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Energy-Efficiency Programs: A Supplemental Guide for Small Manufacturing Businesses.

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Energy-Efficiency Programs:
A Supplemental Guide for Small Manufacturing Businesses

Thesis submitted in partial fulfillment of Honors

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ABSTRACT

This research was focused on small manufacturing businesses and energy-efficiency programs on the federal, state, and local levels. Small manufacturing businesses have many types of energy-efficiency programs available to them from several different sources. Sources of information for these programs provide technical explanations that are difficult to understand. In addition, different qualifications are required for participation in different programs. The intention of this research was to form a manual for small manufacturing businesses that are energy-intensive. The purpose of the manual is to make the information about energy-efficiency programs more accessible and comprehensible for owners and managers of small manufacturing businesses.

CHAPTER 1

Introduction

In recent decades, the idea of sustainability in the business world has become an attractive and sought-after goal for companies. Business sustainability focuses on changing the practices and structures of companies so that their financial value and social values increase while their negative effect on the environment decreases. However, the changes in a business structure and its practices necessary to become a more sustainable business are not always easy or inexpensive to implement. Federal, state, and local governments and utility companies provide information on how and why businesses should switch to more sustainable business practices through energy-efficiency programs. In addition, there are financial incentives provided from these programs to encourage the use of sustainable business methods. However, many small businesses are not making these changes and taking advantage of such incentives (“Small Businesses Lag on Sustainability: What to Do About It,” 2012).

Possible reasons for this lag in small business participation are stated as time and money (“Small Businesses Lag on Sustainability: What to Do About It,” 2012). However, to date there is limited specific information available on whether small businesses are aware of the financial incentives provided to them through participation in energy-efficiency programs. In addition, no research has been conducted to determine whether or not information is being effectively distributed to small businesses (Adams, Bucci, Green, & Markow, 2011). The proposed research hopes to achieve two objectives after a review of relevant information: First, the research will provide information about energy-efficiency programs with financial incentives on the federal, state, and local levels to small manufacturing businesses. The information will provide descriptions of the different types of energy-efficiency programs available. Second, examples of

businesses that have successfully participated in energy-efficiency programs will be used to make recommendations for what program types would work best with specific business model types. Data analysis for these two objectives will be the focus of Chapter 4. Relevant literature correlating to these objectives has been gathered and will be reviewed in Chapter 2.

CHAPTER 2

Literature Review

What is Sustainability?

The term sustainability takes on many different meanings based on the subject area to which one is applying it. Therefore, to begin the research project, a clear definition of sustainability in the business world needs to be established.

The United States Environmental Protection Agency gives definitions from three perspectives—traditional, public policy, and business—concerning what sustainability means to each. The most functional definition for this paper is from the business perspective stating, “the goal of sustainability is to increase long-term shareholder and social value, while decreasing industry’s use of materials and reducing negative impacts on the environment” (United States Environmental Protection Agency, 2011). This is the most useful definition provided by the EPA, because it is specific to business.

The term can be further clarified in an article from an accounting magazine, *California CPA Magazine*. The author gives the term more specificity by adding an adjective, transforming it to “corporate sustainability” (Knowles, 2010). The article emphasizes that sustainability does not just simply mean that a company is “going green” but rather it is a business strategy. Corporate sustainability includes environment-friendly business practices, social initiatives, and efficient operation that will enhance financial value. According to the American Institute of Certified Public Accountants, this three-pronged focus is called the “triple bottom-line” consideration (American Institute of Certified Public Accountants, 2010).

Sustainable Business Practices

By establishing the functional definition of sustainability as the “triple bottom-line” consideration for what sustainable business practices are becomes easier to explain. Sustainable business practices are the policies and programs that a business puts into action in order to become more sustainable. However, in order to choose what practices will be most effective and beneficial, companies have to first be educated.

An example of education before implementation can be found in an article from the *New York Times*. The article discusses how a small business owner in California attended educational workshops where he learned about sustainable business practices (Witkin, 2011). He then took what he learned and made a commitment to action by first analyzing and then implementing strategies that best fit his company. In this example, most of the sustainable business practices implemented were focused on environmental and economic affects; although in other examples, social programs for employees can be also be used.

Sustainability in Small Businesses

It is a common misconception that sustainable business practices are so costly and complex that only big businesses benefit. However, making the change to become more sustainable is not limited to big corporations; there are methods that can be used in any size business. A small business firm is just as likely to benefit as a large company, if the methods are correctly tailored to the business.

