

EERE FY 2015 Budget Request

U.S. DEPARTMENT OF
ENERGY

Energy Efficiency &
Renewable Energy



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Office of Energy Efficiency and Renewable Energy

EERE Vision

A strong and prosperous America powered by clean, affordable, and secure energy

EERE Mission

To create and sustain American leadership in the transition to a global clean energy economy

Select Recent EERE Accomplishments

Sustainable TRANSPORTATION

- First commercial cellulosic ethanol plant in U.S.
- SuperTruck – exceeded goal to develop and demonstrate trucks that have a 50% improvement in freight efficiency compared to current models
- Battery cost reduction: \$325/kWh, based on useable energy, complete packaged battery, and high volume production

Renewable ELECTRICITY GENERATION

- First grid connected near-field EGS plant increased power output of nearby operating geothermal field by nearly 38%
- Two of the world's largest state-of-the-art wind turbine drivetrain testing facilities open for business

Energy Saving HOMES, BUILDINGS, & MANUFACTURING

- Since 2009, finalized new efficiency standards for more than 30 household and commercial products, which are estimated to save consumers hundreds of billions of dollars through 2030 and cut greenhouse gas emissions.

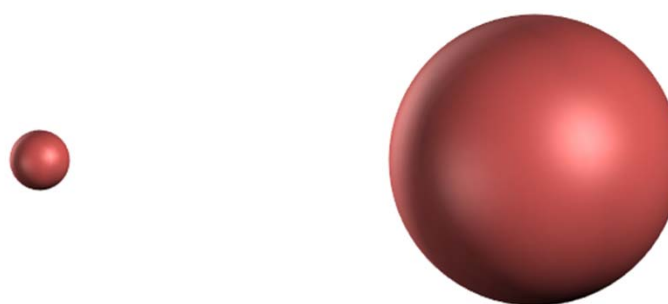
Aggregate* EERE Economic ROI Story

- From 1976 to 2008, 32% of EERE's portfolio (see budget Figure) was subject to evaluation allowing for a ROI calculation
- This covered select portfolios in VTO, GTO, SETO, Wind, BTO, AMO
- Cost and benefit cash flows were estimated for each of the programs' select portfolios, and costs summed together; then economic benefits were summed.
- Discounted cash flow analysis was performed.

