

# 2018 Governor's Energy Summit Renewable Energy Panel

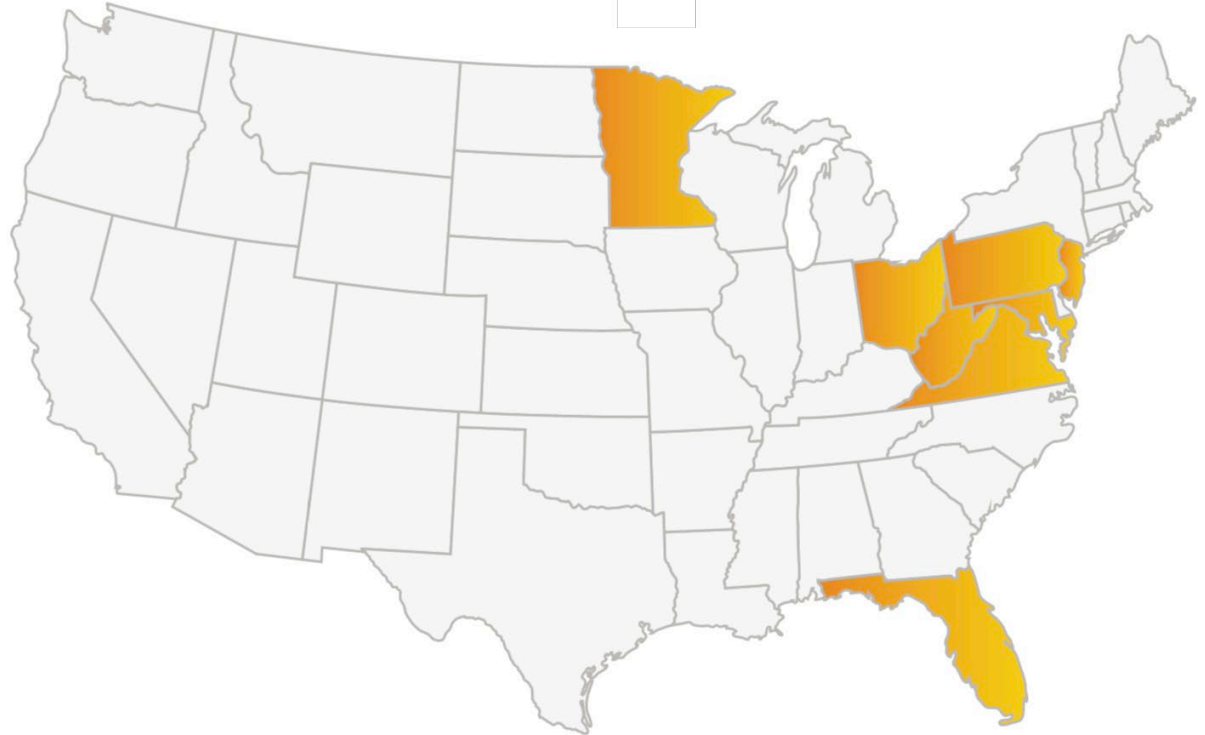
Oct 11, 2018



# Who We Are



**D.C.**  
**Florida**  
**Maryland**  
**Minnesota**  
**New Jersey**  
**Ohio**  
**Pennsylvania**  
**Virginia**  
**West Virginia**