In a paper written by Christopher Newell and Walter Moore, called “*Creating Small Business Sustainability Awareness*,” it is pointed out that many small businesses view developing more sustainable business plans as too expensive and complex to be beneficial

(2010). However, the authors argue that since small businesses have smaller supply-chains they can manage the flow of goods and use of resources more efficiently than large businesses (Moore & Newell, 2010). Such changes would reduce costs and increase the value of the business in the long-run.

Another assumption concerning small businesses and their need for sustainable practices is that they have less impact on the environment than larger corporations do (Schaper, 2002). Schaper acknowledges that this is a common misconception in the business world, and is in fact wrong. The author further argues that, while individually their impact on the environment is less than the affects of a big business, the combined effects of small and medium industries are more noticeable. The author explains that the private 95% of production is made up of small and medium industries in the private sectors of most modern nations. This fact is further exemplified in the country of Australia as discussed in an article from *The International Journal of Business Studies* (Giles, Redmond, & Walker, 2010). The authors state that the small businesses of the Australian economy have a significant, negative impact on the economy. The paper claims that 60% of industrial pollution comes from the combined effects of small industry.

Incentives for Sustainability

As sustainability has become a pressing issue in the business world, governments at all levels have begun to provide certain incentives for businesses that use sustainable business methods. Since one of the assumptions by small businesses is that sustainable business practices are costly and not beneficial enough, it is vital that they be made aware of the incentives available to them. For the purpose of this study there will be a focus on financial incentives provided by government and utility companies at the federal, state, and local levels from energy-efficiency programs in the United States. For example, the United States government offers

several incentives for energy-savings in the form of tax deductions and credits, depreciation bonuses, and loans (Internal Revenue Service, 2008). Summaries of the tax incentives and reforms for energy-efficiency can be found on the Small Business Administration website or the Database of State Incentives for Renewables & Efficiency (DSIRE) website (State and Local Energy Efficiency Programs, 2012 ; Federal Incentives/Policies for Renewables & Energy, 2011).

Energy-Efficiency

As previously explained, becoming a sustainable business includes the efficient use of materials and running the facility in such a way that there is a financial impact from cost savings. Although the management of cost savings and reductions should be a priority in all sizes and types of businesses, it is especially important to small businesses that are more susceptible to cost fluctuations (Adams, Bucci, Green, & Markow, 2011). In a study performed by Andy Bollman and published by the United States Small Business Administration's Office of Advocacy, the results indicate shown that this sensitivity to cost variability is especially true for energy costs (2008). The literature review associated with Bollman's study provided evidence that there is a lack of information available to small businesses concerning the significance of energy prices. Bollman points out that despite this lack of information, small businesses tend feel a greater impact from rising or uncertain energy prices than larger companies. The commercial and manufacturing sectors were identified as being the most exposed to rapidly rising energy prices; the two sectors also had the greatest differences in prices paid for energy between small and large establishments. However, if small businesses are capable of decreasing their energy expenditures, they will see increased efficiency from operations, long-term financial benefits, and decrease negative environmental impacts.

Businesses who wish to reduce their energy expenditures must first find ways to use energy more efficiently or to generate their own renewable energy. Several technologies and specialty equipment are available as solutions for using energy efficiently. However, most of these solutions can be costly on the front-end and can be especially hard on small businesses. In order to encourage the use of these energy-efficient technologies, the United States government has offered several forms of financial incentives to help counterbalance the costs of purchase, installation, and management. An example of such incentives is a tax deduction from \$0.30 to \$1.80 per square foot for a building that meets energy reduction targets by making building improvements to lighting, heating/ventilation, hot water, and insulation systems (Federal Incentives/Policies for Renewables & Energy, 2011). Another federal program that is offered to promote energy-efficiency is the Energy Star program, which offers information to businesses and residential homeowners about how they can save energy (ENERGY STAR for Small Business, 2011). Energy Star also offers rebates for the purchase of energy-efficient equipment, supplies, and building materials.

