

Why Switch to Solar Energy in 2019?

Federal Tax Credit – A Federal tax credit of 30% of the system cost is available for any system under construction by the end of 2019. Projects can take as long as a year from start to finish -- make sure you get started soon -- so that you can meet this construction deadline.

Accelerated Depreciation – Under the new federal tax bill, solar projects can now be fully depreciated in year one.

Lock in Your Energy Costs – The effective cost of solar over the life of the system is typically \$0.02 to \$0.04 per kWh, including financing and O&M costs. Average electricity rates for business in PA today are \$0.06 to \$0.10 per kWh, and will rise over time. Solar allows you to reduce costs and volatility over time.

Good Return on Your Investment – Solar allows you to collect the value from the sun that otherwise goes wasted each year, or worse -- wears down your roof with its damaging UV rays. A solar array is a “collector of value” on your roof, with a typical internal rate of return of 10 to 15% on this investment.



Acting on your solar project Today (30% ITC)



Acting Later with Future Reduction in ITC (10% ITC)

EST. 500 kW Project Cost

\$825,000

\$825,000

Federal ITC

\$247,500

\$82,500

EST. 30 Year Energy Savings

\$1,749,397

\$1,749,397

EST. 30 Year Cumul. Return ⁽¹⁾

\$2,290,768

\$2,125,768

Project IRR

12%

9%

(1) Includes depreciation benefits and O&M costs.