

**Clean Energy NOW for PA:
30% Renewable by 2030 + Community Solar**



Quaker Action Mid-Atlantic Region

September 18, 2023

www.QuakerAct.org

Quaker Action Mid Atlantic Region (QAMAR)

- Quaker Action has been incorporated as a 501 c-4 to enable f/Friends to engage more actively and effectively in public policy at the state and local levels across the Mid-Atlantic region.
- Initial priorities are Climate Action, Environmental Justice and Gun Violence
- Majority of the Board are Friends, but also includes others
- We are still setting up the organization and need your involvement.

Join us: www.QuakerAct.org

Donate

PA lags behind in Renewable Energy

Alternative Energy Portfolio Standard (AEPS) Regional Renewable Energy Goals

In 2004 all PA electric utilities were required to purchase 8% renewable energy in their generation mix (portfolio) by May of 2021. Included in that 8% is 0.5% solar.

The AEPS has two Tiers:

Tier 1 = Renewables: wind, hydro, solar = 8%

Tier 2 = Municipal Solid Waste (MSW),
Waste Coal, and others = 12%



HB1467 & SB230 will renew and expand the PA

AEPS:

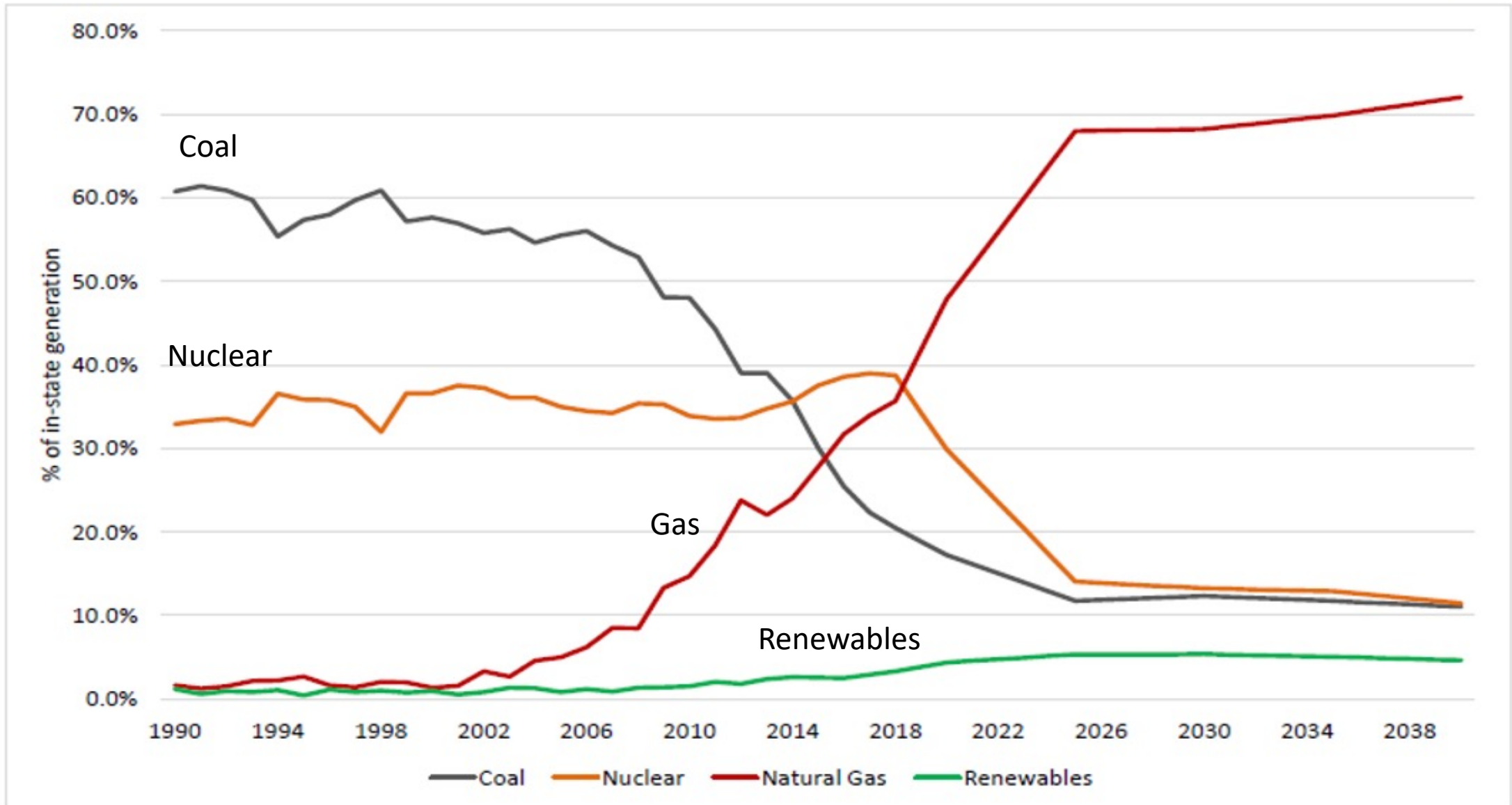
30% by 2030

30% goal will increase local solar from 0.5% to 14%, as follows:

- 8% from Grid Scale Solar (large scale)
- 2% from Community Solar
- 4% from Customer Generators, i.e. rooftop and other on-site solar

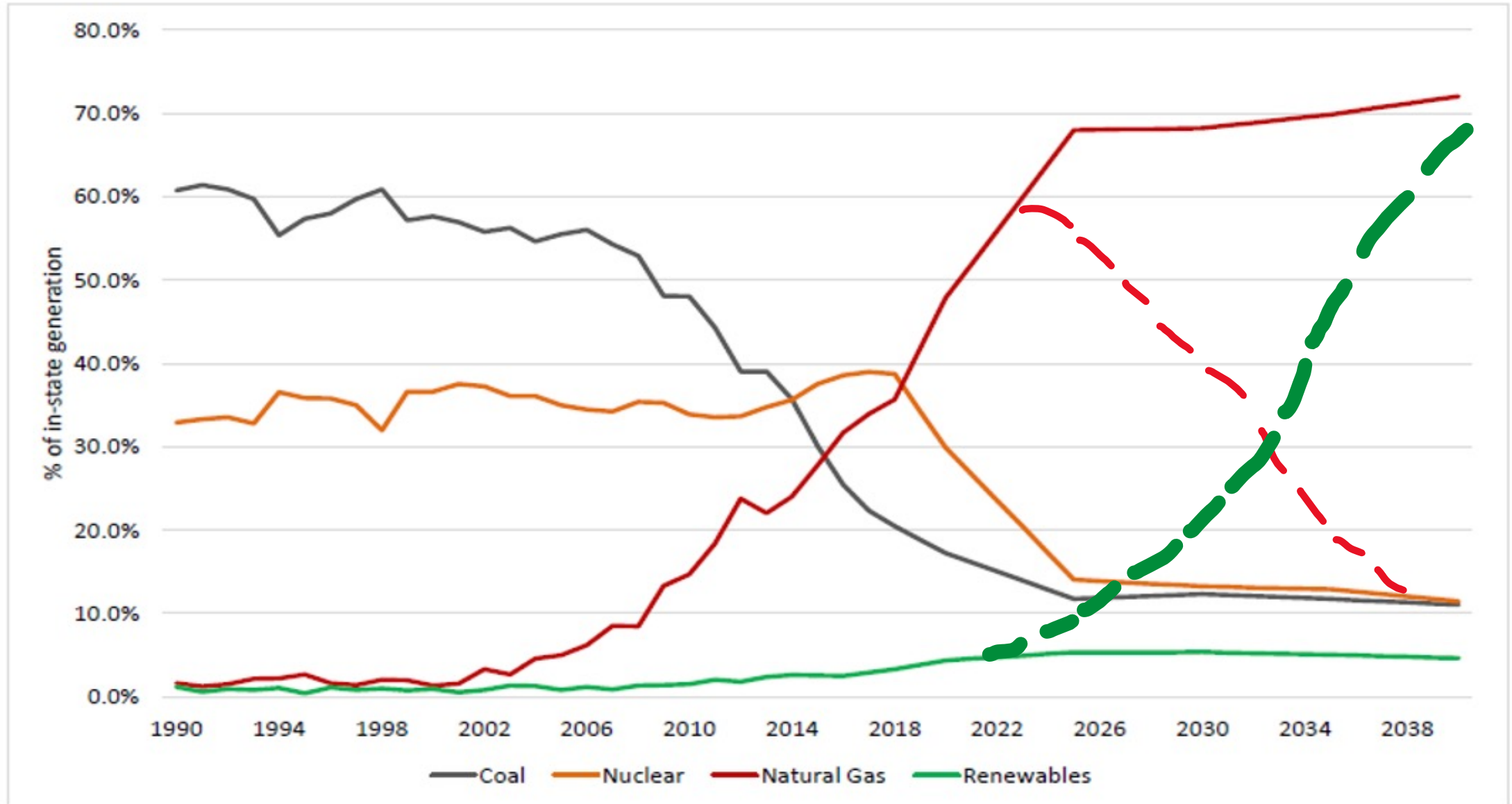
The remaining 16% will be wind, hydro, clean biomass or other renewables and may be purchased from other states.