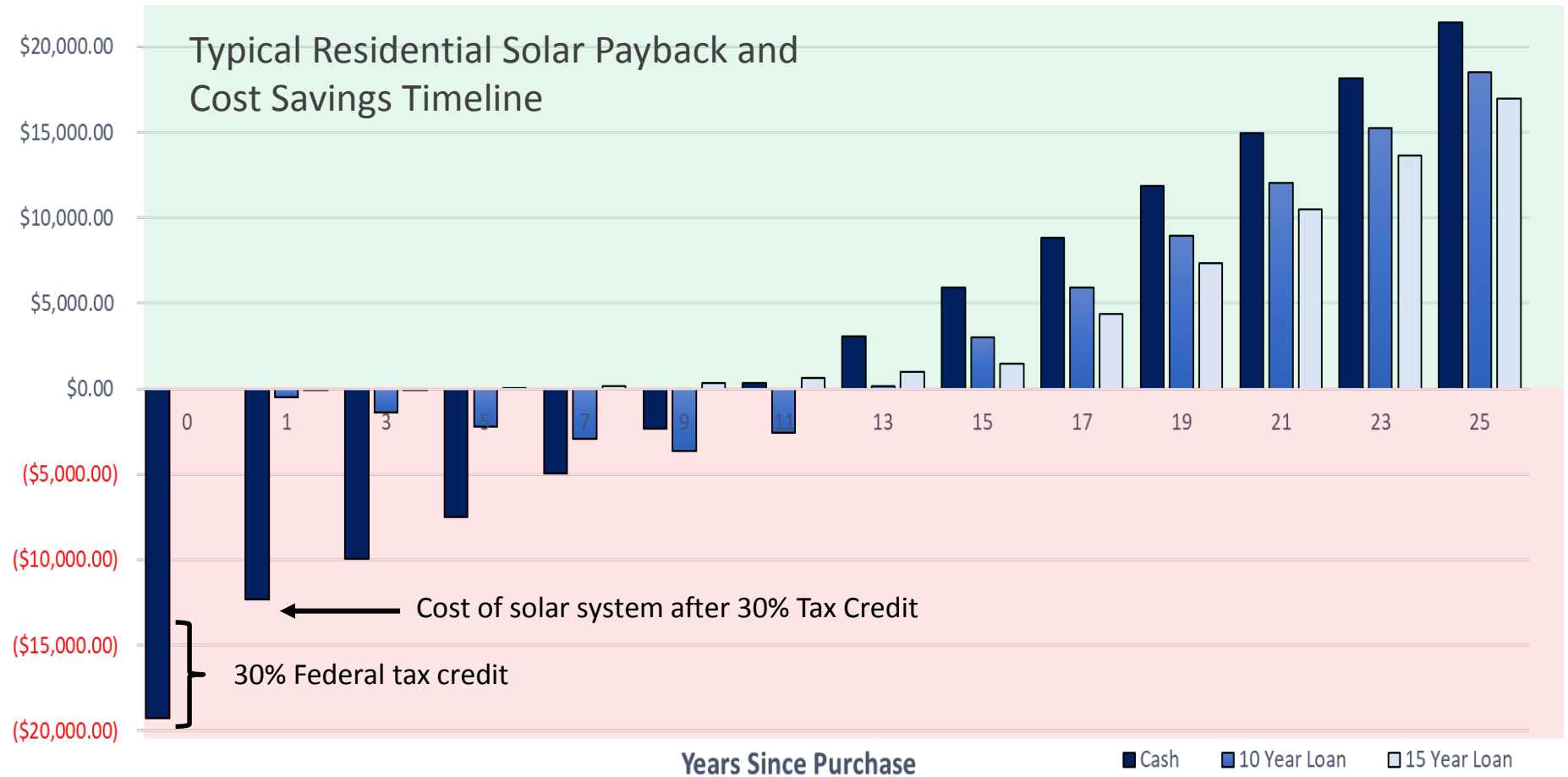
We represent solar owners and supporters across the country, and have on-the-ground staff in nine states.



# How can solar benefit West Virginia?

1. **Save money on energy costs**
2. **Create good local jobs**
3. **Spur economic development**
4. **Attract employers to locate and invest in our state**

# 1. Save money on energy costs



## Assumptions

SRECs not included, 2% energy increase per year, 7kW System Size, Base Price \$2.75/W, 1336 yearly production of 1kW, \$0.1243 starting electricity rate, -0.5% panel degradation per year, 4% Interest rate on loan, 70% of cost covered by loan, \$0 Operations and Maintenance over system lifetime



## 2. Create good local jobs

**Fastest-growing occupation in the nation**





# 3. Spur economic development

1. 8,600 solar companies nationwide
2. 1,828,000 solar systems installed
3. 58.3 GW of installed solar capacity
4. >250,000 American jobs in solar

