver solar to low-income and disadvantaged households through the President's Investing in America agenda

Biden-Harris Administration Announces Pennsylvania Energy Development Authority to Receive over \$156 Million to Deliver Residential Solar, Lowering Energy Costs and Advancing Environmental Justice Across Pennsylvania

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PHILADELPHIA (April 22, 2024) - Today, as the Biden-Harris Administration celebrates Earth Day, the U.S. Environmental Protection Agency announced Pennsylvania Energy Development Authority has been selected to receive over \$156 million through the Solar for All grant competition to develop long-lasting solar programs that enable low-income and disadvantaged communities to deploy and benefit from distributed residential solar. This award is part of the historic \$27 billion Greenhouse Gas Reduction Fund, which was created under President Biden's Inflation Reduction Act to lower energy costs for families, create good-quality jobs in communities that have been left behind, advance environmental justice, and tackle the climate crisis.



IRA Applications Underway

- **Community Change Grant**
 - PEA supporting \$20MM CBO-led application for Philadelphia
 - Residential home repair + workforce-focused project in Kensington
 - Partnering with 7 organizations
 - Rolling application through Nov 2024
- **Zero Energy Codes & Building Performance Standards**
 - PEA advising City for \$20MM application
- **Support on Clean Ports**
- **Clean Heavy Duty Vehicles**
- **Renew America's Schools**

IMPACT



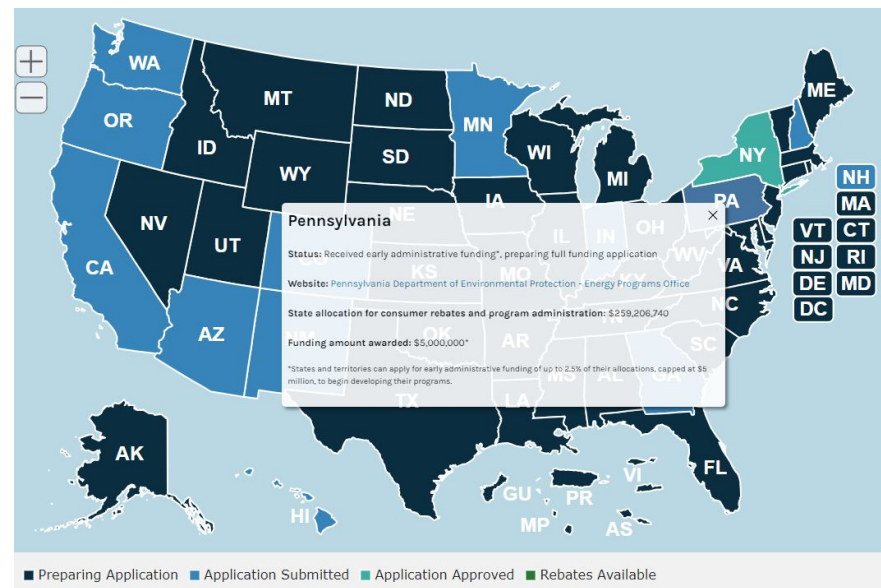
IRA Next Steps

- **Prepare for Tax Credits**
 - Philadelphia MSA designated as an “Energy Community” opening a 10% tax credit bonus for ITC & PTC IRA tax incentives
- **Prepare for Elective Pay - Lighthouse Cohort participation with City of Philadelphia & SDP**



WORLD
RESOURCES
INSTITUTE

- **Prepare for Residential Rebate launch - \$259MM in PA; late 2024**

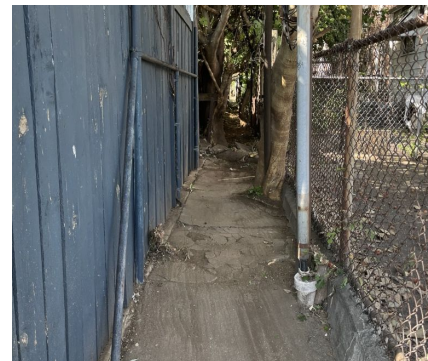


Philly Streetlight Improvement Project

- **32,000 fixtures**
installed/connected to
management system (~24%)
- Alleyway clearing with Future
Track underway >>
 - Installs following behind in
2nd and 3rd Council
Districts
- Installed fixtures + two-week
look-ahead [map live](#)



