

K Road Moapa Solar Project

Toward a safe, clean energy future: The K Road Moapa Solar Project is the first large scale solar project approved on tribal land in the country.

VITALS

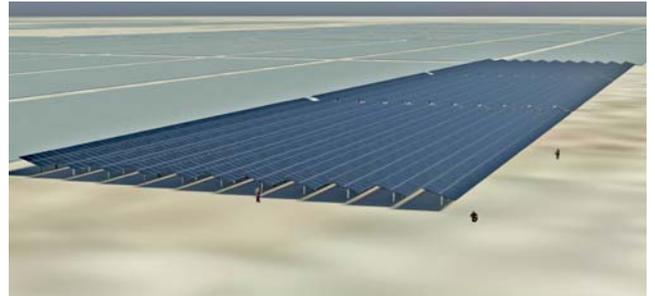
Location: Moapa River Indian Reservation

Clark County, Nevada

Technology: Photovoltaic (PV)

Electricity production capacity: 350 megawatts

Company: K Road Moapa Solar LLC



FEDERAL ACTIONS

- ✓ The Bureau of Indian Affairs (BIA) will approve a solar energy ground lease and associated agreements between K Road Moapa Solar LLC and the Moapa Band of Paiute Indians (Tribe), including associated rights-of-ways (ROWs) and easements for ancillary facilities on tribal land.
- ✓ The Bureau of Land Management (BLM) will approve ROWs for an up to 500 kilovolt (kV) transmission line to connect the new solar plant to the Crystal Substation, as well as access roads on federal public lands and within a BLM-managed utility corridor within the Reservation.

BY THE NUMBERS - The project is expected to:

- ✓ Generate enough electricity to power approximately 100,000 homes
- ✓ Create 400 jobs during peak construction and 15-20 permanent jobs
- ✓ Be built on approximately 2,000 acres of tribal land, about three percent of Tribe's 71,954 acres which are held in trust by the U.S. government
- ✓ Be constructed in three phases of 100-150 megawatts
- ✓ Include a 500-kilovolt transmission line and a 12- kilovolt transmission line to the existing Moapa Travel Plaza after Phase 1 is complete.

ECONOMIC BENEFITS FOR THE TRIBE

- ✓ The project will generate lease income and revenue for the tribe over the 50-year term.
- ✓ The project will connect the existing tribally-owned Travel Plaza to the electrical grid, decreasing its dependence on a diesel powered generator.

STRONG ENVIRONMENTAL REVIEW AND MITIGATION: The BIA has worked closely with federal, state, tribal and local partners, members of the conservation community and interested stakeholders to advance an environmentally responsible project.

- ✓ Early Planning: The project has several plans in place to reduce or minimize impacts on the ecosystem and wildlife, including a Desert Tortoise Translocation Plan, Bird and Bat Conservation Strategy, and a Weed Management Plan.
- ✓ Smart Design: Electric transmission poles will be designed to be avian safe in accordance with the most recent technology; a post-construction study will be implemented to monitor and report possible bird strikes during project operation.
- ✓ Alternative Habitat: the Tribe has set aside 6,000 acres on the Reservation as a suitable habitat for any desert tortoises that need to be relocated.
- ✓ Monitoring: Qualified biologists will monitor construction; all desert tortoises will be monitored for five years, in accordance with U.S. Fish and Wildlife Service (USFWS) standards.

THE BIG PICTURE: The K Road Moapa Solar Project will advance tribal economic competitiveness and job creation, serve as an example of tribal energy self-sufficiency and sustainability, and encourage further renewable energy projects on tribal land. It is one of the projects that will help achieve the Administration and Interior initiative to make a rapid and responsible move to large-scale production of renewable energy on public lands. To date, Secretary Salazar has approved 31 utility-scale solar projects that, combined, will generate more than 7,200 megawatts, power up to 2.5 million homes and generate thousands of jobs. The State of Nevada is working to achieve a 25% Renewable Portfolio Standard by 2025.