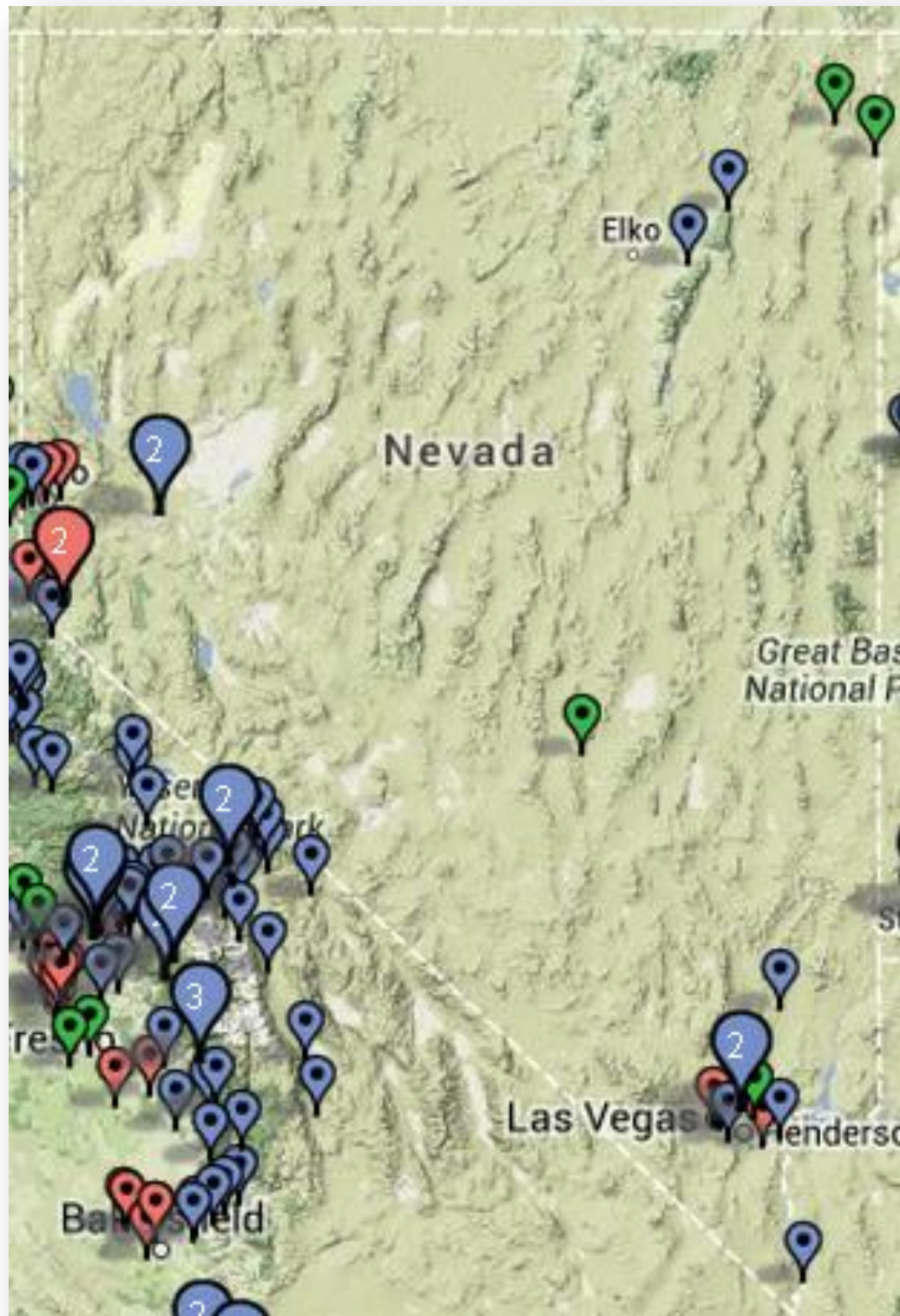


Working for Nevada



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

Hydropower in Nevada



- Hydropower provides both electrical generation and employment opportunities to the residents of Nevada.
- The Bureau of Reclamation and companies including Truckee-Carson Irrigation District and Southern Nevada Water Authority have projects located in the state totaling over **2,090 MW** of renewable and reliable hydropower capacity.
- Hydropower supports supply chain companies in Nevada including Caltrol Inc., RoMaDyn, and Sierra Control Systems Inc.
- Hydropower can be expanded by, among other things, maximizing existing infrastructure. There are **16 MW** of potential capacity on non-powered dams in Nevada¹ and over **1.5 MW** of capacity at conduit sites².

Hydropower Benefits Nevada

- Hydropower provided approximately **2,680,000 MWh** of electricity to Nevada in 2013; over **41** percent of all renewable generation in the state.³
- Utilizing clean hydropower generation in Nevada avoids over **1,849,000 metric tons** of CO₂ emissions; that's the same as saving over **208 million gallons** of gasoline.⁴
- Nevada hydropower generation powers over **247,000** households per year.⁵
- With the right policies, the hydropower industry has the potential to create over **2,200** new direct, indirect, and induced jobs in the state.⁶
- As of September 2014, there were over **3,400 MW** of proposed hydropower capacity in Nevada before the Federal Energy Regulatory Commission.⁷



Sources:

¹ United States Department of Energy

² United States Bureau of Reclamation

³ United States Energy Information Administration

⁴ Environmental Protection Agency, Greenhouse Gas Equivalencies Calculator

⁵ United States Energy Information Administration (2011 Data)

⁶ "Job Creation Opportunities in Hydropower." *Navigant Consulting*. Sept 2009

⁷ Federal Energy Regulatory Commission