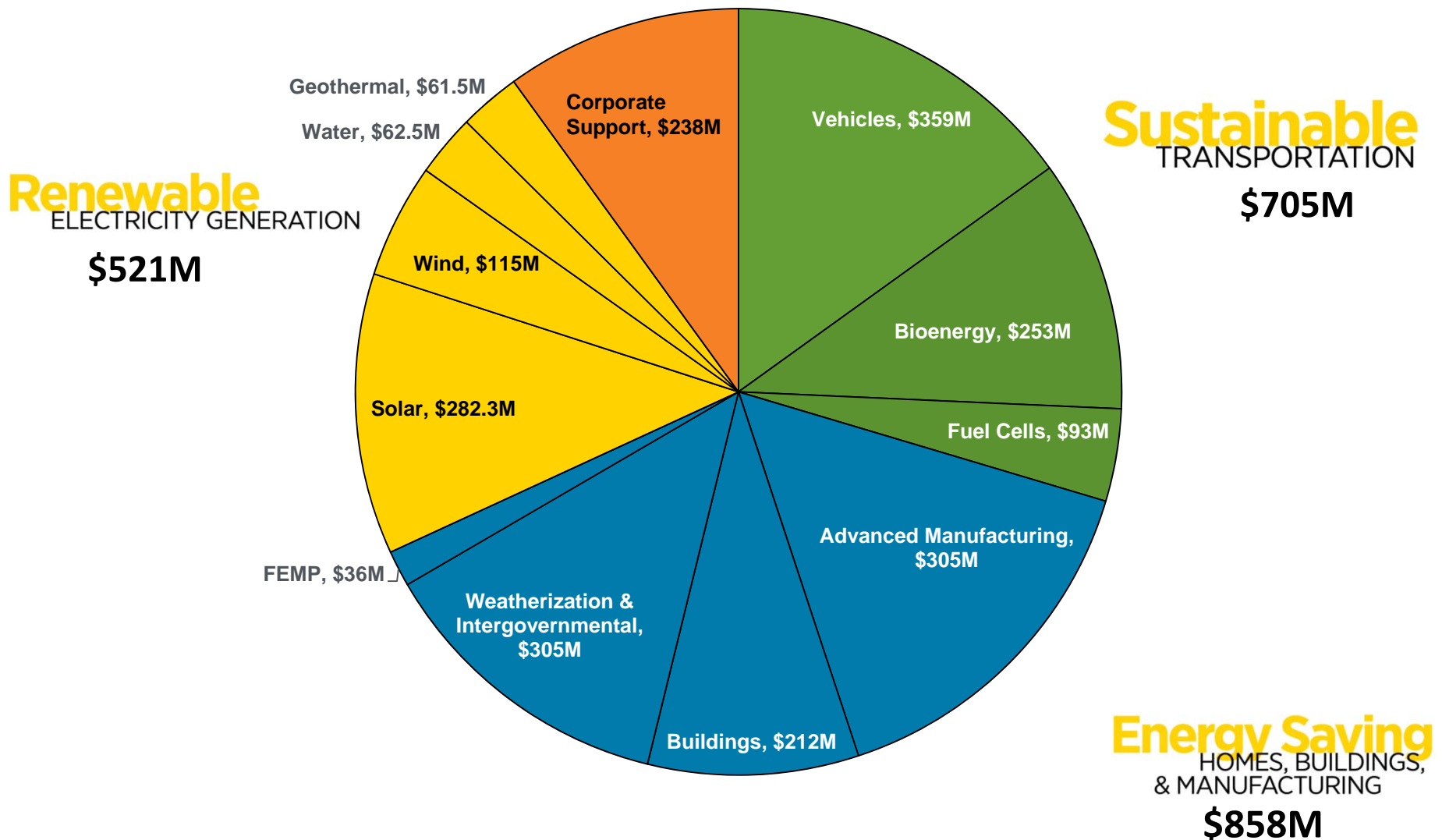
Over the period 1976 to 2008

- Total taxpayer investment by EERE for the select portfolios = \$15M
- Total estimated economic benefit = \$388B

