



Illinois Department of Commerce & Economic Opportunity

Pat Quinn, Governor

Illinois Energy & Recycling Office Programs January 2014

The Illinois Energy Office demonstrates economic development benefits, including job creation, of energy efficiency, renewable energy, and recycling through a variety of programs and services. Further, Office programs demonstrate that economic development, sustainable energy, recycling practices, and environmental protection go hand in hand.

In addition, the Office continues to promote the leadership of the State of Illinois, through its own energy and recycling policies and practices at state facilities. Individually tailored programs are available to assist Illinois citizens, communities, non-profit organizations, businesses, industry, and other government agencies in an effort to achieve the Offices' mission.

Energy Efficiency Programs: Illinois Energy Now

Under Public Act 95-0481, DCEO, ComEd, and Ameren Illinois have developed and sustained a portfolio of electric energy efficiency programs to achieve certain annual energy savings goals. Over \$55 million is available for the DCEO electric Illinois Energy Now programs. DCEO is responsible for 25% of the total portfolio and the utilities 75%. DCEO will utilize approximately 58% of funds on public sector programs, 24% on low income programs, and 10% on market transformation programs. ComEd and Ameren Illinois electric portfolio programs will be focused on residential, commercial and industrial sectors.

The Natural Gas Energy Efficiency Program authorized by Public Act 96-0033 started June 1, 2011. Over \$25 million is available for incentives to the public sector and low income sector. DCEO is offering an integrated natural gas and electric portfolio. Ameren Illinois, Nicor, Peoples and North Shore natural gas companies offer natural gas energy efficiency incentives to the commercial, industrial, and residential sectors.

A. Public Sector Electric and Natural Gas Efficiency

The following energy efficiency programs are offered to the Public Sector:

- Local Government (county, township, municipal, public safety, water and park districts)
- Public K-12 Schools
- Community Colleges
- Public Universities
- State and Federal Government

1. Standard and Custom Incentive Programs

The Standard and Custom Incentive Programs provides grants and rebates to public sector entities for electric and natural gas system efficiency improvements. The Standard Incentive Program provides set incentive levels for common retrofits for lighting, HVAC, variable

frequency drive controls, motors and refrigeration. The Custom Incentive Program provides incentives for electric and natural gas efficiency improvements not listed in the Standard Incentive Program.

Website: www.ilenergynow.org

Contact: Sally Agnew, 217-785-5081, Sally.Agnew@illinois.gov

2. New Construction Program

The New Construction Program provides grants to public sector entities to encourage applicants to design new or rehabbed buildings to achieve the greatest level of energy efficiency. The program offers \$/square foot incentives for facility design improvements beyond code, with incentive levels increasing for additional percentages beyond code. Estimated electricity and natural gas savings must be documented by energy modeling and/or supporting calculations. This program is administered by the Smart Energy Design Assistance Center (SEDAC) at the University of Illinois.

Website: <http://smartenergy.illinois.edu/new-construction-incentive-program.html>

Contact: Kristine Chalifoux, 217-244-1315, kmchalif@illinois.edu

3. Retro-commissioning Program

The Retro-commissioning Program provides funding to identify and implement low cost tune-ups and adjustments that improve the efficiency of existing public buildings' operating systems by returning them to intended operation or design specifications, with a focus on building controls and HVAC systems. Retro-commissioning services will be delivered through a network of commissioning providers that have been trained in program protocols and participation processes. This program is administered by the Smart Energy Design Assistance Center (SEDAC) at the University of Illinois.

Website: <http://smartenergy.illinois.edu/retro-commissioning.html>

Contact: Ashley Collins, 312-267-2864, Ashley@360eq.com

4. Lights for Learning Fundraiser

The Illinois Lights for Learning Fundraiser is a unique educational opportunity for Illinois students to earn money for their school or organization by selling money saving, energy efficient Compact Fluorescent Light bulbs (CFLs). Participating schools keep 50% of the proceeds, and presentations are provided to educate students and their community about the environmental and financial benefits of using CFLs. This program is administered by the Midwest Energy Efficiency Alliance (MEEA).

Website: www.lights4learning.org

Contact: Bruce Selway, 217-785-2023, Bruce.Selway@illinois.gov

5. Self-Directing Customer or Exempt Customer

Customers seeking to be designated by the Department as a self-directing customer (SDC) or as an Exempt Customer under the Natural Gas Energy Efficiency Programs shall submit an application on or before February 1, 2010. A new customer that commences taking service from a natural gas utility after February 1, 2010 may apply up to 30 days after beginning service. Thereafter, applications may be made not less than 6 months before the triennial filing date of the gas utility energy efficiency plans.

Website: www.ilenergynow.org

Contact: Wayne Hartel, 217-785-3420, wayne.hartel@illinois.gov

B. Low Income Energy Efficiency programs

1. Energy Efficient Affordable Housing Construction Program

DCEO believes that affordable housing must be energy efficient to be truly affordable. DCEO has led this effort through the Illinois Energy Efficient Affordable Housing Program initiated in 1988. Under this Program, grants are provided to Illinois based non-profit and for-profit housing developers to include energy efficient building practices in the rehab or new construction of affordable housing units. Average energy savings range from 50% to 75%.

