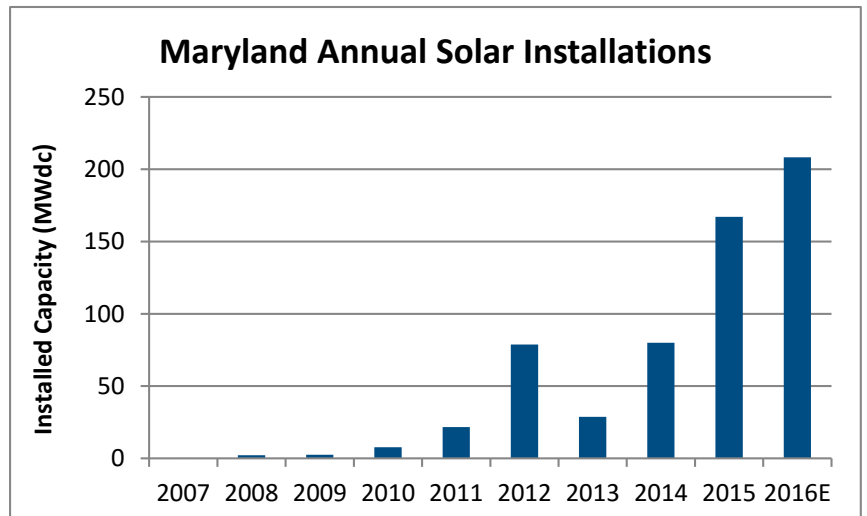


# Solar Spotlight: Maryland

## At a glance

- There are currently more than **183 solar companies**<sup>1</sup> at work throughout the value chain in Maryland, **employing 4,269 people**<sup>2</sup>. These companies provide a wide variety of solar products and services ranging from solar system installations to the manufacturing of components used in photovoltaic (PV) panels. These companies can be broken down across the following categories: 13 manufacturers, 2 manufacturing facilities, 86 contractor/installers, 17 project developers, 6 distributors and 61 engaged in other solar activities including financing, engineering and legal support.
- In 2015, Maryland **installed 167 MW of solar electric capacity**, ranking it 11th nationally. Installed solar capacity in Maryland has grown by 109% over the last year.<sup>3</sup>
- In 2015, **\$410 million** was invested on solar installations in Maryland. This represents a 86% increase over the previous year, and is expected to grow again this year.
- The **508 MW of solar energy currently installed** in Maryland ranks the state 11th in the country in installed solar capacity. Of this capacity, **238 MW** are residential, **207 MW** are commercial and **63 MW** are utility-scale. There is enough solar energy installed in the state to power 55,000 homes.
- Over the next 5 years, Maryland is expected to install **1,792 MW** of solar electric capacity, ranking the state 13th over that time span. This amount is **more than 5 times the amount of solar installed over the last 5 years**.
- Installed solar PV system **prices in the U.S. have dropped steadily**- by 12% from last year and 66% from 2010.



## Notable Projects

- **Mount St. Mary's University Solar Farm** was completed in 2012 by developer **First Solar**. This photovoltaic project has the capacity to generate **14 MW** of electricity-- enough to **power over 1,500 Maryland homes**.<sup>4</sup>
- At **20 MW**, **Maryland Solar Farm** in Hagerstown is among the largest solar installations in Maryland. Completed in 2012 by **First Solar**, this photovoltaic project has enough electric capacity to **power more than 2,200 homes**.<sup>5</sup>
- Several large retailers in Maryland have gone solar, including **Staples, Walmart, General Motors, Verizon** and **Kohl's**. **IKEA** has installed one of the largest corporate photovoltaic systems in the state with **4,875 kW** of solar capacity at their location in Perryville.<sup>6</sup>



<sup>1</sup> SEIA, National Solar Database, [www.seia.org/research-resources/national-solar-database](http://www.seia.org/research-resources/national-solar-database)

<sup>2</sup> The Solar Foundation, 2015 National and State Solar Jobs Census, [www.thesolarfoundation.org/solar-jobs-census/](http://www.thesolarfoundation.org/solar-jobs-census/)

<sup>3</sup> This and all other data in this section from SEIA/GTM Research *U.S. Solar Market Insight*

<sup>4</sup> SEIA, Major Solar Projects List, [www.seia.org/research-resources/major-solar-projects-list](http://www.seia.org/research-resources/major-solar-projects-list)

<sup>5</sup> Ibid

<sup>6</sup> SEIA, Solar Means Business, [www.seia.org/research-resources/solar-means-business-report](http://www.seia.org/research-resources/solar-means-business-report)