Net economic ROI = ~24:1



FY 2015 EERE Budget Request - \$2.317B



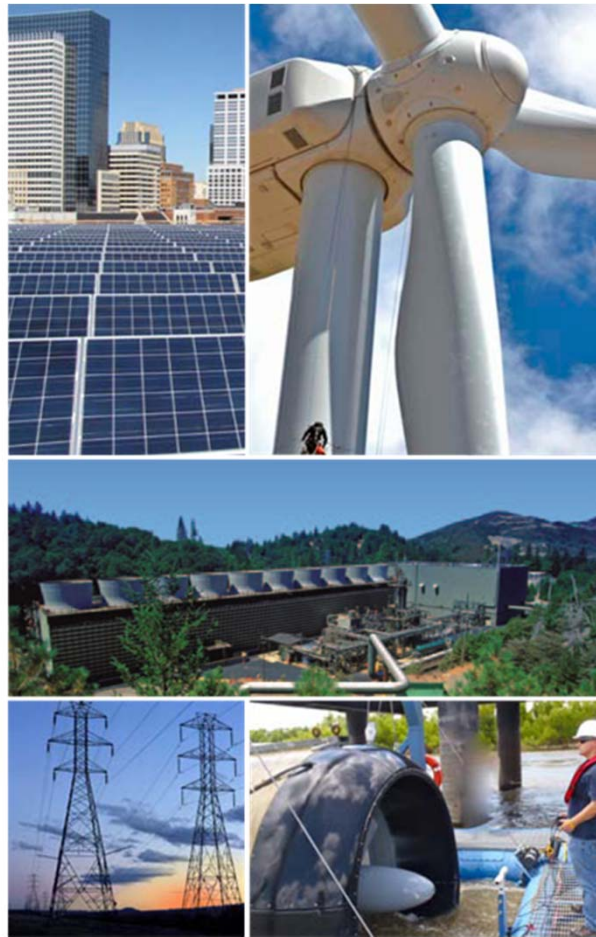
FY 2015 Budget Summary Table

Dollars in Thousands	FY 2013 Current	FY 2014 Enacted	FY 2015 Request	FY 2015 vs FY 2014
Transportation	584,199	614,955	705,183	+90,228
- Vehicle Technologies	303,165	289,737	359,000	+69,263
- Bioenergy Technologies	185,190	232,290	253,200	+20,910
- Hydrogen and Fuel Cell Technologies	95,844	92,928	92,983	+55
Renewable Electricity	444,891	449,524	521,300	+71,776
- Solar Energy	269,050	257,058	282,300	+25,242
- Wind Energy	86,129	88,126	115,000	+26,874
- Water Power	54,687	58,565	62,500	+3,935
- Geothermal Technologies	35,025	45,775	61,500	+15,725
End-Use Efficiency	535,354	617,449	857,700	+240,251
- Advanced Manufacturing	114,254	180,471	305,100	+124,629
- Federal Energy Management Program	28,265	28,248	36,200	+7,952
- Building Technologies	204,601	177,868	211,700	+33,832
- Weatherization and Intergovernmental Activities	188,234	230,862	304,700	+73,838
Corporate Support Programs	208,889	231,513	237,779	+6,266
Subtotal, Energy Efficiency and Renewable Energy	1,773,333	1,913,441	2,321,962	+408,521
- Use of Prior Year Balances	-81,576	-2,382	-5,213	N/A
- Rescission of Prior Year Balances	0	-10,418	0	N/A
Total, Energy Efficiency and Renewable Energy	1,691,757	1,900,641	2,316,749	+416,108

Sustainable TRANSPORTATION



Renewable ELECTRICITY GENERATION



Energy Saving HOMES, BUILDINGS, & MANUFACTURING





Sustainable TRANSPORTATION

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Vehicle Technologies

Fiscal Year 2015 Priority Activities

- **EV Everywhere Grand Challenge, \$209M:** Accelerate the development of advanced batteries with better performance and reduced system cost, high-performance/low-cost electric drive systems that use wide bandgap devices as well as advanced power electronics and improved motor technologies with reduced or no rare earth materials, lightweight materials to increase vehicle efficiency and electric range, and advanced technologies for convenient and efficient vehicle charging from the electric grid.
- **Advanced Combustion R&D, \$49M:** Support SuperTruck initiative, promising to increase the fuel efficiency of Class 8 heavy-duty trucks by at least 50%, as well as low temperature combustion regimes that can dramatically increase passenger vehicle fuel economy.
- **Material Lightweighting, \$47M:** Support significantly greater depth of ultra lightweight vehicle substructure demonstrations; greater emphasis on improved properties, manufacturability, computational materials science, and enabling technologies for carbon fiber composites, advanced high-strength steels, aluminum alloys, and magnesium alloys.
- **Natural Gas and Drop-in Biofuels, \$21.7M:** Expand R&D to eliminate technical barriers to the increased use of alternative and renewable fuels – specifically natural gas and drop-in biofuels. Focus includes natural gas storage and high-efficiency natural gas engines, as well as analysis of optimal biorefinery products for use in fueling infrastructure and vehicles (with EERE Bioenergy Technologies).
- **Alternative Fuel Vehicle Community Partner Projects, \$20M:** Accelerate the adoption of alternative fuels through competitively-awarded projects that build strategically-placed, high-impact community-scale demonstrations of alternative fuel vehicles.