Website: www.ilenergynow.org

Contact: Don Falls, 217-785-1997, don.falls@illinois.gov

2. Residential Retrofit

This program provides funding to leverage existing low income weatherization and home improvement programs to maximize electricity savings. DCEO will partner with Program Implementers such as state agencies, local government, lending institutions, housing authorities, and affordable housing developers for direct installation or funding of electric efficiency measures in low income households. This program is part of the Illinois Energy Efficiency Portfolio.

Website: www.ilenergynow.org

Contact: Ed Hosey, 217-785-3984, Ed.Hosey@illinois.gov

3. Efficient Living: Illinois Public Housing Authority Energy Program

This program provides funding for electric and gas efficiency measures in buildings owned and managed by Public Housing Authorities to reduce energy consumption and utility costs while maintaining affordable, comfortable homes for residents.

Website: www.ilpha.org

Contact: Kate Brown, 217-244-6769, cbrown4@illinois.edu

C. Market Transformation: Technical Assistance, Education and Training

1. Building Industry Training and Education (BITE) Program

This program provides funds to organizations to train professionals from all aspects of the building industry in energy efficient practices and about energy efficient products and equipment, in order to develop the robust energy efficiency services market necessary to achieve the energy savings goals in future years. Grantees will organize and coordinate workshops and training for all sectors throughout the state in order to educate the industry on state of the art energy efficiency practices for building construction, rehab, operation, and maintenance. This program supports efforts such as the Illinois Energy Conservation Code for Commercial and Residential Building training, Illinois Home Performance with Energy Star(IHWES) training, Building Performance Institute (BPI) training and the Building Operator Certification (BOC) program.

Website: www.ilenergynow.org, www.ildceo.net/energycode

Contact: Bruce Selway, 217-785-2023, Bruce.Selway@illinois.gov

2. Smart Energy Design Assistance Center (SEDAC)

DCEO partners with SEDAC, housed within the University of Illinois School of Architecture, to provide technical assistance services to businesses, federal, state and local government, public schools, community colleges, public universities and colleges to assist clients who are considering energy efficiency improvements at existing facilities or to enhance baseline design of new facilities.

Website: www.SEDAC.org

Contact: Kristine Chalifoux, 217-244-1315, kmchalif@illinois.edu

3. Energy Performance Contracting Program

Energy Performance Contracting is an innovative arrangement for designing, installing and financing energy improvement projects where the savings achieved by the project are guaranteed to amortize the cost of the project over the term of the agreement.

Website: www.ilenergynow.org

Contact: Wayne Hartel, 217-785-3420, wayne.hartel@illinois.gov

Renewable Energy Programs

Illinois boasts significant potential for renewable power and heating: wind, solar and biogas offer both economic and environmental benefits. DCEO administers the Renewable Energy Resources Program (RERP) to foster investment in and the development and use of renewable energy resources within the state of Illinois. DCEO strongly believes that the facilitation of such investment in renewable energy projects in Illinois brings strong economic development benefits to the state: new income streams for farmers, new jobs, new investment, and new property tax revenues for local governments.

A. Solar and Wind Energy Rebate Program

The focus of the Solar and Wind Energy Rebate Program, through the State's Renewable Energy Resources Program, is to encourage utilization of smaller-scale solar and wind energy systems in Illinois. Eligible applicants include homeowners, businesses, public sector and non-profit entities that are customers of an electric or gas utility that impose the Renewable Energy Resources and Coal Technology Development Assistance Charge. Maximum rebates for all solar and wind energy projects are \$10,000.00 for homeowners, \$20,000 for businesses, and \$30,000 for public sector and non-profit entities. Maximum percentage and per watt caps also apply. Please refer to the website for details.

Website:

<http://www.illinois.gov/dceo/whyillinois/KeyIndustries/Energy/Pages/RenewableEnergy.aspx>

Contact: Wayne Hartel, 217-785-3420, Wayne.Hartel@illinois.gov

B. Large Distributed Solar and Wind Grant Program

The focus of the Large Distributed Solar and Wind Grant Program is to support the development and implementation of larger-scale distributed solar thermal, solar photovoltaic, and wind energy systems in Illinois. Eligible applicants include businesses, public sector and non-profit entities that are customers of an electric or gas utility that impose the Renewable Energy Resources and Coal Technology Development Assistance Charge. The maximum grant amount allowed under this program is \$250,000.

Website:

<http://www.illinois.gov/dceo/whyillinois/KeyIndustries/Energy/Pages/RenewableEnergy.aspx>

Contact: Wayne Hartel, 217-785-3420, Wayne.Hartel@illinois.gov

Recycling and Waste Reduction Programs

DCEO's Recycling programs support the very relevant public policy concern of sustainable economic development by effectively addressing environmental challenges and business competitiveness issues, while offering public economic benefits such as job creation.

DCEO's Division of Recycling and Waste Reduction provides technical assistance and access to capital for projects involving source reduction, waste reduction, recycling and reuse. DCEO's efforts help the Illinois recycling industry continue to expand, enhancing statewide economic growth while helping Illinois businesses; schools, local governments and not-for-profit organizations advance their waste reduction and recycling initiatives.

