



Problem

- PA is consistently ranked [last](#) or [second-to-last](#) in solar adoption, especially distributed (residential, light commercial, behind-the-meter solar). We generate [less than 1%](#) of our total electricity from solar, an embarrassing total when compared to our neighboring states.
- PA solar projects receive [lower SREC values](#) than neighboring states, also without any guarantee of future value (NJ and DE offer fixed SREC values)
- PA current AEPS only requires .5% of the total power in the state to be solar power generated. This means that hardworking Pennsylvania homeowners with solar systems receive far, far less for their SRECs than those in New Jersey.

Solution

- Updating the AEPS to 30by30 (or 40by40) with current legislation as a guide, will take the solar requirement from .5% to 14% of total power which is a 2800% increase in demand for solar energy.
- This will drive demand for solar projects and specifically support the value of Solar Renewable Energy Credits. Power providers will be forced to increase the amount of solar in their portfolios in a short amount of time. The easiest way to do this will be by purchasing SRECS from homeowners and solar system owners who are already producing power. The demand for SRECs will be greatly increased.

How do we know it will work?

- The average system payback period for PA homeowners currently hovers around 8-11 years. Because of the strong SREC market in New Jersey, NJ, homeowners' payback periods are much shorter, sitting around 4-6 years. Stronger SREC demand in PA will take solar project simple payback periods from 8-11 years, common in PA, to 5-8 years, which would spur many more homes and businesses to move forward with solar projects, create jobs, and put more money in the pockets of PA homeowners.
- The Federal IRA legislation bolstered the federal solar tax credit for 10 years, if PA moves strongly to further incentivize solar now during this window, this will be

the ideal way to leverage smaller state incentives alongside higher federal incentives, so there is significant leverage for PA to get a lot of value out of a small incentive

Why updating the AEPS matters

- Decarbonization - the reality of climate change is less controversial than ever, and we need to act now
- Allows Pennsylvania Homeowners to pay down their systems 40-50% faster.
- Job Creation - solar jobs are high-paying, high-quality careers for a wide range of PA residents including those without college degrees
- Energy Independence - increased self-reliance, hedging against higher utility and general inflation for homes and businesses
- Help businesses save money long term, allow them to reinvest in other capital projects and hiring programs to grow and sustain their businesses

Who are we, and why do we know all of this?

- Exact Solar is the 10th largest PA-based solar installer. We've been around for 18+ years, operating in Bucks County. We're a [winner of Best of Bucks and Best of Philly](#), and we currently have 40+ employees
- Since our founding, we've installed over 2,000 residential solar projects. With more than 400 five-star reviews, we're one of the most well-regarded solar companies in Pennsylvania.