PA Generation Mix Forecast (Business as Usual (BAU))



Natural Resources Defense Council's power sector modeling.

Generation Mix Needed to reach 80% GHG Reduction by 2050 (not BAU)



NOTE: The dotted lines are shown for illustrative purposes only.

Benefits of AEPS 30 x 30 (HB1467)

- **Economic Development:** \$9 Billion in private investment and \$5 Billion in local PA benefit
- **Job Creation:** with just 10% solar, PA sees 65,000 + new jobs
- **Energy Diversification** increases grid resiliency and price stability
- **Electricity Cost Savings for Everyone:** Just 5% solar on the grid starts to decrease cost of electricity for everyone. Solar is now cheaper.
- **Electricity Price Stability:** Solar energy has no fuel cost.
- **Farm and Land Preservation:** Farmers lease land for solar & wind dev't. Preserves family farms and keeps land in agricultural use.

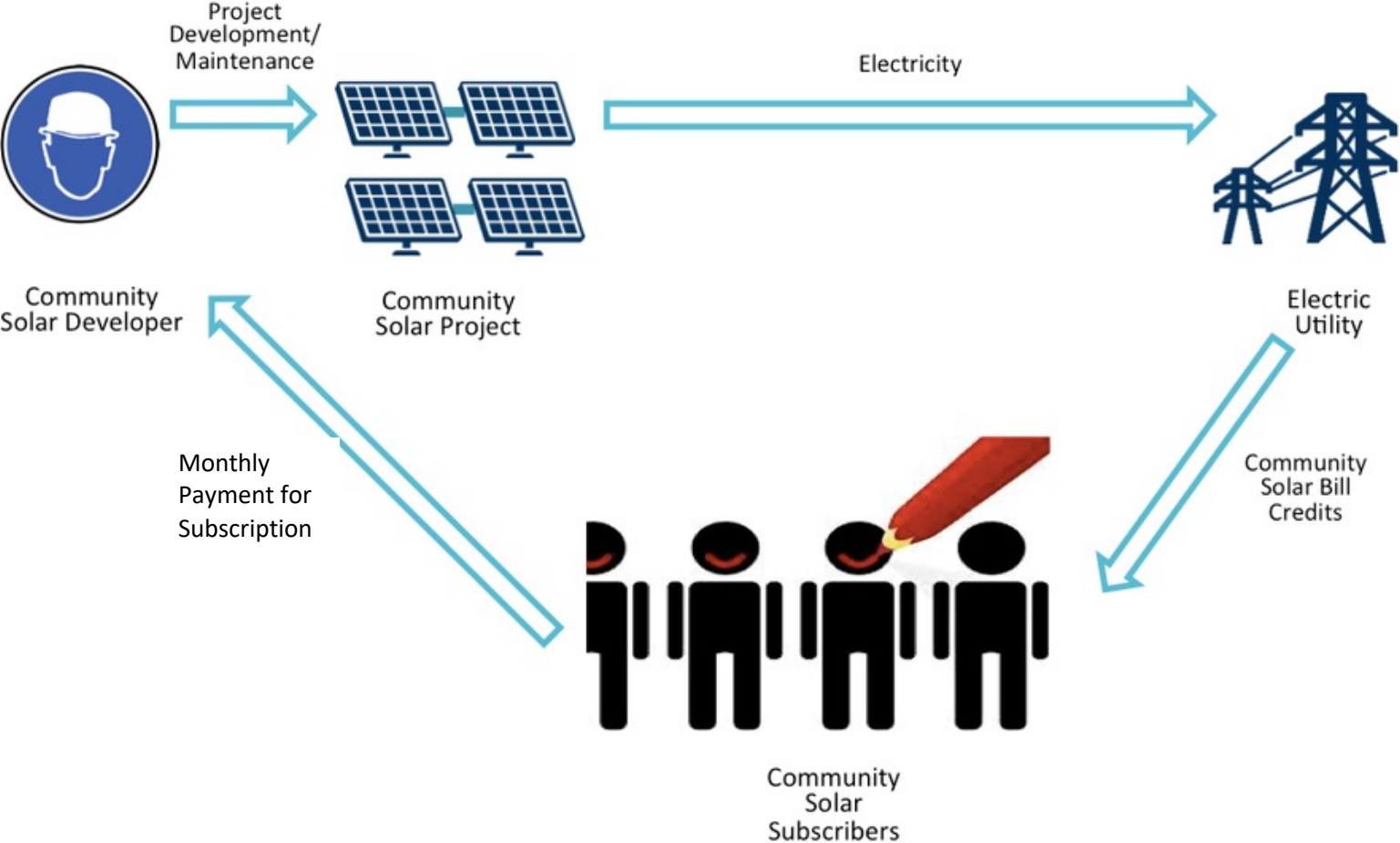
Community Solar

70% of Americans cannot put solar on their homes: too much shade, they rent, lack of capital etc.

Community Solar allows customers to subscribe to a piece of a larger, shared solar system.



How does community solar work?



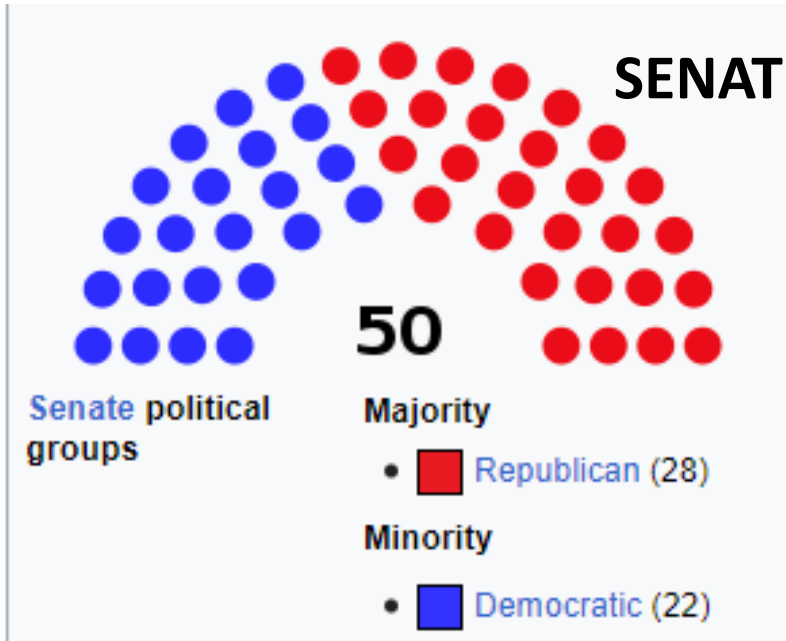
Political Analysis

- Gov. Shapiro's Top Clean Energy Priority is 30% by 2030
- PA House of Representatives 102 D to 101 R
- Senate 22 D to 28 R
- Utilities