With all these financial incentives available to small businesses, one would assume that there would be a large number of small businesses implementing energy-efficient business practices. However, as previously mentioned, business owners and management need to first be educated on what sustainable business practices will be effective and beneficial before they can put them into use. In a study published in *The Sustainability Review*, the authors state that to date there has been no research conducted to ascertain if this information on energy-efficiency programs and incentives is being effectively distributed to the small business sector (Adams, Bucci, Green, & Markow, 2011). Furthermore, in a dissertation by Christopher Payne, a study of energy consumption behavior in the commercial sector revealed that there was “essentially no

information about how small-business decision-makers make choices about energy consumption” (Payne, 2006). The general lack of information concerning small businesses and energy usage could be an indication that small businesses are not being effectively educated on the several opportunities to cut costs available to the through federal energy efficiency programs.

A review of the relevant literature has led to this concern: Are small businesses aware of the financial incentives and programs for energy-efficiency that are available to them? In an attempt to close this potential awareness gap, information has been gathered information for the purpose of producing a manual to help small manufacturing businesses understand what the types of energy-efficiency programs available to them. First, the manual will provide information to small manufacturing businesses about energy-efficiency programs with financial incentives available to them on the federal, state, and local levels. *The Sustainability Review* study cited above included the results of a small scale survey of small business establishments in the northeast United States (Adams, Bucci, Green, & Markow, 2011). In the survey, small business managers and/or owners were asked if they were aware of federal energy-efficiency programs. With only 20% of the businesses claiming to be aware of federal energy-efficiency programs, the results were considered shockingly low. In addition to descriptions, examples of how other businesses have successfully used some of these programs will be provided to help small manufacturing businesses determine which program types would best fit their business model.

The study will focus on energy-efficiency programs for small businesses in the manufacturing sector. The manufacturing sector was chosen for the purpose of narrowing the focus of the study by choosing businesses most likely to benefit from participation in energy-efficiency programs with financial incentives; the manufacturing sector was cited in relevant literature to be at risk of rapidly rising energy costs (Payne, 2006). The manufacturing sector

was also shown in the *Intermediate Energy Infobook* produced by the NEED Project to be a part of the industrial sector that consumed the most energy in the United States in 2009—thirty percent—according to data from the Energy Information Administration (The NEED Project, 2011). As discussed in the relevant literature, education in sustainable business practices is often necessary in order to choose and implement the practices that will best fit the individual business. The information provided in the manual will attempt to provide the owners and managers of small manufacturing businesses with the information necessary to supplement their decision-making process about participating in energy-efficiency programs. The manual will also attempt to improve the working knowledge of energy-efficiency programs among small manufacturing business owners and managers.

CHAPTER 3

Research Methodology

Introduction

The purpose of this study is to provide an informative manual to small manufacturing businesses about energy-efficiency programs. This manual will provide descriptions of types of energy-efficiency programs, make recommendations for what type of programs would be best for specific types of businesses, and provide a non-comprehensive list of programs by type and state. This chapter describes the research design, research objectives, data collection, and population.

Research Design

The data used to develop the manual was compiled from lists provided by the United States Small Business Administration and the Database of State Incentives for Renewables & Efficiency (DSIRE), which is provided by the North Carolina Solar Center and the Interstate Renewable Energy Council. The manual will differ from the resources available through these sites in three specific ways. First, the list provided by the Small Business Administration is a list of links to websites for programs available by state. The manual produced from the research will list programs by state and type of energy-efficiency program. In addition, federal incentives will be included in the manual. Second, both databases include incentives available to other sectors besides manufacturing, such as the residential and governmental sectors. The manual will condense this list of programs to only contain energy-efficiency programs that participation would be available to small manufacturing businesses. Thirdly, the DSIRE website categorizes the programs into general types and provides only a brief explanation of what the category types

mean. In addition, finding the explanations for the category types is difficult on the site as there is no introductory overview describing how to utilize the database. The manual produced by the research will include an introductory section that explains to small manufacturing business owners and managers the lay-out of the guide and how to best utilize it as a supplemental resource. In addition, the description of program types will provide an expanded, in-depth explanation and will only include program types that are among those available to small manufacturing businesses. The program types will also differ in their categorizations of the financial incentives the business could receive and what the business has to do to qualify for these incentives.

The research study was a formal study designed to achieve the research objectives. The purpose of the study was to summarize available data in order to produce an informative manual. The time-line for the study will be cross-sectional since it was only carried out once and only represents a moment in time, rather than a change over a period of time. It is a descriptive study with the intention of describing the types of energy-efficiency programs available to small manufacturing businesses.

