

## Chevron Lucerne Valley Solar Project

**Toward a safe, clean energy future:** Chevron Lucerne Valley Solar Project is the first solar energy project using photovoltaic technology ever approved for construction on public lands.

### VITALS

**Location:** San Bernardino County, CA

**Technology:** Photovoltaic Panels

**Electricity production capacity:** 45 megawatts

**Company:** Chevron Energy Solutions (San Francisco, CA)



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

- ✓ Generate enough electricity to power approximately 13,500 – 33,750 homes
- ✓ Create 48 new jobs
- ✓ Generate \$1 million of tax revenue annually in property taxes paid to San Bernardino County.
- ✓ Secure approximately \$31 million through the Recovery Act
- ✓ Be located on 422 acres. The BLM oversees more than 5.9 million acres in San Bernardino County, including over 3.8 million 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 federal, state and local partners, members of the environmental and conservation community and interested stakeholders to advance environmentally sound projects.

- ✓ Smaller footprint: the BLM worked with Chevron to compress the project by 94 acres without reducing energy output.
- ✓ Green Screen: BLM will require a vegetative screen designed to reduce visual impacts and control dust to benefit the local community.
- ✓ Protecting Wildlife: Tortoise fencing and mitigation—two acres of desert tortoise habitat acquired or improved for every acre impacted—will be required for the project. There is one desert tortoise known to traverse the perimeter of the site.

**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 America's resources, America's ingenuity, and America's workers. Through the Recovery Act's payments in lieu of tax credits for specified energy program, Chevron Energy Solutions can apply for payments of up to 30% of the eligible costs of the project—approximately \$31 million. These payments are authorized by Section 1603 of the ARRA tax title.

**THE BIG PICTURE:** Secretary Salazar has established a Department-wide goal to complete the environmental reviews for 9,000 MW of renewable energy by the end of 2011. The State of California is working to achieve a 33% Renewable Portfolio Standard, which will require 15,000 – 20,000 MW of renewable energy by 2020. The Chevron Lucerne project is one of the initiatives that will help bring California and this nation one step closer to a clean energy economy.