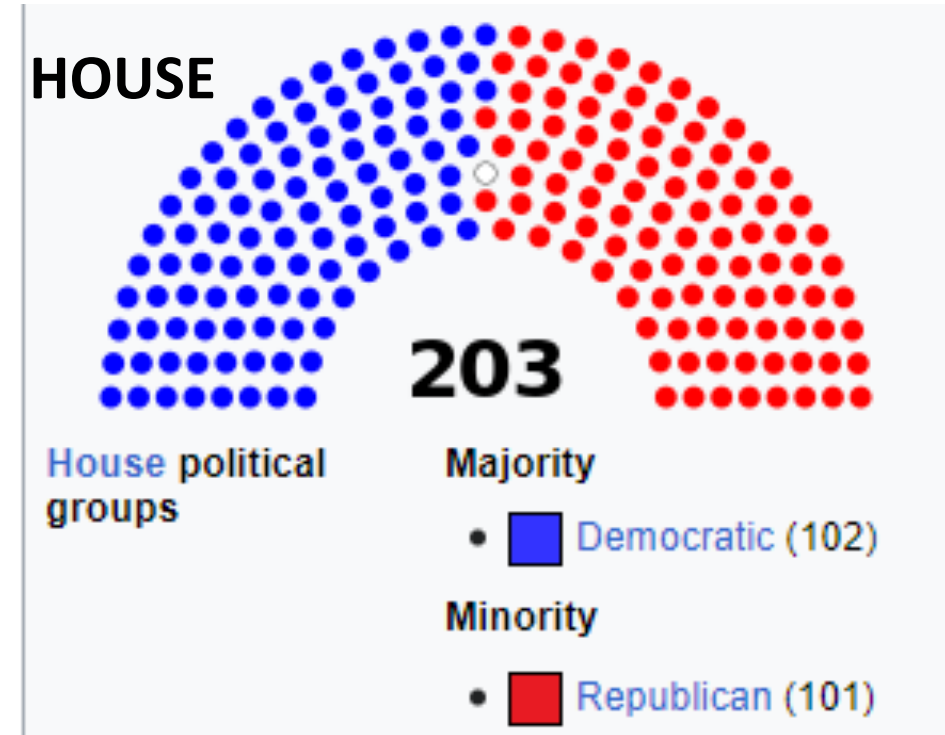
Path to Success is Long

- Get the bill passed in the House, then work for passage in the Senate
- If Regional Greenhouse Gas Initiative is implemented it will reduce GHGs
- If the AEPS passes it will increase renewables. **We need both.**

PA Balance of Power



Kim Ward, Majority Leader



Joanna McClinton, Speaker

How do we make this a Reality?

1. Need more co-sponsors for [HB 1467](#) and [SB230](#)
2. Need 102 Yes votes in the House

Call your PA State Rep Today and ask him/her to cosponsor HB 1467
If they have already cosponsored, send an email, thanking them.

Find Your Legislator:

<https://www.legis.state.pa.us/cfdocs/legis/home/findyourlegislator/>

Current Co-sponsors

HB1467

Danielle	Otten
Timothy	Brennan
Timothy	Briggs
Johanny	Cepeda-Freytiz
Mary Jo	Daley
Elizabeth	Fiedler
Justin	Fleming
Dan	Frankel
Robert	Freeman
Gwendolyn	Green
Nancy	Guenst
Carol	Hill-Evans
Kristine	Howard
Sara	Innamorato (resigned)
MaryLouise	Isaacson
Tarik	Khan
Rick	Krajewski
Leanne	Krueger
Maureen	Madden
Napoleon	Nelson
Abigail	Salisbury
Ben	Sanchez
Michael	Schlossberg
Peter	Schweyer
Melissa	Shusterman
Greg	Vitali
Perry	Warren
Dan	Williams

SB 230

Steven	Santasiero
Amanda	Capaletti
Maria	Collett
Carolyn	Comitta
Jay	Costa
Jimmy	Dillon
Wayne	Fontana
Art	Haywood
Vincent	Hughes
Timothy	Kearney
Nick	Miller
Nikil	Saval
Judith	Schwank
Lindsey	Williams

Thank you

Quaker Action Mid-Atlantic Region

www.QuakerAct.org

Liz Robinson

lizhrob2@gmail.com