(Dollars in Thousands)	FY 2013 Current	FY 2014 Enacted	FY 2015 Request
Batteries and Electric Drive	111,663	108,935	135,531
Vehicle and Systems Simulation & Testing	44,763	43,474	39,500
Advanced Combustion Engines	55,004	49,970	49,000
Materials Technology	40,336	38,137	54,069
Fuels and Lubricant Technologies	16,960	15,990	27,400
Outreach, Deployment and Analysis	34,439	31,231	50,400
NREL Site-Wide Facility Support	-	2,000	3,100
Total, Vehicle Technologies	303,165	289,737	359,000

Bioenergy Technologies

Fiscal Year 2015 Priority Activities

- **Conversion Technologies, \$100.5M:** High-impact conversion technology R&D to demonstrate \$3/gasoline gallon equivalent drop-in hydrocarbon biofuels by 2017 and 2022 using a wide array of feedstock and conversion technologies, with at least 50% greenhouse gas reduction on a lifecycle basis.
- **Demonstration and Deployment, \$105M:** Advance biofuel commercial deployment through scale-up of integrated biorefinery demonstrations of newly developed hydrocarbon pathways with high-volume potential, as well as support of military-specification jet fuel in collaboration with DOD and USDA through the Defense Production Act.
- **Feedstocks, \$30.5M:**
 - **Terrestrial Production and Logistics, \$16.5M:** Develop strategies, technologies, and systems that can sustainably provide feedstock to the throat of the conversion reactor for a total cost of no more than \$80/dry ton by FY 2017, while meeting conversion process specifications and providing sufficient volume to meet demand.
 - **Algae, \$14M:** Pursue research in advanced biology and carbon dioxide utilization to leverage capabilities at the algae testbed facilities and lay a foundation for breakthroughs needed to meet FY 2022 algae productivity target (5,200 gallons of biofuel intermediate per acre of cultivation per year).

(Dollars in Thousands)	FY 2013 Current	FY 2014 Enacted	FY 2015 Request
Feedstocks	47,359	46,972	30,500
Conversion Technologies	75,140	101,384	100,500
Demonstration and Deployment (formerly Integrated Biorefineries)	43,630	64,790	105,000
Strategic Analysis and Cross-Cutting Sustainability	14,939	12,146	11,000
Biopower/Cookstoves	4,122	1,998	0
NREL Site-Wide Facility Support	0	5,000	6,200
Total, Bioenergy Technologies	185,190	232,290	253,200

Fuel Cell Technologies

Fiscal Year 2015 Priority Activities

- **Fuel Cell R&D, \$33M:** Develop innovative technologies to reduce cost and improve durability – e.g., by increasing PEM fuel cell power output per gram of platinum-group metal catalyst to 6.5kW/g in 2015 and 8.0kW/g by 2020 (from 2.8kW/g in 2008).
- **Hydrogen Fuel R&D, \$36.3M:** Advance pioneering technologies in materials, components, and processes that will reduce the cost of hydrogen from renewable resources to \$6.80/gge (dispensed and untaxed) from \$8.00/gge in 2011; and the cost of hydrogen storage systems by 15% compared to the 2013 baseline of \$17/kWh by 2015.
- **Manufacturing R&D, \$3M:** Demonstrate a ground-breaking 3X increase of continuous in-line measurement processes to achieve 100 ft/min for MEA and MEA component roll-to-roll processing by 2015.
- **Technology Validation and Market Transformation, \$9M:** Demonstrate zero-emissions medium-duty fuel cell hybrid electric trucks with a projected range of >100 miles, meeting parcel delivery route requirements.

(Dollars in Thousands)	FY 2013 Current	FY 2014 Enacted	FY 2015 Request
Fuel Cell R&D	41,266	33,383	33,000
Hydrogen Fuel R&D	31,681	36,545	36,283
Manufacturing R&D	1,899	3,000	3,000
Systems Analysis	2,838	3,000	3,000
Technology Validation	8,514	6,000	6,000
Safety, Codes and Standards	6,808	7,000	7,000
Market Transformation	2,838	3,000	3,000
NREL Site-Wide Facility Support	0	1,000	1,700
Total, Fuel Cell Technologies	95,844	92,928	92,983