Before



After

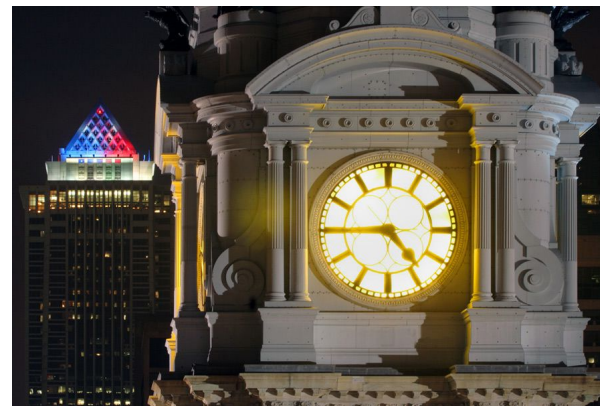
Adams Solar

- **Fully operational!**
 - Single project supplies 25% of clean electricity needed for municipal operations
- April 9 site visit
- April 30 Press Kickoff with Mayor Parker
- [KYW](#) and [Inquirer](#) coverage



Municipal Energy Projects

- Quadplex+ GESA RFP
 - Proposals received February 9th
 - RFP for Owner's Representative released on February 27th; closed on March 8th
 - Owner's Rep to support GESA project through completion including ESCO selection(s)
- Utility-scale off-site renewables PPA
 - Released on April 30th at press event w/Mayor
 - ~3x the size of Adams Solar
 - Could incorporate SDP & PGW need
- Other City solar procurement opportunities



Phase 7 (2023)



Phase 7 Goals

- **LMI Residential:** 250 homes
- **Market Rate Residential:** 500 homes

Phase 7 Contracts Signed

- **LMI Residential:** 876 (75% of all Contracts)
- **Market Rate Residential:** 292
- **Total:** 1168 homes, biggest year ever



Phase 8 (2024)



Phase 8 Goals

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

Phase 8 Contracts Signed

- **LMI Residential:** 284 (91% of all Contracts)
- **Market Rate Residential:** 29



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

1,932

10.59 MW

\$36+ million

40,000+

290

2024

313

1.72 MW

\$6+ million

7,000+

53

Total

3,024

16.26 MW

\$57+ million

57,000+

441



EPA ANNOUNCES OVER \$156MM SOLAR FOR ALL AWARD TO PENNSYLVANIA

The award will be made to the Pennsylvania Energy Development Authority (PEDA) as the lead applicant of a two-member coalition that includes the Philadelphia Green Capital Corporation (PGCC).

PGCC will manage tens of millions of dollars for Solar For All in Southeastern Pennsylvania to deploy residential solar to thousands of households, bolster workforce development programs, and support PEDA in setting up a program to serve the rest of the Commonwealth.



Join PECO's virtual Solar Collaborative Meeting

Please RSVP



PECO's solar collaborative meeting will be virtual from noon to 2 p.m. on Wednesday, February 21, 2024.







EARTH WEEK | APRIL 2024

BUILDING A SUSTAINABLE FUTURE



MONDAY 22	TUESDAY 23	WEDNESDAY 24	THURSDAY 25	FRIDAY 26	SATURDAY 27
6-7pm Residential Solar 101: Learn How to Go Solar at Home! Via Zoom	7am-8pm Primary Election Day Register to vote before April 8th!	6-8pm Women in Energy Mixer Location TBA	1-2pm Earth Week Press Event Location TBA 3:30-6pm ECA Tour + Learn About PEA! Energy Coordinating Agency	8:30-11am Philly's Black Development Community Goes Green Germantown P4 Hub 4-6pm Community Planting FDR Park	12-6pm Green Philly EcoFair Cherry Street Pier

Register for events at:
[philaenergy.org/event/
earth-week-2024/](https://philaenergy.org/event/earth-week-2024/)



City Hall, Room 566
215.686.4483
solarize@philaenergy.org





American Water Resources Partnership

- 88K customers in flagship Water and Sewer Line Protection Program
- 29K+ enrolled in new protection products
- \$65MM+ saved in repair costs for consumers
- 76% of claims to date serviced by M/W/DBE contractors
- 10% of all claims had an NOD from PWD - majority of infrastructure repairs are self-identified
- 5,000/month calls handled, 95% Customer Satisfaction

BSF Young People

- Winding down Frankford HS program, will move some equipment to Mayfair
- Frankford/Mayfair Summer Program and Capstone (July 8 - Aug 2)
 - High Schoolers wrap up their BSF experience teaching Solar 101 to Middle Schoolers at Mayfair
 - Mayfair kids begin to incorporate solar into building trades curriculum, added drone instruction this year.
- Fall 2024 rollout of Mayfair integrated solar curriculum, goal of Fall 2025 for relaunch of BSF at a new CTE high school.





