Midland Solar Energy Project

Toward a safe, clean energy future: The Midland Solar Energy Project is a collaborative public and private solar energy project on private lands with connected action transmission construction on public lands in Nevada.

VITALS
Location: 7 miles southwest of Boulder City, NV
Technology: Solar Photovoltaic
Electricity production capacity: 350 megawatts (MW)
Company: Boulder Solar Power, LLC
Land Ownership: 1,554 acres of land owned by Boulder City and leased to Korean Midland Power Company; 76 acres of federal transmission corridor

BY THE NUMBERS – the project is expected to:

- ✓ Produce enough energy to power 105,000 single family homes
- ✓ Construction jobs will number approximately 250 to 350 with 5 to 10 permanent jobs during operation
- ✓ Result in the construction of a solar-energy-generating facility with a capacity of up to 350 MW on 1,554 acres of private lands owned by Boulder City, NV

A SMART, COLLABORATIVE PROCESS: In April 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.

- ✓ Migratory Birds: Only a small amount (< 6.7 acre) of native plant communities that provide habitat to nesting migratory birds would be eliminated as a result of the proposed project.
- ✓ Protecting Wildlife: Boulder Solar, LLC worked closely with the BLM, US Fish and Wildlife Service and Nevada Department of Wildlife to develop monitoring and conservation measures that will avoid, minimize and mitigate potential impacts.
- ✓ The project will obtain water from the existing Boulder City Public Works Department main pipeline, which runs north to south along the western boundary of the Solar One Photovoltaic facility and west of the site.
- ✓ Surface waters would not be diverted from areas of perennial flow or ephemeral washes, or from downstream habitat(s) that depend on that water.
- ✓ A weed management plan is required and will recognize the project's impact on vegetation and define the expected treatments and activities necessary to both maintain the determined desire condition for the vegetation community and control the weeds that may occur within the project area.

THE BIG PICTURE: Boulder Solar Power, LLC project is one of the initiatives that will help bring Nevada and this nation one step closer to a clean energy economy. The project is the result of a collaborative public and private partnership process.