

# TITLE XVII RENEWABLE ENERGY AND EFFICIENT ENERGY PROJECTS SOLICITATION

## SUPPLEMENT FOR ELECTRIC VEHICLE CHARGING FACT SHEET

Greater deployment of electric vehicles (EVs) has been impeded by battery prices and lack of charging infrastructure. Battery prices are rapidly decreasing according to Department of Energy (DOE) models indicating that the expected cost of EV batteries at high-volume fell by 70% between 2008 and 2014.

To address the infrastructure deployment challenge, DOE's Loan Programs Office (LPO) has issued a supplement to its Title XVII Renewable Energy and Efficient Energy Projects (REEE) Solicitation, which clarifies that there may be circumstances under which certain EV charging infrastructure may qualify as an eligible technology under the solicitation.

Under the REEE Solicitation, the Department has up to \$4.5 billion in loan guarantees available to support innovative, renewable energy and energy efficiency projects in the U.S. that reduce, avoid, or sequester greenhouse gases.

The deployment of EV charging infrastructure currently faces market barriers because commercial lenders are often unwilling or unable to take on the risk of a new or innovative technology until it has a solid history of commercial operation.

LPO can help project developers overcome these market barriers by issuing loan guarantees as authorized by Title XVII of the Energy Policy Act of 2005. Loan guarantees can be an important tool to commercialize innovative technologies because these projects may be unable to obtain full commercial financing due to the perceived risks associated with technology that has never been deployed at commercial scale in the U.S. Title XVII addresses the capital constraints associated with innovative technologies in order to accelerate the domestic deployment of such innovative energy technology.

LPO currently manages a more than \$30 billion portfolio of approximately 30 closed and committed projects nationwide, including leading edge renewable energy projects, advanced vehicle manufacturing facilities, and two of the first new nuclear reactors to begin construction in the U.S. in more than three decades.

### **NEW GUIDANCE FOR ELECTRIC VEHICLE CHARGING INFRASTRUCTURE**

LPO is publishing a supplement to its existing REEE Projects Solicitation. This supplement provides guidance that among other types of facilities, distributed energy facilities may include, in appropriate cases, EV charging facilities, including associated hardware and software, provided that such facilities otherwise satisfy all eligibility requirements. EV charging facilities may properly be characterized as efficient electrical transmission or distribution technologies within the meaning of those terms as used in the Solicitation. The REEE Solicitation, corresponding supplements, and additional information are available on LPO's website: [www.energy.gov/lpo/ev](http://www.energy.gov/lpo/ev).

