

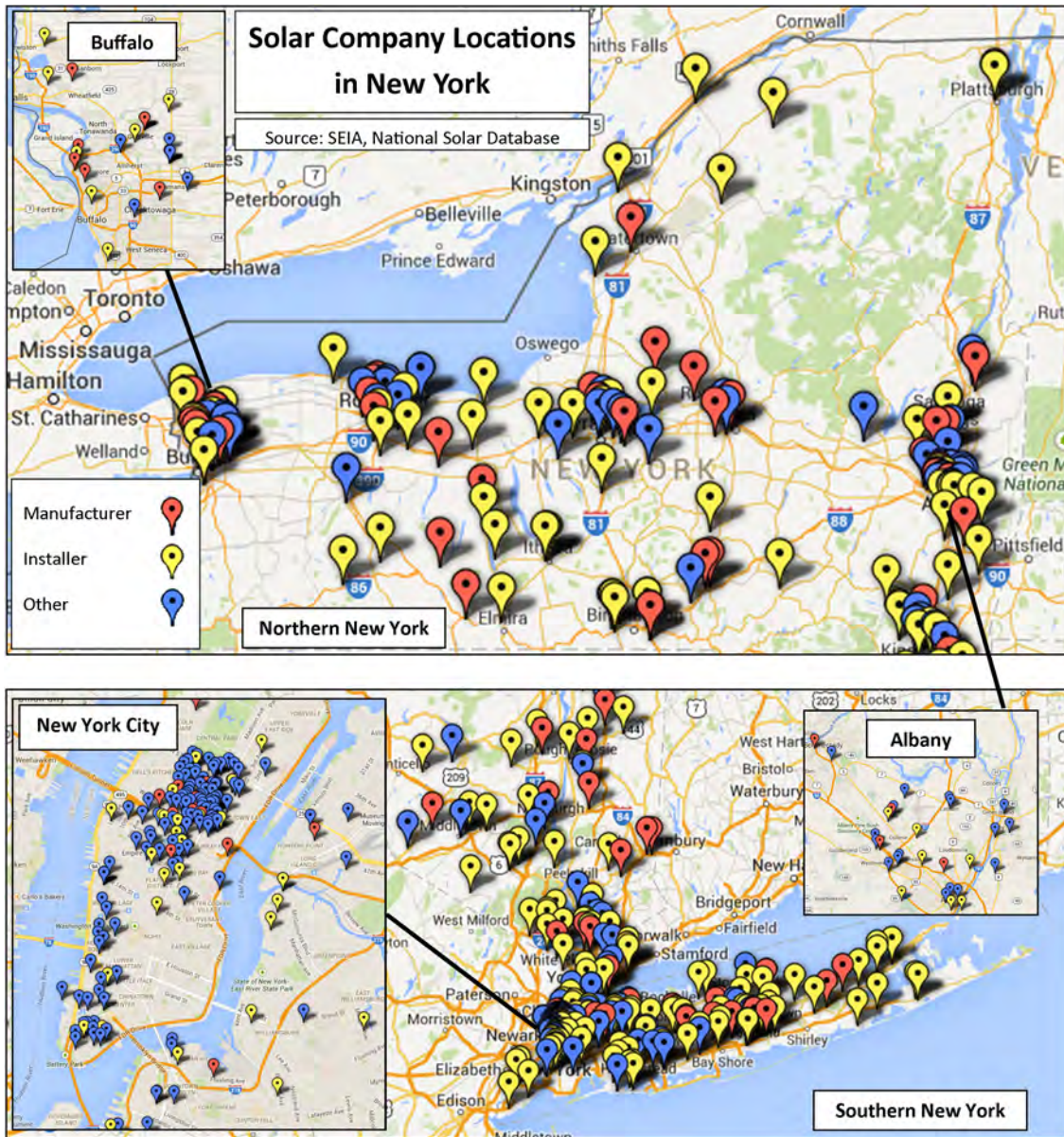
# Solar Spotlight: New York

## At a glance

- There are currently more than **545 solar companies**<sup>1</sup> at work throughout the value chain in New York, **employing 7,300 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 panels. These companies can be broken down across the following categories: 76 manufacturers, 25 manufacturing facilities, 191 contractor/installers, 44 project developers, 32 distributors and 202 engaged in other solar activities including financing, engineering and legal support.
  - **59 MW of solar energy were installed** in New York in the first quarter of 2015. This marks a 1% increase over the last quarter and a 176% increase over the same quarter last year. New York ranked third nationally in first quarter installations.<sup>3</sup>
  - In 2014, New York **installed 147 MW of solar electric capacity**, ranking it seventh nationally. Of this capacity, 89 MW were residential, 49 MW were commercial and 9 MW were utility-scale.
- | Year  | Installed Capacity (MWdc) |
|-------|---------------------------|
| 2006  | ~5                        |
| 2007  | ~10                       |
| 2008  | ~15                       |
| 2009  | ~25                       |
| 2010  | ~40                       |
| 2011  | ~60                       |
| 2012  | ~65                       |
| 2013  | ~75                       |
| 2014  | ~145                      |
| 2015E | ~290                      |
- The **456 MW of solar energy currently installed** in New York ranks the state eighth in the country in installed solar capacity. There is enough solar energy installed in the state to power 77,000 homes.
  - In 2014, **\$451 million** was invested on solar installations in New York. This represents a 33% increase over the previous year, and is expected to grow again this year.
  - Installed solar photovoltaic system prices in the U.S. have dropped steadily- **by 12% from last year and 45% from 2010**.

## Notable Projects

- **Long Island Solar Farm** was completed in 2011 by developer BP Solar. This photovoltaic project has the capacity to generate 32 MW of electricity- enough to power over 5,000 New York homes.<sup>4</sup>
- At 5 MW, **Eastern Long Island Solar Project** is among the largest solar installations in New York. Completed in 2012 by EDF Renewables, this photovoltaic project has enough electric capacity to power more than 800 homes.<sup>5</sup>
- Several large retailers in New York have gone solar, including **Walmart, Kohl's, Macy's** and **Target**. **Anheuser-Busch** has installed one of the largest corporate photovoltaic systems in the state with 797 kW of solar capacity at their location in Bronx.<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, 2014 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 remaining bullets in this section from SEIA/GTM Research *Solar Market Insight*, [www.seia.org/research-resources/us-solar-market-insight](http://www.seia.org/research-resources/us-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)

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