Renewable ELECTRICITY GENERATION

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Solar Energy Technologies

Fiscal Year 2015 Priority Activities

- **Concentrating Solar Power, \$61.4M:** Significant progress in CSP has enabled reductions in LCOE from \$0.21/kWh in 2010 down to \$0.185/kWh in 2012 with a goal of reaching \$0.06/kWh by 2020. Higher system temperatures, lower cost collectors, and thermal storage will be required to achieve the 2020 goals. An increased effort, in coordination with other DOE offices, on Supercritical CO₂ Brayton power cycles will advance CSP system efficiencies.
- **Photovoltaic R&D, \$42M:** Continued focus on advancing PV performance in our nation's laboratories where the DOE has supported U.S. leadership in technology advancement to enable a globally competitive U.S. industry. New effort on developing PV recycling technology.
- **System Integration, \$56.9M:** In coordination with other DOE offices, new efforts to develop technologies to integrate solar with buildings and electric vehicles will create systems with better optimized overall performance and improved technologies for interacting with the power grid.
- **Balance of Systems Soft Cost Reduction, \$45.1M:** Enables an increased focus on engagement with state and local governments, small businesses, and community colleges that will help reduce the "soft costs" associated with the deployment of solar energy, as well as enable a highly skilled and informed workforce for both the solar industry and ancillary fields related to solar deployment.
- **Innovations in Manufacturing Competitiveness, \$67.7M:** Focus on supporting manufacturing R&D that could help U.S. industries reduce manufacturing costs for global competitiveness.

(Dollars in Thousands)	FY 2013 Current	FY 2014 Enacted	FY 2015 Request
Concentrating Solar Power	43,080	48,571	61,400
Photovoltaic R&D	150,580	56,641	42,000
Systems Integration	45,773	52,816	56,900
Balance of Systems Soft Cost Reduction	29,617	42,558	45,100
Innovations in Manufacturing Competitiveness	0	44,472	67,700
NREL Site-Wide Facility Support	0	12,000	9,200
Total, Solar Energy Technologies	269,050	257,058	282,300

Wind Power Technologies

Fiscal Year 2015 Priority Activities

- **Promote Offshore Wind, \$46.7M:** Multi-year program to develop and demonstrate pioneering U.S. offshore wind systems, including targeted research at full scale, validating innovative technologies and speeding deployment of the first U.S. offshore wind projects.
- **Atmosphere to Electrons (A2e), \$14.4M:** Comprehensive R&D initiative to address wind plant performance improvement opportunities. Key research institutions and computational assets will be leveraged to conduct high fidelity modeling activities to understand the complex flow of the resource in wind farms to increase wind farm energy capture, reduce annual operational costs and inform project financing.
- **Manufacturing Competitiveness, \$3.5M:** R&D to address logistical and transportation constraints of very tall wind towers (120 meters and above) and very large (~100 meter) turbine blades, enabling access to better wind resources, lower energy costs, and improved domestic manufacturing competitiveness.
- **Market Barriers, \$17.2M:** Facilitate environmentally responsible deployment of wind technologies through continued multi-year efforts to ensure wind-wildlife interactions are considered and addressed; collaboration with Federal agencies on mitigating the effects of wind turbines on long range surveillance and terminal radars; and next-generation wind integration studies.

(Dollars in Thousands)	FY 2013 Current	FY 2014 Enacted	FY 2015 Request
Resource Characterization & Technology RD&T (Land, Offshore, Distributed)	52,939	34,409	38,416
Technology Validation and Market Transformation	8,000	21,049	42,613
Mitigate Market Barriers	11,301	10,129	17,209
Modeling and Analysis	13,889	13,539	12,062
NREL Site-Wide Facility Support	0	9,000	4,700
Total, Wind Power Technologies	86,129	88,126	115,000

Water Power Technologies

Fiscal Year 2015 Priority Activities

- **HydroNEXT, \$20M:** This new initiative aims to double the current contribution of hydropower in the United States. Activities will focus on technologies and tools to improve performance and sustainably increase generation at existing water resources infrastructure, in addition to the development and demonstration of technologies to lower the cost, improve the performance, and reduce the environmental impacts of hydropower for new stream-reach development.
- **Modular Pumped-Storage Hydropower, \$4M:** Building on the Modular Pumped Storage Feasibility Study conducted in FY 2014, the office will begin developing innovative m-PSH system designs that exhibit cost-competitiveness with existing large-scale designs.
- **MHK Research and Design, \$12.5M:** To advance system designs of marine energy conversion devices, the office will continue to support field studies and applied MHK research; integrate innovative component technologies into advance system designs; and will demonstrate the viability of MHK systems.
- **Validate Open-Source Advanced Design Tools, \$6M:** Compile, analyze, and disseminate performance data from device testing to enable the validation and improvement of numerical modeling tools. These datasets will be freely available to entrepreneurs and industry to allow for the simulation of device array designs and array impacts.