Research Objectives

The objectives of the research study were developed after an attempted survey of small manufacturing businesses in the five industries with the highest energy consumption rates failed to acquire significant response results. The purpose of the survey was to attempt to measure the level of awareness of federal energy-efficiency programs with financial incentives among small manufacturing business owners and managers in the four geographical regions of the United States and the five most energy-intensive manufacturing industries. The original objective was to analyze data that the survey would have produced to determine if there was a significant

difference between the proportion of small manufacturing business owners and managers who considered themselves aware among the four geographical regions and the five industries. A copy of the survey instrument used for the original objective can be found in Appendix A. At the end of the first contact period with potential survey participants, a severely low response rate called for a second contact. Out of the original 1,432 participants contacted only three responses were received. The second contact was made through email using an updated survey letter. The contact list of potential participants was reduced to 828 participants for the second contact; this was done by eliminating potential participants from the original contact list so that only participants with email addresses were contacted. The second contact also produced a low response rate. Out of the 828 participants from the second contact, no new responses were received. Several possible reasons for the low response rate exist. First, the contact information could potentially be too out-of-date to produce significant contact results. Many of the postcards and emails came back as being undeliverable which supports this conclusion. Second, several of the federal incentives for energy-efficiency programs are beginning to expire giving little incentive for businesses to participate in the survey. Finally, disinterest in or perceived benefit from participating in the survey could have produced a low response rate.

In response to the low level of participation in the survey, the revised objectives for the research study were developed. Since many of the federal energy-efficiency programs are beginning to expire, it was concluded that there are more local and state energy-efficiency programs available to businesses. In the majority of states, businesses have more options—numerically—of state and local programs to participate in than federal programs. Business owners and managers should be made aware of federal, state, and local programs to find the best energy-efficiency program option for their establishment. In addition, since there has been little

to no information collected on whether information about energy efficiency programs has been effectively distributed to small businesses—as stated in the literature review—there is no way to determine if small businesses are aware of and understand the different programs available (Adams, Bucci, Green, & Markow, 2011). For these purposes, it was determined that information should be provided to small manufacturing businesses about energy-efficiency programs with financial incentives from federal, state, and local governments and utility companies.

The first revised objective of this research study will be to produce a manual to help small manufacturing businesses understand the types of energy-efficiency programs in which they can participate. To achieve this revised objective, in-depth explanations and descriptions of the types of energy-efficiency programs available to small manufacturing businesses will be included in the manual. In addition to the description of program types, a non-comprehensive list of programs by type and state will be included in the manual. The second revised objective of the research will be to provide recommendations for the types of programs that would be the best “fit” for certain types of small manufacturing businesses. Examples of other types of businesses that have successfully used specific types of energy-efficiency programs will be provided and explained to accomplish this objective.

The manual is not intended to be a complete directory of energy-efficient programs on the federal, state, and local levels. Instead, it is intended to supplement current lists and directories by providing businesses with informative descriptions of the general types of programs available to small manufacturing businesses. Such information is meant to help small manufacturing businesses understand the difference between types of energy-efficiency

programs and make educated decisions on which potential programs would best “fit” their individual business’ model and establishment.

The manual is composed of the entire Chapter 4 and Appendix C of this study. Four separate documents will be compiled to send by email to contacts from the original study’s potential participant list. Each of the documents will be formatted for one of the four geographical regions designated by the United States Census Bureau (United States Census Bureau, 2000). The regions are labeled as the Northeast, South, Midwest, and West. All of the documents will contain the contents of Chapter 4 of this study and the information from Appendix C for federal programs and the states within each specific region. Recipients of these documents will receive the document that is formatted for only the region in which their business is located. The purpose of splitting the documents up is to reduce the amount of information for states that will not apply to recipients based on location. An email will be sent with each document to explain the purpose of the manual. A copy of this email can be found in Appendix B.

Data Sources and Analysis

The data used in the research study will be composed of secondary data that has been collected by other individuals. The data gathered will be analyzed qualitatively and quantitatively. The qualitative analysis will entail describing and explaining the types of energy-efficiency programs available to small manufacturing businesses. In addition, the recommendation portion of the manual will also be produced from a qualitative analysis of the data. The quantitative analysis will include the grouping of programs into a list by program type and state of availability.