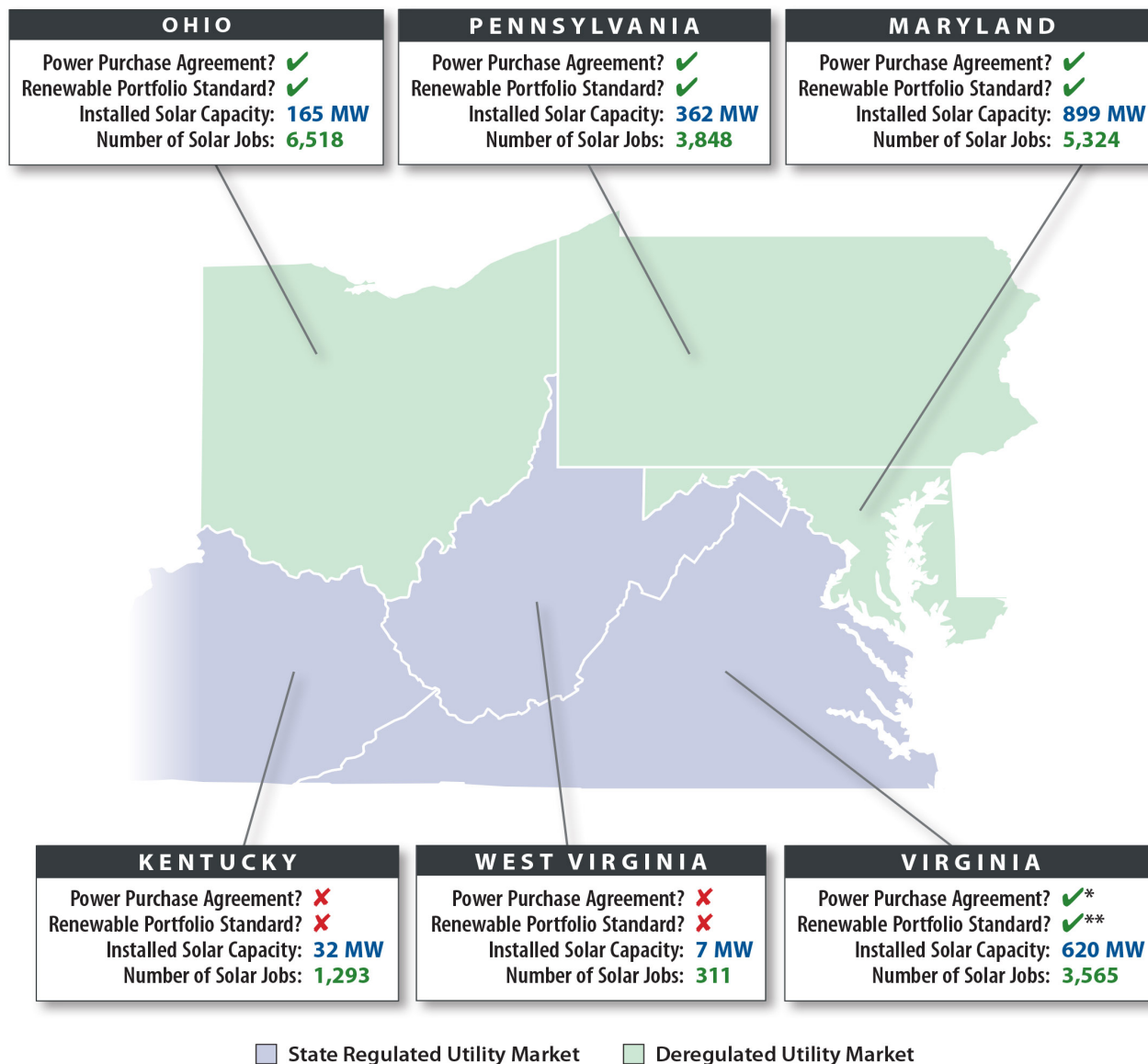
Sources: <https://energy.gov/downloads/2017-us-energy-and-employment-report>;  
<https://solarstates.org/#states/solar-jobs/2016>; <https://www.seia.org/>



# 4. Attract employers and investment



# Whither the Mountain State?



\* In Dominion Energy's service area, solar PPAs are limited to commercial-scale projects; small rooftop units are limited to nonprofit organizations. In Appalachian Power's service area, solar PPAs are limited to private colleges and universities.

\*\*Virginia has a voluntary renewable portfolio standard.

Sources: Center for Biological Diversity's *Throwing Shade: 10 Sunny States Blocking Distributed Solar Development* (April 2018). The Solar Foundation's Solar Jobs Census 2017.

<https://www.solarstates.org/#states/solar-jobs/2017>.





**Thank you!**

**[www.solarunitedneighbors.org](http://www.solarunitedneighbors.org)**

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