(Dollars in Thousands)	FY 2013 Current	FY 2014 Enacted	FY 2015 Request
Marine and Hydrokinetic Technologies	35,456	41,275	30,500
Hydropower Technologies	19,231	17,290	31,500
NREL Site Wide Facility Support	0	0	500
Total, Water Power Technologies	54,687	58,565	62,500

Geothermal Technologies

Fiscal Year 2015 Priority Activities

- **Frontier Observatory for Research in Geothermal Energy (FORGE), \$29M:** Site characterization for FORGE, a dedicated site for testing and validating cutting-edge EGS technologies and techniques, creating an accelerated commercial pathway to large-scale EGS power generation in the U.S.
- **Play Fairway Analysis, \$4.5M:** Continuation of FY 2014 “Play Fairway” analyses, an assessment of exploration risk and the probability of finding new resources on a regional scale that identifies the most prospective areas for new geothermal exploration and development.
- **Strategic Materials, \$4M:** Continuation of FY 2014 Strategic Materials effort, transitioning the most successful feasibility studies to technology prototype development or field demonstration projects.
- **Subsurface Crosscut Roadmapping and R&D, \$6M:** Subsurface roadmapping and R&D collaboration with Program Offices across DOE—including the Office of Fossil Energy, the Office of Nuclear Energy, the Office of Science, and the Office of Environmental Management— on crosscutting geology and engineering initiatives within the Geothermal portfolio. In FY 2015, the Program’s contributions will target roadmapping and shared R&D challenges, including subsurface characterization and an In-Field EGS stimulation protocol that can accelerate the addition of an estimated 7-10 GW of potential from in- and near-field EGS.

(Dollars in Thousands)	FY 2013 Current	FY 2014 Enacted	FY 2015 Request
Enhanced Geothermal Systems	20,103	27,084	33,500
Hydrothermal	8,092	10,285	17,500
Low Temperature and Coproduced Resources	2,942	4,708	6,000
Systems Analysis	3,888	3,698	4,000
NREL Site-Wide Facility Support	0	0	500
Total, Geothermal Technologies	35,025	45,775	61,500

Energy Saving

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Building Technologies

Fiscal Year 2015 Priority Activities

- **Emerging Technologies, \$79M:** Increased funding above FY 2014 includes focus on non-vapor compression technologies capable of being used in HVAC applications through Future of Air Conditioning Technologies (FACTs) FOA. Non-vapor compression air conditioning technologies have the potential to provide up to 50% reductions in energy consumption. Building Technologies will also focus additional investments in transactive controls and grid integration to optimize energy performance and comfort as well as support energy-related transaction outside the building envelope.
- **Commercial Building Integration, \$28M:** Build the common data structures, tools and processes to support and drive greater investment in energy efficiency across all commercial market sectors, including through decision-grade energy performance data access and design and decision support tools. Demonstrate and evaluate the impact of three promising new technologies, broaden the use of the Commercial Energy Asset Score, and assist Better Building industry partner organizations in demonstrating 2% per year portfolio-wide energy savings.
- **Penn State Univ. Consortium for Building Energy Innovation, \$10M:** Develop new technologies and solutions not currently available in the market that are needed to reduce energy use in existing small- and medium size commercial buildings, and demonstrate new paths to market for real energy savings.
- **Residential Building Integration, \$23M:** Continue to develop new, cost-effective energy efficient technical solutions for existing and new construction, however rather than only focusing on whole house approaches, actionable solutions will be developed around typical systems that are retrofitted individually.
- **Equipment and Buildings Standards, \$69M:** Support standards and test procedure activities contributing to the reduction of building source energy use and carbon pollution. There will be an increased emphasis on building code compliance initiatives.