Population

The intended population of individuals who will benefit from this research study includes owners and managers of small manufacturing businesses. The completed manual will be distributed by email to those owners and managers from the top-five energy-consuming industries within the manufacturing sector that were contacted for participation in the original study's survey. It is believed that these are parties who could benefit the most from informative guidance in participation in energy-efficiency programs. This conclusion has been drawn after a review of the relevant literature which indicates that the manufacturing sector is one of the sectors that consumes the greatest percentage of energy in the United States. Additional support for this conclusion is a survey that shows that Food, Paper, Petroleum and Coal, Chemical, and Primary are the five industries within the manufacturing sector that are the most energy intensive (Manufacturing Energy Consumption, 2006).

Conclusion

Chapter Two has described the research methodology used to develop a manual to help small manufacturing businesses understand the types of energy-efficiency programs available for their participation and provide recommendations for what programs would best fit their specific business type. The following chapter will present the results from data analysis with the inclusion of the first three sections of the manual.

CHAPTER 4

Energy-Efficiency Program Manual

Introduction

The purpose of this manual is to effectively distribute information on the types of energy-efficiency programs available to small manufacturing businesses on the federal, state, and local levels in hopes that they will take the steps to make beneficial and sustainable changes within their businesses. The manufacturing industry is one of the industries that is most susceptible to rising energy prices and is a part of the sector that consumes the most energy within the United States (Payne, 2006; The NEED Project, 2011). The structure of this manual will be set up as follows: 1) description of program types, 2) recommendations for which program types fit specific business models using examples, 3) list of programs according to the state in which they are available.

Each state page will organize the program list according to the program types described at the beginning of the manual and whether they are applicable to facilities zoned as commercial, industrial, or both. For each state there will be two lists of program types; one list will be provided for commercially-zoned properties and the second will be provided for industrially-zoned properties. A rational classification system was developed after several inconsistencies were discovered with the classifications from one of the sources used to produce the list of programs in the manual. If the program explicitly stated it was for commercial or industrial companies then the program was listed under that classification for the corresponding state. If the program stated it was applicable to all businesses or all non-residential customers, it was reflected in the manual by being included on both property-type lists. An asterisk-system was

developed to indicate which programs classified as two program types, as applicable to commercial and industrial-zoned properties, or both as two program types and both property types. One asterisk beside the program name indicates the program classified as two program types and can be found twice on the list; once under each program type heading. Two asterisks beside the program name indicates that the program was for both commercially and industrially-zoned properties. These programs will be found once on each list under the same program type heading. Three asterisks beside the program name indicates programs that classified as two programs types and as both property types. These programs names will be found twice on each property-type list. The asterisk system is detailed in the footer of each page of the program by state and property-type list in the manual for easy reference.

Additional notes can be found on the program lists by state which include definitions of business size and if programs are currently closed to participation. It was discovered that some of the energy-efficiency programs with financial incentives were titled as “for small or large businesses” but the definitions of what qualified a business as small or large varied by program. Beside the program titles on the lists, the definitions for business size are briefly listed beside the business name in parentheses. Additional information (in parentheses by program titles) includes details about program inavailability and potential future availability. Programs that have expired and will not be reopened for participation in the future have been excluded from the program list included in this manual.

The manual is specifically designed for energy-efficiency programs that have financial incentives. Businesses can find programs with financial incentives as well as other programs with non-financial incentives on the source lists that support this manual (i.e., awards and expedited building reviews). If businesses are interested in learning more about these programs,

it is recommended that they look at the sources from which this manual produced its program list (listed in the paragraph below or in the resources section for the manual at the end of the manual). Business owners and managers are also encouraged to contact state and local governments and utility companies to inquire about additional programs—with or without financial incentives—if they do not find a program for their state or property type on the list in the manual.

The list in the manual is not intended to be a comprehensive list; the programs listed can be found through the United States Small Business Association's and the Database of State Incentives for Renewables & Efficiency's (DSIRE) websites. Instead, this manual is intended to be a supplement to such lists. The intention is to provide a description of the types of energy-efficiency programs available to help small manufacturing businesses understand and make informed decisions about which program types would best fit their business structure and establishment. The purpose of providing examples of businesses that have successfully used these programs is to give small manufacturing business managers and owners an idea of what programs other businesses have used based upon their specific business model. It is intended for managers and owners who use this portion of the manual to get an idea of what program might best fit their business. The manual should not be used exclusively in making a decision to participate in certain energy-efficiency programs but rather as a guide to help in the decision-making process.