A. Illinois Recycling Grants Program (IRGP)

Through a competitive process, the IRGP concentrates on projects that develop or expand recycling collection and processing efforts in Illinois. A priority goal of the program is to reduce the amount of recyclable commodities entering the municipal solid waste stream while maximizing the economic benefits of recycling, including job creation. While most funding from this program has historically supported "traditional (fiber, plastic, metal, and glass) recycling" efforts such as curbside and drop-

off recycling, the program has the flexibility to also seek applications designed to target specific non-traditional recyclables. For example, over the past several years the program solicited and funded projects that capitalized on the economic benefits associated with the development of an infrastructure in Illinois to collect and process computer and other electronic discards.

Grants are available to assist local governments, for-profit, and not-for-profit businesses and organizations with their recycling efforts. Grant funds may be used to purchase project-related capital equipment such as collection, processing or handling equipment and project-related expansion and modernization costs.

Website: www.illinoisrecycles.com

Contact: David Ross, 217-782-7887, David.Ross@illinois.gov

B. Recycling Expansion and Modernization Program (REM)

The REM Program provides funding for projects that involve a) improving an organization's solid waste management practices through source reduction and waste reduction, including recycling and reuse activities; b) improving product packaging practices to reduce waste; and c) modernizing and expanding a business that manufactures recycled content products. While the REM Program regularly funds numerous successful projects, the demand for REM services continues to increase as Illinois organizations tout the benefits (both environmental and business performance) of improved waste management practices and increased recycling. REM grant funds (from \$10K to \$250K) can be used for capital equipment and/or consultant services.

Waste Management Modernization project grants provide funding for a business or organization that plans to improve its approach to solid waste management through modernization activities. Projects involve best practices in solid waste management including (a) source reduction activities that prevent the generation of solid waste, and (b) waste reduction activities that recycle or reuse industrial byproducts or other solid waste materials.

Market Expansion Modernization project grants provide funding to modernize key functions in a business or organization that manufactures recycled-content products or uses recyclable commodities in providing a service. The purpose is to increase the use of recyclable commodities, thereby expanding markets for these materials. Projects may also involve technical issues that are unique for companies planning to convert their operations to use recyclable commodities in manufacturing or service delivery.

Website: www.illinoisrecycles.com

Contact: Mike Motor, 217-524-5859, Michael.Motor@illinois.gov

C. Food Scrap Composting Revitalization & Advancement Program (F-SCRAP)

The DCEO commissioned report, Illinois Commodity/Waste Generation and Characterization Study (May 2009) revealed that food scraps are the single largest material category of municipal solid waste (MSW) landfilled in Illinois. In fact, food scraps, generated from such diverse sources as households, grocery stores, farmer's markets, restaurants, college dining facilities, and food packaging operations account for 12% of all MSW landfilled in Illinois. This fact, coupled with

Governor Quinn's recent signage of Public Act 96-418 that relaxes how food scrap composting facilities are regulated, are the genesis for this new program.

Composting has been shown to create up to 4 times as many jobs as landfilling the same amount of material and could help businesses and institutions reduce their waste disposal costs. This new initiative solicits projects that will advance Illinois' food scrap composting infrastructure. DCEO may award grants up to \$125,000 to any one project and grant funds may be provided to support cost related to project necessary equipment and/or site improvements.

Website: www.illinoisrecycles.com

Contact: David E. Smith, 217-785-2006, David.E.Smith@illinois.gov

Alternative Transportation Programs

A. Alternate Fuel Research and Infrastructure Grant (AFRIG) Program

This grant program funds ethanol fuel research and alternate fueling infrastructure (for E85 blend, propane, at least 20% biodiesel blending fuel, and compressed natural gas) to promote the use of alternate fuel in vehicles as a means to improve air quality in the State and to meet the requirements of the federal Clean Air Act Amendments of 1990 and the federal Energy Policy Act of 1992. The minimum grant award is \$25,000, and the maximum grant award is \$350,000.

Website: www.illinoisenergy.org

Contact: Rajiv Narielwala, 217-785-2638, Rajiv.Narielwala@Illinois.gov

B. Electric Vehicle (EV) Infrastructure Rebate Program

The purpose of this rebate program is to encourage the installation and utilization of a network of electric vehicle charging stations throughout the state. Eligible applicants include units of government, businesses, educational institutions, non-profits, and individual residents. Rebates cover 50% of equipment and installation (materials and labor) costs up to certain maximum caps; please refer to the program website for details.

Website: www.illinoisenergy.org/ev

Contact: Kate Tomford, 312-814-1985, kate.tomford@illinois.gov

C. Electric Vehicle (EV) Industry and Infrastructure Development Grant Programs

These programs fund projects that support the production and deployment of electric vehicles and electric vehicle charging stations, or their components, such as batteries. Eligible expenditures include the purchase and installation of machinery, equipment and new industrial systems and/or the conversion and improvement of existing processes.

Website: www.illinoisenergy.org/ev

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