

THE PA RELIABLE ENERGY SUSTAINABILITY STANDARD (PRESS)

Governor Shapiro's Pennsylvania Reliable Energy Sustainability Standard (PRESS) will strengthen the state's standards for increasing the share of electricity Pennsylvania gets from renewable and other alternative energy sources. **Right now, only 3% of Pennsylvania's energy comes from clean, renewable sources.** That needs to change.

PRESS requires Pennsylvania to get 50% of its electricity from a diverse range of energy resources by 2035. This 50% share is divided into three tiers:

TIER I

35% from the renewable energy sources, which can include:

- Solar power, including utility-scale solar and distributed generation solar (like rooftop solar)
- Wind power
- Low-impact hydropower
- Geothermal energy
- Small Modular Reactors (SMR)
- Fusion energy
- Coal mine fugitive emissions
- Biogas energy

TIER II

10% from other sustainable energy:

- Demand-side management, such as energy efficiency improvements
- Large-scale hydropower
- Natural gas or coal using clean hydrogen (80%) co-fired blend or equivalent carbon intensity reduction technologies
- Non-solar distributed generation systems
- Combined heat and power
- Fuel cells
- Biomass energy
- 24-hour storage co-located with a Tier I resource.
- Tier I resources owned and located on a public school site

TIER III

5% from other alternative sources:

- Natural gas or coal using clean hydrogen (20%) co-fired blend or equivalent carbon intensity reduction technologies.
- Waste coal
- Municipal solid waste.
- Integrated combined coal gasification technology
- Generation of electricity utilizing by-products of the pulping process and wood manufacturing process.

Utilities are able to meet Tiers 2 and 3 with reliable Tier 1 sources located within Pennsylvania as well.

WHY DOES PENNSYLVANIA NEED PRESS?

Pennsylvania currently has a weak, outdated renewable energy standard that no longer delivers the incentives needed to encourage more clean, cheap, renewable energy. The resulting imbalance leaves Pennsylvania relying too much on costlier, dirtier, and less reliable energy sources like coal and fracked gas.

Only 3% of the energy generated in Pennsylvania comes from renewable energy, ranking the state 45th in the country, while nearly 65% comes from gas and coal. PRESS is needed because:

- Pennsylvania is relying too much on more expensive fracked gas. Our utilities need to diversify by using more renewable energy, giving Pennsylvanians greater energy freedom and cheaper, more reliable electricity.
- Utility prices have gone up 51% in recent years and the gas industry in Pennsylvania is making record profits. With most of Pennsylvania's energy coming from fracked gas, there's no break for Pennsylvania families and small businesses, who continue to face higher gas and electric bills.
- If we do nothing to push utilities to use more clean energy, families will continue paying more for their electricity bills, we won't create enough jobs, our electricity service will become less reliable, and we'll see more pollution and damage in communities already suffering from the impacts of climate change.

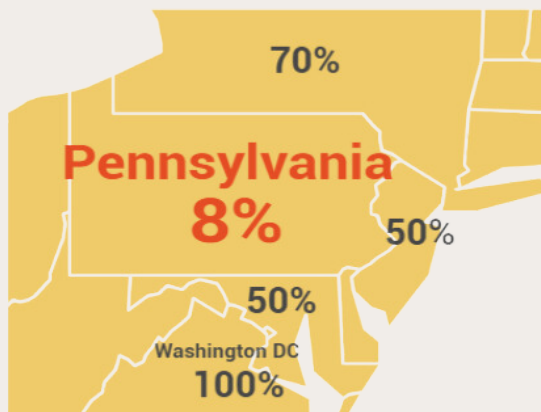
Twenty years ago, Pennsylvania became a clean energy leader when it enacted a state Alternative Energy Portfolio Standards (AEPS), requiring that 18% of PA's electricity come from various types of "alternative" energy, including 8% from renewable energy like solar and wind, by 2021. Pennsylvania reached its goal, but there has been no major update of the AEPS since its creation in 2004, so Pennsylvania has gone from leader to laggard in encouraging clean, renewable energy.

WHAT WILL PRESS DO?

By creating a more balanced energy mix, PRESS will:

- Create a more balanced power generation fleet to combat the threats of extreme weather and other challenges that can make our electricity less reliable
- Save consumers money each month on their electricity bills by building out the reliable, affordable fleet of power sources we need
- Attract federal and private investments in innovative clean energy development
- Create thousands of jobs and protect Pennsylvania's role as an energy leader
- Cut harmful pollution and ensure cleaner air and water to our communities

PRESS directly addresses PJM Interconnection's record-high power market auction prices by requiring Pennsylvania to increase its renewable energy portfolio to 50% by 2035. This will help protect consumers from volatile utility costs by reducing reliance on fossil fuels. With wind and solar already costing up to 50% less than fossil fuels, PRESS will drive utilities to adopt these affordable energy sources, helping to stabilize electricity bills and improve grid reliability.



OUR NEIGHBORS HAVE A HEAD START:

- Maryland requires 50% renewable energy by 2030
- New Jersey requires 50% renewable energy by 2030
- New York requires 70% renewable energy by 2030
- Washington D.C. requires 100% renewable energy by 2032.