Program Types

1. Tax Incentive Based

The Tax Incentive Based category in the manual lists programs with financial incentives that in some way effect either federal, state, or local taxes. Tax incentives can come in the

form of tax breaks, tax credits, tax exemptions, tax deductions or tax refunds. Tax breaks and tax credits are any tax incentives that reduce the amount of tax a company is paying. A tax refund is a refund of money to a business for paying or paying too much in taxes on items on which the business did not have to pay taxes or did not have to pay the total tax. Tax exemptions and exclusions are tax incentives that allow businesses to avoid paying certain taxes on specific qualifying equipment or facilities. To qualify for tax-based incentives, there are three primary types of action identified that small manufacturing businesses can take.

a. Technology Upgrade:

For this type of tax-based incentives, a small manufacturing business would have to purchase and/or install a type of equipment. In some cases, the equipment might be energy-efficiency equipment while other incentives might specify clean or renewable energy production systems. A common example of this type of incentive is a sales tax exclusion or refund for a business that purchases wind-energy equipment. Not all tax incentives require the business to have recently purchased equipment to receive a financial benefit. Another example of a tax incentive of this type would be a property tax abatement or reduction for businesses with wind-energy systems. One federal incentive is a tax deduction for having an approved energy-efficient building. In this case, it is not just about having one kind of energy-efficiency equipment; it is about a combination of equipment and practices to be more energy-efficient. In addition, businesses that use or have the equipment to use certain renewable energy sources can qualify for some of these tax incentives. Consequently, a business would not necessarily have to upgrade their technology annually to be able to benefit from tax incentives based on technology

upgrades. Rather, it is only necessary that they have specific energy-efficient technology systems in place to either receive a one-time or annual benefit, depending on the tax incentives available to them in regards to their business' location and the governmental level of the incentive.

b. Technology Production:

The necessary actions that a small manufacturing business would have to take to qualify for these tax incentives are more complicated and restrictive than the other two action-types. This action-type depends on the line of work the business performs; advancement of some kind in the energy-efficiency technology industry is required for qualification. An example of this would be receiving a corporate tax exemption for production of wind-energy systems or parts for wind-energy systems. Production of some energy-efficient appliances could also potential qualify in some states and localities. Companies within these industries can also qualify to receive job tax credits for moving their business to a state or area with a tax incentive for creating jobs in the energy-efficiency technology industry. Another way to qualify for these type incentives is an investment and work in renewable energy sources. For most small manufacturing businesses, qualifying for these incentives will not be feasible unless they are already in the energy-efficiency technology industry or are planning on making a business model change into the industry.

c. Energy Production:

For this action-type, businesses have to meet additional requirements beyond those required for the technology upgrade incentives. To qualify, businesses must not only have the specific equipment for clean or renewable energy production systems but

they must also produce certain levels of energy from those systems. For example, to apply for certain tax credits a business might be required to produce a minimum number of watts of energy in a year. Other tax credits change in the rate or amount of available credit based on the level or number of watts a business' clean energy system produces. This action-type for incentive qualification is also more difficult for small manufacturing businesses to qualify, because often their business is focused more on production of goods versus their production of energy. However, if a small manufacturing business has the necessary energy-production equipment, they might have the ability to make efficient use of it and could qualify for one of these tax-based incentives.

2. Grant, Loan, and Bond Based

The Grant, Loan, and Bonds based incentives in the manual lists programs with financial incentives that are available for participation to small manufacturing businesses whereby they can qualify to receive money to help in the company's energy-efficiency endeavors. These incentives can provide aid for the payment of energy-efficiency technology or for aid to help for the payment of an energy audit. The types of energy-efficiency technology that would qualify to receive these incentives could be equipment that is being purchased or installed to improve a facility, equipment that is being purchased or installed for the construction of a facility, and equipment or other necessities for the production of energy-efficient technologies. Aid payment for these measures could come from grants, loans, or bonds from either federal, state, or local levels. Grants allow businesses to apply for and receive financial aid to carry out specific programs or actions without being expected to pay the money back. Loans are made when a business applies to

and borrows money to carry out specific programs or actions but is expected to pay the money back with interest. Bonds-based incentives are similar to loans for businesses in that money is applied for and borrowed to carry out specific programs or actions with the expectation of paying back the money with interest. However, bonds-based programs receive the money by issuing bonds through a financing company. So while bonds-based and loan programs have many similar qualities for the business, there is a difference in how the money is being generated for borrowing. To qualify for grant, loan, and bonds based incentives there are three primary types of action identified that small manufacturing businesses could make.

