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Project Benefits

- Increase power flow through existing transmission lines from Nevada to Southern California.
- Reduce construction and environmental impacts on the community.

Environmental Assessment

SCE values the environment and will perform the necessary studies and mitigations to minimize impacts. Preliminary studies show this project will have the lowest impact compared to alternatives that include building a new transmission line. As always, SCE will work with state and federal agencies to evaluate and mitigate impacts during construction.

Contact

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For information about the
Eldorado-Lugo-Mohave Upgrade
Project, please visit
on.sce.com/eldorado

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Eldorado-Lugo-Mohave Upgrade Project

Project Overview 2018

Serving Your Energy Needs



The Eldorado-Lugo-Mohave Upgrade Project is Southern California Edison's (SCE's) proposal to deliver electricity from renewable and conventional generation resources outside of California to help meet growing electricity demand in the region, as well as to reduce greenhouse gases.

What Does the Project Include?

The project increases capacity on existing transmission lines by installing capacitors. This will allow additional renewable energy to flow from Nevada to Southern California.



A capacitor bank (middle of photo) helps electricity to pass efficiently across long distances.

The project will include the following major components:

- Modifying SCE's existing Eldorado, Lugo, and Mohave electrical substations to accommodate the increased current flow from Nevada to Southern California.
- Constructing capacitors along SCE's existing transmission lines; capacitors increase power flow through existing lines.
- Raising some transmission tower heights to meet ground clearance requirements.
- Installing communication wire on the transmission lines to allow for communication between SCE substations.

Anticipated Project Timeline

- 3rd Quarter 2016:** SCE began conducting project planning and public outreach activities.
- 2nd Quarter 2018:** SCE will submit applications to federal and state regulatory agencies requesting approval to construct the project.
- 1st Quarter 2019:** Project is expected to receive all necessary regulatory approvals.
- 2nd Quarter 2019:** Construction is expected to begin in Nevada.
- 2nd Quarter 2019:** Construction is expected to begin in California.
- 2nd Quarter 2020:** Project is expected to be operational and in service.

The Approval Process

SCE will seek project approval from the California Public Utilities Commission and the Public Utilities Commission Nevada. Environmental review and approvals will also be needed from federal agencies, such as the Bureau of Land Management, National Park Service, Bureau of Reclamation, Department of Defense and possibly other agencies that will be identified as the project moves forward. Throughout this process, the public will be provided opportunities to learn more about the project and provide feedback. For additional information related to the CPUC's approval process, visit www.cpuc.ca.gov

Eldorado-Lugo-Mohave Upgrade Project Overview Map