Green Retrofit Immersive Training (GRIT)

2024 funding from PA College of Technology

- **Cohort 4:** March 11- July 15
 - Received 94 applications
 - 24 participants currently enrolled
 - ***New: 3-day paid orientation prior to program start date***
 - ***New: Partnership with Beyond Literacy for soft skill and professional development training***
- **Cohort 5:** June 3 - October 4
 - **Application now live, closes 5/24/2024**



GREEN RETROFIT IMMERSIVE TRAINING (GRIT) PROGRAM



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

Program runs June 3 - October 4, 2024 | Monday - Friday, 9 AM - 3 PM

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

Training Location

106 W. Clearfield St. Philadelphia, PA 19133
(Monday-Thursday)

Additional Participant Support each Friday throughout the training

Requirements

- Philadelphia Residency
- 18 years or older
- High School Diploma or GED required
- Pass physical assessment
- Completion of 3 day **paid** orientation prior to program start date on **5/28, 5/29, 5/30**

Sign up:

Application closes on: May 20, 2024

<https://forms.gle/HZD1pN26bVZbM76x8>



For additional assistance:

Call **215-385-3884** or Email workforce@philaenergy.org



Bright Solar Futures Program (OppY)

Partnership w/ PowerCorpsPHL

Cohort 5: January 2nd, 2024 - February 23rd, 2024

- All 9 participants successfully completed the training portion of the program
 - Graduation held at Solar States
- Upon internship completion, PEA will assist with supporting job placement

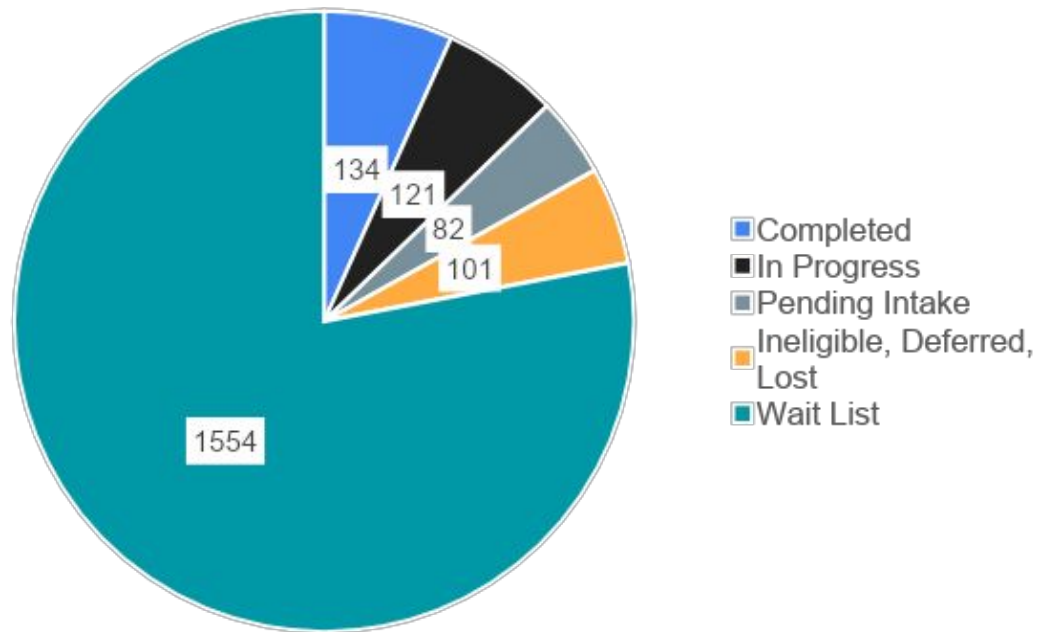
Cohort 6:

- 8 weeks of training + 6-week paid internships
- Training Dates: February 26th-April 19th
 - 8 participants total completed training portion
- Internship Dates: April 22nd – May 31^s



