

## Loan Guarantee Solicitation for Innovative Energy Efficiency, Renewable Energy and Advanced Transmission and Distribution Technologies

This solicitation announcement ("Solicitation") invites the submission of applications for loan guarantees under Title XVII of the Energy Policy Act of 2005, 22 U.S.C. 16511-16514 ("Title XVII"), from the United States Department of Energy ("DOE" or the "Department") in support of debt financing for projects in the United States that employ energy efficiency, renewable energy, and advanced transmission and distribution technologies that constitute New or Significantly Improved Technologies (as defined in Section 609.2 of the implementing regulations set forth in Part 609 under chapter II of title 10 of the Code of Federal Regulations (the "Final Regulations"). Loan guarantees issued under Section 1703 of Title XVII are intended to facilitate accelerated commercialization of energy efficiency, renewable energy and advanced transmission and distribution technologies. This Solicitation is issued in accordance with the terms and conditions of Title XVII and the Final Regulations. All applicants are encouraged to review and become familiar with the requirements of Title XVII and the Final Regulations, the provisions of which govern this Solicitation; copies of these authorities may be found at http://www.lgprogram.energy.gov/

Only three categories of projects that commence construction no later than September 30, 2011 are eligible under Section 1705 of Title XVII and may have their Credit Subsidy Costs covered by appropriated funds under the Recovery Act:

- (1) "renewable energy systems, including incremental hydropower, that generate electricity or thermal energy and facilities that manufacture related components" ("Renewable Energy Systems Projects"),
- (2) "electric power transmission systems projects, including upgrading and reconductoring projects ("Electric Power Transmission Systems Projects"), and
- (3) "leading edge biofuel projects that will use technologies performing at the pilot or demonstration scale that the Secretary determines are likely to become commercial technologies and will produce transportation fuels that substantially reduce life-cycle greenhouse gas emissions compared to other transportation fuels" ("Leading Edge Biofuels Projects").

Appropriated funds under the Recovery Act are only available under this Solicitation to cover the Credit Subsidy Cost of 1705Eligible Projects. A description of Renewable Energy Systems Projects, Electric Power Transmission Systems Projects and Leading Edge Biofuels Projects is more fully set forth in Section II.E below.