(Dollars in Thousands)	FY 2013 Current	FY 2014 Enacted	FY 2015 Request
Emerging Technologies (ET)	58,599	55,862	79,000
Commercial Buildings Integration (CBI)	33,956	30,782	28,000
Penn State Consortium for Building Energy Innovation	22,843	9,994	10,000
Residential Buildings Integration (RBI)	27,678	24,390	23,000
Equipment and Buildings Standards	61,525	55,840	69,000
NREL Site-Wide Facility Support	0	1,000	2,700
Total, Building Technologies	204,601	177,868	211,700

Advanced Manufacturing

Fiscal Year 2015 Priority Activities

- **Next Generation Manufacturing R&D Projects, \$86M:** Three or four targeted FOAs will address core technical issues for foundational technologies to enable U.S. manufacturers to realize significant gains in energy productivity, environmental performance, product yield, competitiveness, and economic growth.
- **Advanced Manufacturing R&D Facilities, \$190.5M:** Supports the creation of at least one new Clean Energy Manufacturing Innovation Institute and supports two existing institutes, consistent with the President's vision for a larger, multi-agency National Network of Manufacturing Innovation, as well as continuing investment in the Critical Materials Hub and existing Manufacturing Demonstration Facility.
- **Technical Assistance, \$28.5 M:** Continue to support Better Plants and Superior Energy Performance; support Industrial Assessment Centers with a focus around increased productivity as well as energy and water savings for small and medium manufacturers; and expand technical assistance resources for increased combined heat and power installations.

(Dollars in Thousands)	FY 2013 Current	FY 2014 Enacted	FY 2015 Request
Next Generation Manufacturing R&D Projects	41,745	76,971	86,000
Advanced Manufacturing R&D Facilities	55,009	81,500	190,500
Industrial Technical Assistance	17,500	22,000	28,500
NREL Site-Wide Facility Support	0	0	100
Total, Advanced Manufacturing	114,254	180,471	305,100

Weatherization and Intergovernmental Programs

Fiscal Year 2015 Priority Activities

Weatherization Assistance Program, \$227M:

- Achieve target of over 33,000 home energy upgrades nationwide through active management of 59 weatherization formula grantees and competitively select and manage approximately 20 high-impact projects on financing models for the retrofit of low-income multi-family buildings.
- Establish, improve, and implement worker training curricula, work standards, and audit processes in retrofits.

State Energy Program, \$63.1M:

- Use key engagements through the State Energy Office network and their capacity to use strategic policy levers and innovative programs to bring markets to scale for cost-competitive clean energy technologies by leveraging best practice approaches and voluntary commitment-driven partnerships.
- Provide technical assistance and competitively selected awards to States to design and adopt develop effective policies and strategies to drive progress toward State and regional clean energy economy goals.
- Develop and deploy assessment, planning, and decision-making tools for the adoption of policy infrastructures to facilitate clean energy technology deployment, including self-sustaining financial models.

Clean Energy and Economic Development Partnerships (CEED Partnerships), \$14M:

- Provide technical assistance to States and local communities to create economic development roadmaps that leverage the current shale gas boom to support sustained economic development and growth, as well as to assist local governments in their efforts to diversify their economies by attracting advanced manufacturing and clean energy industries.

(Dollars in Thousands)	FY 2013 Current	FY 2014 Enacted	FY 2015 Request
<i>Weatherization Assistance</i>	128,879	170,898	224,600
<i>Training and Technical Assistance</i>	2,826	2,998	3,000
Total, Weatherization Assistance Program	131,705	173,896	227,000
State Energy Program	47,108	49,970	63,100
Clean Energy/Economic Development Partnerships	0	0	14,000
Tribal Energy Program	9,421	6,996	0
Total, Weatherization and Intergovernmental Programs	188,234	230,862	304,700

*In FY 2015 the Tribal Energy Program is being consolidated within DOE's Office of Indian Energy Policy and Programs

