

MARYLAND RENEWABLE PORTFOLIO STANDARD



MDV-SEIA



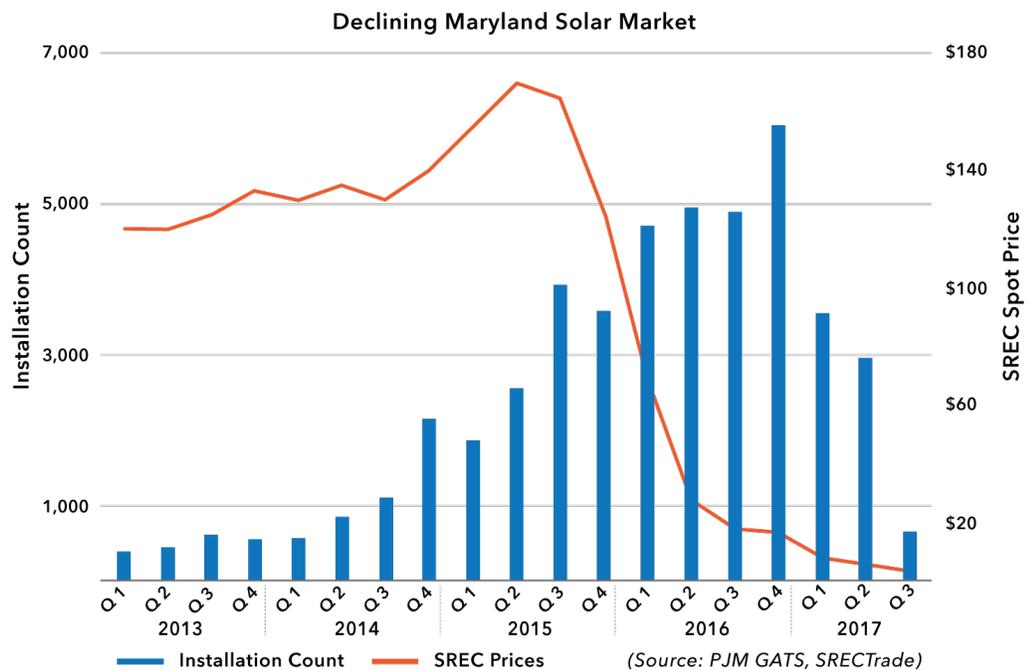
PROTECT MARYLAND'S SOLAR JOBS INCREASE THE RPS AND SOLAR CARVE-OUT

MEET THE MARYLAND SOLAR INDUSTRY:

- Over **5,400 solar workers** in 2016
- They are: rooftop installers, sales managers, electricians, skilled technicians, engineers, and other full time workers
- Nearly **\$2.3 billion in solar investment since 2007**, deploying enough solar for over 90,000 homes per year
- The national median wage for a solar installer is **\$26 per hour**

MARYLAND IS LOSING SOLAR JOBS

- There is a 41% decline in Maryland solar installations from 2016, accompanied by the slowest growth rate in the region at -61%
- The Maryland solar industry proved to be more successful than even the most aggressive estimates from 2011
- The Maryland Renewable Portfolio Standard (RPS) that supported solar isn't keeping up, and now restricts future solar growth
- Installers and developers are laying off employees and/or shifting focus to other states with better markets



WHAT HAPPENS IF WE DO NOTHING?

The solar decline **will** continue, with Maryland losing more jobs and investment. Unless the solar targets in the RPS are increased, there will be low demand for solar. Solar will only be available for those who can afford it.



CREATE THOUSANDS OF JOBS AND ATTRACT INVESTMENT

- *Maryland's Climate Action Plan found that the existing RPS is expected to produce \$6.4 billion to \$6.6 billion in net economic output, and \$4.3 billion in wages over the lifetime of the program*
- *63% of the combined Fortune 100 and Global 100 companies have set a renewable energy goal, a greenhouse gas reduction goal, or both*
- *The solar industry supports men and women of all education and vocation levels, from the rooftop installer in Baltimore to the project manager on the Eastern Shore*

HOMES AND BUSINESSES SAVE MONEY

- *Investing in solar drastically reduces electric bills*
- *Solar protects communities from rising energy costs and provides an opportunity for homeowners to potentially boost property values*
- *Businesses can lock in low electricity prices for years by investing in a solar array*

ENSURE SUCCESSFUL COMMUNITY SOLAR

- *Maryland created a 3 year pilot community solar program that expires in 2019*
- *Community solar makes it possible for anyone to access solar energy, including renters and low income residents*
- *The current RPS market is a barrier to low and medium income residents participating in community solar*
- *A successful community solar pilot will ensure that all Maryland residents have access to solar*

ENERGIZE JOB GROWTH

*A 50% RPS will spur an estimated **20,000 new Maryland jobs** through 2028*

POWER IS MONEY

*The 14.5% solar carve-out will lead to roughly **5,000 MW** in new, in-state solar installations*