Cohort 5 Graduation

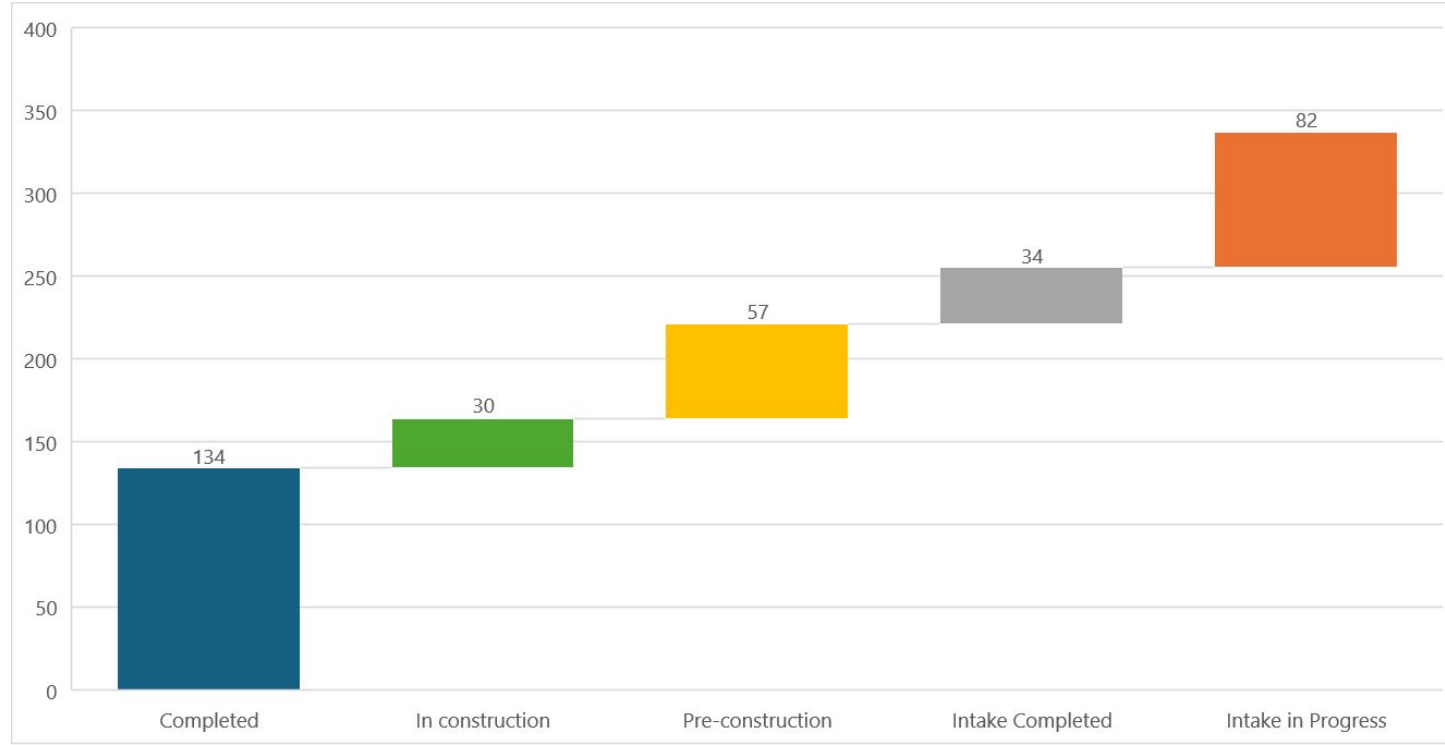
All projects (1,992 total)



Q3 Highlights

- Rolled out Salesforce updates
- Released RFQ for General Contractors to increase construction capacity
- Ongoing DOE-funded research project

Program Progress (337 projects)



