

SOLAR ROADMAP™

PAHRUMP AND NYE COUNTY CASE STUDY

PAHRUMP & NYE COUNTY, NEVADA

Pahrump is an unincorporated town in the southeast region of Nye County.

The population of Pahrump is 36,441 over 302 square miles. Nye County is located in south central Nevada with a population of 43,946 over 18,182 square miles. Both jurisdictions are in an excellent area for solar due to their above average solar energy resource. Pahrump and Nye County yield 1,577 kWh/kW per year, more than 10% greater than the national average of 1,200 kWh/kW per year.

SOLAR POTENTIAL & BENEFITS

Making solar projects easier and cheaper to permit and build will benefit local economic activity, create jobs and protect the regional environment. There are approximately 5,100 solar viable homes in Nye County with a solar potential of over 88 MW of total capacity. Capturing this market would result in over \$164M of economic activity and 852 worker-years of job creation in the local region.

OVERVIEW

Pahrump and Nye County are committed to contributing positively to the local community by engaging in economic development and environmental efforts. Supporting local renewable energy generation is a key value in their strategic plan.



PAHRUMP AND NYE COUNTY SOLAR HIGHLIGHTS

The Solar Roadmap assessment indicated existing areas of strength within the County, and uncovered key actions that would effect the greatest impact on the local solar market. Highlights include:

- **Permit processing time** is at or below national best practice
- Solar-friendly **solar zoning ordinance** in both the City and County exceed Department of Energy Standards
- Nye has been a leader in **brownfield redevelopment** as exemplified by their Five County Brownfield Coalition to identify, mitigate, and redevelop brownfield sites for possible renewable energy applications.

"Nye County has enjoyed working on the Southwest Solar Transformation Initiative project this past year with SEI Inc. and Optony. Their professional expertise was invaluable in assisting our small county in the creation of our 'Solar Roadmap'. Their assistance has helped the county achieve goals, objectives and policies related to renewable energy as outlined in the Nye County Comprehensive Master Plan."

Cheryl Beeman, Community Planner

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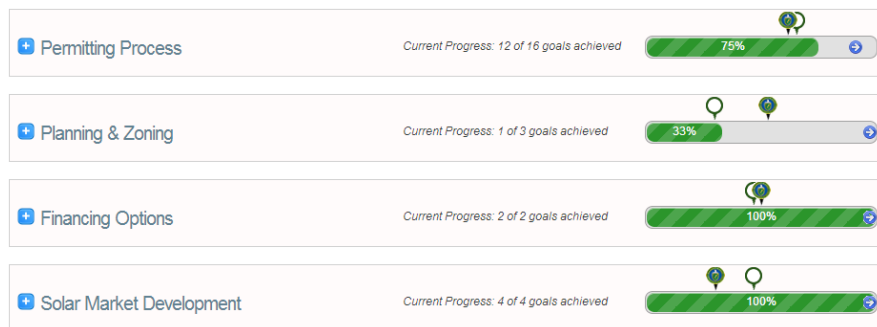
SOLAR ROADMAP™ APPROACH

The Solar Roadmap™ team will work with local stakeholders to complete the following steps to get the community started on their path toward unlocking local solar power potential.



SOLAR ROADMAP™ UNIQUE WEB-BASED DASHBOARD

The unique approach of the Solar Roadmap™ includes a web-based interface that guides participants as they progress through their customized plan for local market transformation. The dashboard groups goals and actionable steps in focus areas.



The Solar Roadmap™ dashboard helps participants select the activities with the highest impact according to their particular situation and measures and recognizes their successes along the way.

ABOUT SOLAR ROADMAP™

The Solar Roadmap™ platform was designed to help cities and rural communities across the United States develop a local level policy and development framework to allow the local solar market to flourish, creating local economic activity, job creation, and environmental benefits. The activities and goals outlined in the Solar Roadmap™ are based on national best practices and lessons learned from successful case studies. Each goal represents a step toward making solar easier and more cost effective in the community.

BUILD YOUR OWN ROADMAP

Interested in what could be done in your community? Visit the [My Roadmap](#) page to get started!

FOR MORE INFORMATION

- Contact us at sssti@solarroadmap.com
- Visit us online at www.solarroadmap.com



ABOUT OPTONY

Optony Inc. is a global research and consulting services firm focused on enabling government and commercial organizations to bridge the gap between solar energy goals and real-world results.



OPTONY
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ABOUT STRATEGIC ENERGY INNOVATIONS

SEI is a non-profit organization which helps empower schools and universities, small businesses, local governments, affordable housing agencies, and agricultural communities to reduce pollution and save money through energy and resource efficiency.



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