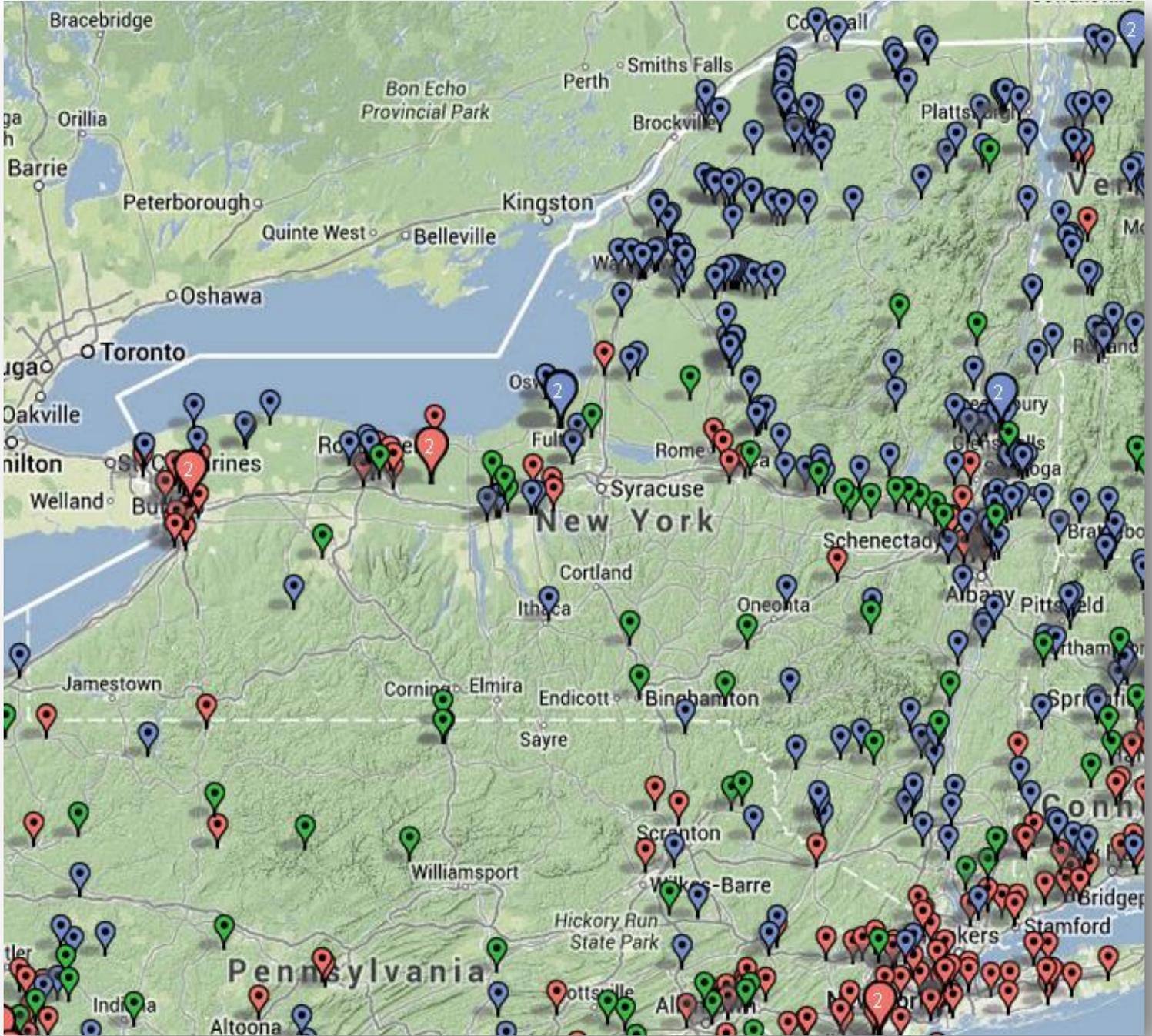


# Working for New York



-  Supply Chain Companies
-  Existing Hydropower
-  Non-Powered Dams with Potential Capacity

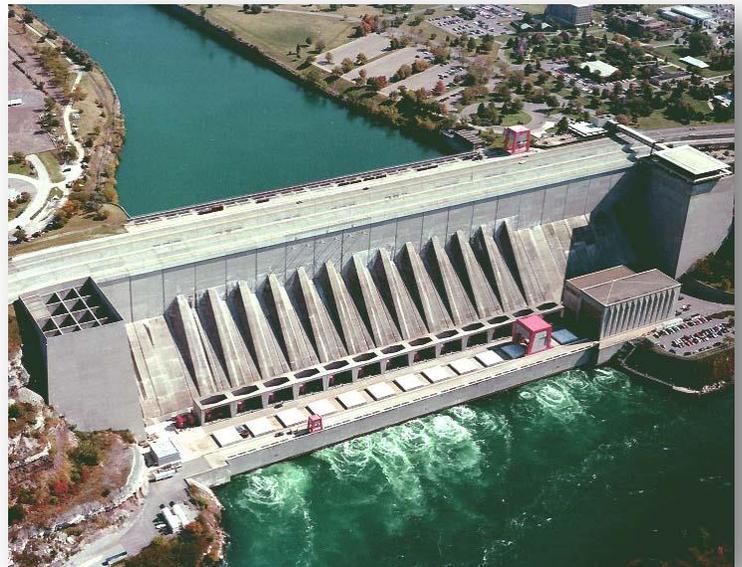
## Hydropower in New York



- Hydropower provides both electrical generation and employment opportunities to the residents of New York.
- Companies including the New York Power Authority, Brookfield Renewable Energy Group, and Northbrook Energy LLC have projects located in the state totaling over **5,900 MW** of renewable and reliable hydropower capacity.
- Hydropower supports supply chain companies in New York including Gomez and Sullivan Engineers PC and Hatch Associates Consultants Inc.
- Hydropower can be expanded by, among other things, maximizing existing infrastructure. There are **295 MW** of potential capacity on non-powered dams in New York.<sup>1</sup>

## Hydropower Benefits New York

- Hydropower provided approximately **25,150,000 MWh** of electricity to New York in 2012; over **18** percent of all generation in the state and over **81** percent of renewable generation.<sup>2</sup>
- Utilizing clean hydropower generation in New York avoids over **17 million metric tons** of CO<sub>2</sub> emissions; that's the same as saving over **1.9 billion gallons** of gasoline.<sup>3</sup>
- New York hydropower generation can power over **2,320,000** households per year.<sup>4</sup>
- With the right policies, the hydropower industry has the potential to create over **33,000** new direct, indirect, and induced jobs in the state.<sup>5</sup>
- As of September 2014, there were **63 MW** of proposed hydropower capacity in New York before the Federal Energy Regulatory Commission.<sup>6</sup>



### Sources:

<sup>1</sup> United States Department of Energy

<sup>2</sup> United States Energy Information Administration

<sup>3</sup> Environmental Protection Agency, Greenhouse Gas Equivalencies Calculator

<sup>4</sup> United States Energy Information Administration (2012 Data)

<sup>5</sup> "Job Creation Opportunities in Hydropower." *Navigant Consulting*. Sept 2009

<sup>6</sup> Federal Energy Regulatory Commission