Federal Energy Management Program

Fiscal Year 2015 Priority Activities

- **Project Financing, \$11.4M:** Leverage FEMP’s Federal financing and project expertise to assist agencies with initial decision making on the scope of performance contracts, guide agencies through project development and implementation, and track project implementation and performance in support of Federal agency energy goals.
- **Technical Guidance and Assistance, \$12.4M:** Support for the establishment of a center of expertise focused on Federal Data Center Energy Efficiency and Optimization, improved project tracking, and technical assistance supporting energy-efficient and sustainable building practices and technology deployment.
- **Planning, Reporting, and Evaluation, \$4.1M:** Services to agencies that include the collection, tracking, and verification of Federal data; managing recognition awards programs; and training Federal workforce in energy management.
- **Federal Fleet, \$1.6M:** Direct technical assistance and tools for agencies to support implementing and managing energy-efficient and alternative fuel vehicles and facilitate reducing petroleum consumption and increasing alternative fuel use.
- **Federal Energy Efficiency Fund (FEEF), \$3.0M:** Direct funding and leveraged cost-sharing to Federal agencies for capital projects and other initiatives to increase energy efficiency, water conservation, and renewable energy investments at agency facilities.
- **DOE Specific Investment (SPO), \$2.9M:** Support for managing, reporting, evaluating and achieving DOE’s sustainability goals established by Executive Orders, statutes, and internal DOE policies.

(Dollars in Thousands)	FY 2013 Current	FY 2014 Enacted	FY 2015 Request
Project Financing	9,501	9,558	11,433
Technical Guidance and Assistance	9,126	6,224	12,433
Planning, Reporting and Evaluation	4,324	5,569	4,073
Federal Fleet	1,540	1,388	1,634
Federal Energy Efficiency Fund	0	3,000	3,000
DOE Specific Investments	3,774	2,509	2,927
NREL Site-Wide Facility Support	0	0	700
Total, Federal Energy Management Program	28,265	28,248	36,200

Office of Strategic Programs

Fiscal Year 2015 Priority Activities

- **Technology-to-Market, \$7.7M:** Leverage innovative approaches and partnerships to attract new investors to EERE technologies and to bridge gaps in the U.S. clean energy ecosystem, especially in the areas of entrepreneurship, technology transfer, and finance. Includes continuing the National Incubator Initiative for Clean Energy, launching Phase II of the National Clean Energy Business Plan Competition, supporting the whole systems integrated deployment energy approach, and completing the first phase of EERE competitions/workforce activities evaluation.
- **Strategic Priorities and Impact Analysis, \$6.4M:** Continue to conduct futures scenarios, retrospective and prospective impact analysis, characterization of technology cost and performance data, energy systems and market intelligence analysis; extend analysis of factors influencing competitiveness of domestic manufacture of EERE technologies; initiate one larger-scale technology futures study; and complete one new retrospective impact and return on investment evaluation study that quantifies EERE impact and guides future EERE program implementation by showing what has worked and what has not.
- **International, \$2.85M:** Catalyze international markets for U.S. clean energy solutions through technical and policy assistance, analysis, and promoting standards, test procedures, and certification prevalent in the United States. Focus primarily on partnerships with 5 to 7 countries and 1 multilateral organization with the highest potential material impact on enabling U.S. exports and carbon pollution reduction.
- **Communications and Outreach, \$4.8M:** Focus resources on maintaining functions for web/online, media, executive communications, and internal communications to provide high-priority communications execution, oversight, and support activities for EERE and to use more effective media and on-line analytic tools.

(Dollars in Thousands)	FY 2013 Current	FY 2014 Enacted	FY 2015 Request
Technology-to-Market	6,504	6,590	7,700
Strategic Priorities and Impact Analysis	7,000	6,400	6,429
International	4,450	4,550	2,850
Communications and Outreach	5,600	6,000	4,800
Total, Office of Strategic Programs	23,554	23,540	21,779

EERE Strategic Plan

Purposes of the Strategic Plan

- (Re)Define EERE
- Demonstrate the logical basis for our vision and goals
- Connect to our stakeholders