Governor Shapiro Home Visit



Before



After



Before



After



C-PACE Program

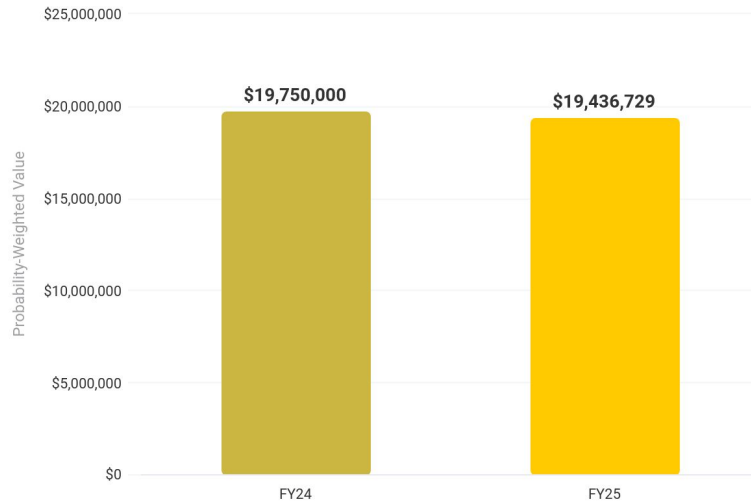
- No deals closed in FY24-Q3; 1-2 deals likely to close in FY24-Q4
- C-PACE market reflecting overall CRE slow down
- Strategies to increase uptake:
 - Engage marketing consultant
 - Focus outreach efforts on existing building upgrades (just launched Building Decarb in a Box with PGCC & partners)



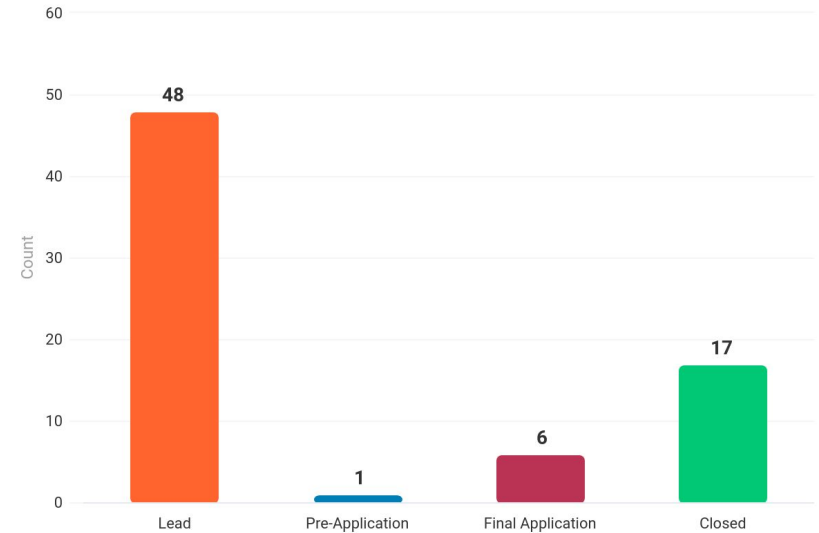
"Philadelphia's Black Developers Go Green" on 4/26/24

C-PACE Pipeline Update

Probability Weighted Average of Pipeline
As of April 24, 2024



Projects in Pipeline by Stage
As of April 24, 2024



\$156M for Solar For All Awarded to Pennsylvania!

~\$70M to be deployed into Southeast PA by PGCC

- Remaining funds to be deployed by Pennsylvania Energy Development Authority (PEDA), the state green bank, across the rest of the Commonwealth
- **14,000 households** across PA are estimated to benefit from PA SFA program



Bringing solar energy to Southeastern Pennsylvania isn't just about power; it's about empowering communities. By embracing solar for all, we're not only reducing carbon emissions but also creating local jobs, lowering energy costs for residents, and fostering a more resilient and equitable future for all.

-Maryrose Myrtetus, PGCC Executive Director



Greenhouse Gas Reduction Fund Updates

EPA awarded \$20B across 8 recipients for National Clean Investment Fund (NCIF) and Clean Communities Investment Accelerator (CCIA)

- PGCC supported 3 applicants and expects to request up to \$385M
- With this funding, PGCC will fill key market gaps, attract private/philanthropic capital, and mobilize lenders and community partners to accelerate the region's deployment of clean energy investment
 - installing solar panels across the Philadelphia region's schools)
 - expanding public access to electric vehicle charging infrastructure
 - supporting technical assistance and financing for existing commercial and community building energy efficiency retrofits



PGCC Operations & Fundraising Updates

- Welcome Abby Rambo, PGCC's new **Solar For All Director!**
- **\$100K grant** from Nathan Cummings Foundation to support start-up costs, staff capacity, and operations & maintenance reserve for new solar lease product
- **\$159K grant** from Green Family Foundation for operations and capacity building in advance of receiving GGFRF/other large growth funding
- New Built to Last RFQ for General Contractors to perform residential habitability, health, energy efficiency and accessibility repairs and services - **proposals due by Friday May 17th at 5pm**

Contact

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