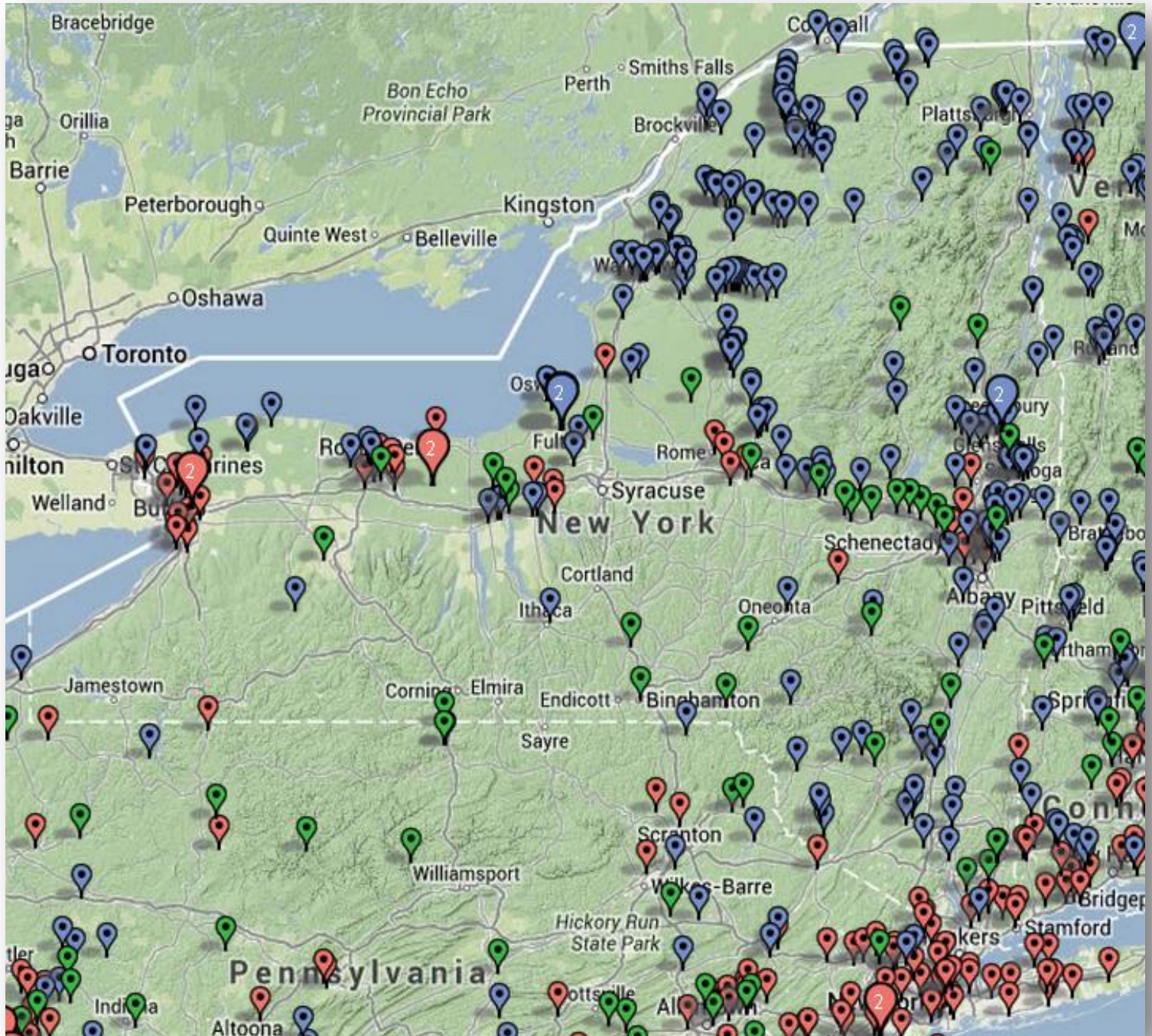


Working for New York



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

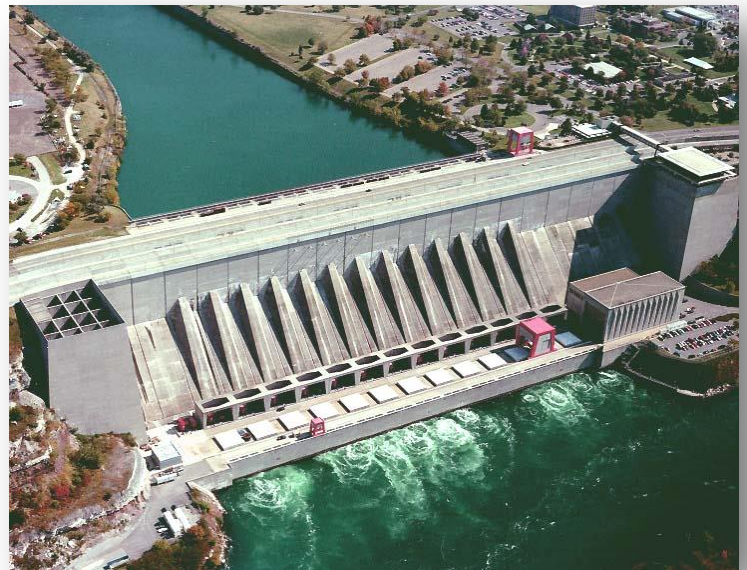
Hydropower in New York



- 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.¹

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.²
- Utilizing clean hydropower generation in New York avoids over **17 million metric tons** of CO₂ emissions; that's the same as saving over **1.9 billion gallons** of gasoline.³
- New York hydropower generation can power over **2,320,000** households per year.⁴
- With the right policies, the hydropower industry has the potential to create over **33,000** new direct, indirect, and induced jobs in the state.⁵
- As of September 2014, there were **63 MW** of proposed hydropower capacity in New York before the Federal Energy Regulatory Commission.⁶



Sources:

¹ United States Department of Energy

² United States Energy Information Administration

³ Environmental Protection Agency, Greenhouse Gas Equivalencies Calculator

⁴ United States Energy Information Administration (2012 Data)

⁵ "Job Creation Opportunities in Hydropower." *Navigant Consulting*. Sept 2009

⁶ Federal Energy Regulatory Commission