U.S. DEPARTMENT OF ENERGY | Energy Efficiency & Renewable Energy

OFFICE OF STRATEGIC PROGRAMS
FY 2016 BUDGET AT-A-GLANCE

The Office of Strategic Programs (OSP) increases the overall effectiveness and impact of all Office of Energy Efficiency and Renewable Energy (EERE) activities through key crosscutting initiatives and strategic analysis, communications, and technology-to-market activities. OSP's work directly contributes to realizing EERE's mission, facilitates and amplifies the successes of EERE technology offices, and soundly and consistently informs the Assistant Secretary's decisions.

What We Do

OSP performs four critical functions that cut across EERE programs:

- ✓ **Accelerates commercialization and market adoption of EERE technologies,** reduces key market barriers, and assists the private sector in pursuing first-market opportunities through partnerships with universities, small businesses, non-profits, national laboratories, venture capital companies, entrepreneurs, and state/local governments.
- ✓ **Provides a robust portfolio-based analytical foundation** by conducting analyses that evaluate different technology research and policy portfolios; invests in retrospective and prospective evaluations of EERE impacts.
- ✓ **Catalyzes international markets** for U.S. clean energy products through technical and policy assistance, analysis, and promoting standards, test procedures, and certification used in the United States.
- ✓ **Communicates objectively and transparently** to multiple stakeholder groups and the public about EERE's portfolio, resources, and activities, as well as to speed adoption of new technologies and practices**.**

FY 2016 Goals and Priorities

Technology-to-Market

- Launch a new program to accelerate investment by philanthropic organizations in clean technology development and commercialization.
- Launch a new clean energy jobs initiative to address key information and analysis gaps, and leverage EERE technical expertise in engaging economic development organizations to maximize job growth in clean energy.
- Scale Lab-Corps from the FY 2014–FY 2015 pilot effort to a full program across all national laboratories.
- Transfer Solar Decathlon from the Building Technologies Office to be better coordinated with OSP's workforce development and communications resources.

Strategic Priorities and Impact Analysis

- Complete at least four new retrospective impact and return-on-investment evaluation studies that quantify EERE impact and guide future EERE program implementation.
- Launch new initiative to partner with competitively selected cities to acquire data and perform analysis toward long-term clean energy roadmaps.
- Support joint efforts with the Office of Nuclear Energy to explore the industrial-scale integrated energy systems utilizing both renewable and nuclear energy technologies.

International

- Continue sponsorship of joint clean energy research under the U.S.-Israel Energy Cooperative Agreement, and increase the number of country engagements to develop clean energy markets for U.S. industry exports.

Communications

- Expand support for high-priority, crosscutting activities, including the Clean Energy Manufacturing Initiative and National Laboratory Impact Initiative.

(Dollars in Thousands)	FY 2014 Enacted	FY 2015 Enacted	FY 2016 Request
Technology-to-Market	6,590	6,263	11,070
Strategic Priorities and Impact Analysis	6,400	6,506	6,000
International	4,550	3,682	6,000
Communications and Outreach	6,000	4,549	4,800
Total, Strategic Programs	**23,540**	**21,000**	**27,870**

Key Accomplishments

- Launched Lab-Corps to train and empower Energy Department national laboratories to accelerate the commercialization of clean energy innovations and increase their impact on U.S. industry and job growth. Lab-Corps is modeled after the highly successful National Science Foundation I-Corps model.
- Launched the National Incubator Initiative for Clean Energy (NIICE)—providing critical services to bring startups closer to market readiness. NIICE will create a national support network to serve the clean energy small business and entrepreneur community.
- Conducted solar resource assessment in India that led directly to nearly $300 million in solar photovoltaic exports through the use of Export-Import Bank financing.
- Provided technical assistance in grid modeling that Chinese officials used to increase their domestic deployment targets—doubling the cap on maximum wind penetration and nearly doubling the 2015 solar photovoltaic deployment target (from 20 GW to 35 GW).
- Released a report showing that the United States is on pace to double renewable electricity generation again by 2020 (having already doubled from 2008–2012) to meet President's 2020 U.S. Renewable Electricity Generation Goals.
- More than 2,500 news stories on EERE accomplishments were catalogued in 2014, and appeared in publications such as the *New York Times*, *Popular Science*, and *Nature*.

Photo from the NREL Industry Growth Forum in Denver, Colorado. The Forum invites companies to present and organizations to participate in networking sessions.
Photo source: http://www.industrygrowthforum.org/

The U.S. Department of Energy Solar Decathlon house built by students from the University of North Carolina - Charlotte features a retractable solar photovoltaic panel rack, which remains over the roof in winter to allow the sun to stream in through the southern window wall, extends over the patio in summer to provide shade and cool the outside living space. Orange County Great Park in Irvine, Calif. on October 13, 2013.The next Solar Decathlon will take place October 8–18, 2015, at the Orange County Great Park in Irvine, California.
Photo credit: Stefano Paltera/U.S. Department of Energy Solar Decathlon