

# Tonopah Solar Energy, LLC

## Crescent Dunes Solar Energy Project

### VITALS:

**Location:** Nye County, Nevada

**Technology:** Concentrated Solar Thermal Power Plant

**Electricity production capacity:** 110 megawatts

**Company:** Solar Reserve's Tonopah Solar Energy, LLC (Santa Monica, CA)



### BY THE NUMBERS - the project is expected to:

- ✓ Provide electricity to power up to 75,000 homes during peak electricity demand periods.
- ✓ Create 450-500 new jobs at peak construction and up to 50 permanent operation and maintenance jobs.
- ✓ Generate an estimated \$140 million in personal income annually through direct, indirect and induced impacts during the peak of construction.
- ✓ Add an estimated \$160 million annually to the gross Nevada state product during peak of construction.
- ✓ Provide an \$850 million investment in U.S. renewable energy infrastructure, aided by American Recovery and Reinvestment Act-supported loan guarantees and renewable energy investment tax credits.
- ✓ Be located on approximately 2,250 acres of public lands. The BLM oversees more than 6.1 million acres in Nye and Esmeralda counties, including 604,535 acres managed for conservation.

**A SMART, COLLABORATIVE PROCESS:** In April of 2009 the Bureau of Land Management (BLM) committed to helping the nation reach its clean energy future by guaranteeing coordinated processing, full environmental analysis and public review for specific renewable energy projects where the companies involved had demonstrated they were ready to advance to the formal environmental review and public participation process.

**STRONG ENVIRONMENTAL REVIEW AND MITIGATION:** The BLM worked closely with the military, Federal, state and local partners, members of the environmental and conservation community and interested stakeholders to advance environmentally sound projects.

- ✓ **Smaller Footprint:** to minimize impacts to biological resources, the BLM selected an alternative plan that reduced the project size from 7,680 acres to 2,250.27, with a development footprint of 1,776 encompassing acres.

December 9, 2010

**ANOTHER RECOVERY ACT LEGACY:** The American Recovery and Reinvestment Act (ARRA) has served as an opportunity to transform the way we use energy, reducing our carbon emissions and create entire new industries based on American resources, ingenuity, and workers. Through the ARRA payments in lieu of tax credits for specified energy program, Tonopah Solar Energy can apply for payments of up to 30% of the eligible costs of the project. These payments are authorized by Section 1603 of the ARRA tax title.

**TOWARD A SAFE, CLEAN ENERGY FUTURE:** Crescent Dunes Solar Energy Project is one of the projects that will help achieve the Administration spur a rapid and responsible move to large-scale production of renewable energy on public lands. The State of Nevada is working to achieve a 25% Renewable Portfolio Standard by 2015.