

SOLAR ROADMAP™

TREMONTON CASE STUDY

TREMONTON CITY, UTAH

Tremonton is a small but fast growing city in the north of Utah.

Tremonton City is located in Utah's Bear River Valley on the western slopes of the Wasatch Range and has a population of 7,647 over 5 square miles. The City is located in an excellent area for solar due to its above average solar energy resource. Tremonton City yields 1,313 kWh/kW per year, which is 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 939 solar viable homes in Tremonton with a solar potential of over 4.7 MW of total capacity. Capturing this market would result in over \$30M of economic activity and 158 worker-years of job creation in the local region.

OVERVIEW

The City of Tremonton, UT is committed to contributing positively to the local community by encouraging growth in the local solar photovoltaic market. Having previously explored solar installations on municipally owned facilities. Tremonton was interested in understanding what opportunity existed in the residential sector. To quantify this benefit and understand what steps they could take to capture it, Tremonton joined Optony's Solar Roadmap™ in 2012.

TREMONTON SOLAR HIGHLIGHTS

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

- Adoption of a **standardized permitting form** for qualifying residential solar projects. This benefits applicants and installers, and aids the Building Department staff in conducting plan review. Permit **fees are capped**, ensuring reasonable costs, and process times meets national best practices.
- A new **solar zoning ordinance** was drafted to define the standards and permit application requirements for solar PV systems. Solar friendly design standards in regards to height, setback, and visibility were included in the ordinance. This creates transparency in the design review process and ensures all solar development is in-line with community development goals
- An online information portal was created to **promote market education**. This portal provides residents with solar information, tools, and resources needed to evaluate their property and understand available financing options. It also provides contractors information on local installation requirements.

"Throughout the program year, we worked with the solar experts at Optony and SEI and found a wealth of knowledge and experience in developing a specific Solar Roadmap that would fit Tremonton City through proper zoning ordinances and simple permit applications."

Steve Bench, Building Official, City of Tremonton

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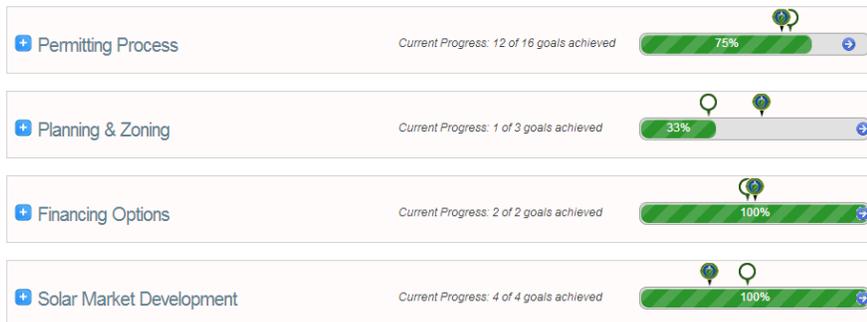
SOLAR ROADMAP™ APPROACH

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 INC.

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.



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