a. Technology Upgrade:

Businesses that want to receive aid from a grant, loan, or bond-based incentive that requires a technology upgrade will have to purchase energy-efficiency equipment or clean/renewable energy-production equipment. Depending on the specific program, the purchase could be for an existing facility or for a new facility that is to be constructed. It is also possible to receive aid to pay for the installation costs of certain energy-efficiency equipment and renewable energy equipment. Aid can range from paying a percentage of the total project cost to covering just installation costs. It is important that businesses looking to apply for such programs read and understand what kind of aid and how much they will be receiving since these programs vary greatly. To receive these incentives, businesses must generally submit an application or detailed proposal for approval of what changes are being made, why changes are being made, or why equipment is being purchased. In some cases, businesses might have to consult with an energy auditor or energy-efficiency specialist. Small manufacturing businesses that are looking to become

more energy-efficient through new equipment should look through the programs available to them before making purchases to determine if they can receive financial aid for the project.

b. Technology Production:

Small manufacturing businesses that are invested in developing energy-efficiency technology, innovative energy solutions specific to their industry's manufacturing techniques and processes, or renewable energy generation technology could receive financial aid for certain costs related to these endeavors. Businesses can apply or submit proposals to help pay for varying percentages of research and development costs or pilot project costs. In some states and localities, businesses can receive aid to help with the expansion or development of business facilities into certain geographical areas. Applications and proposals are typically required to receive approval before businesses can receive these incentives.

c. Energy Audits:

Small manufacturing businesses that want to transform their buildings and facilities to become more energy-efficient may sometimes have energy audits performed to monitor their performance and to learn of improvements they can make. Some energy-efficient programs with financial incentives may call for a business to undergo an energy audit to determine if they qualify for the program. In addition, some states and localities recognize businesses with energy-efficient facilities by presenting them with awards and non-financial incentives. In such cases, energy audits may be performed to determine a business's eligibility for such awards. Some energy-efficiency programs may provide energy audits and assessments without charges, while most done by a qualified

professional will require the business to pay for the service. There are some energy-efficiency programs that will provide businesses with the financial aid to cover a percentage or the total cost of the audit. Small manufacturing businesses that are interested in becoming more energy-efficient but do not know where to begin would benefit from participating in one of these programs and having an energy audit performed.

3. Rebate and Fee Waiver

The Rebate and Fee Waiver program type in the manual lists programs with financial incentives that are available for participation to small manufacturing businesses in which they can qualify to receive money back or qualify to waive specific fees. Programs with rebate incentives allow businesses to receive back a portion of the costs of energy-efficient equipment or projects. Qualifications for rebates vary based upon the type and size of equipment, the amount of saving incurred by using the new equipment, and—in the case of renewable energy generation equipment—how much energy is produced from the new equipment. Several of the energy-efficiency rebate programs listed in the manual have been indicated to also be Energy Production for Payment programs since some of the rebates are earned through the energy produced from the new equipment. However, the rebate programs that are listed as both typically allow businesses to earn only a portion of the project costs back, while programs that are only Energy-Production for Payment typically can earn back more. An exception to this would be certain rebate programs which give businesses producing a certain level of renewable energy the option to enter into a contract for payment that would allow the businesses to earn more. Fee-waiver programs reward businesses that have taken certain energy-efficient steps and been approved as an energy-efficient business

by waiving specific fees such as building permit fees and applications fees. To qualify for rebate and fee waiver based incentives, there are two primary types of action identified that small manufacturing businesses could make.

a. Technology Upgrade:

Most rebate and fee-waiver programs require a business to have made some sort of upgrade in their equipment and technology to save energy and cut energy expenses. Potential upgrades in equipment that would qualify for one of these programs include energy-efficient appliances—such as HVAC systems, lighting, etc., energy-efficient facility building materials, and renewable energy production equipment. Rebates can be awarded based upon the type, size, or brand of equipment purchased. Other programs may award rebates based upon the amount of energy cost savings the new equipment produces. Businesses that have purchased renewable energy generation equipment might be rewarded rebates annually based upon the level of energy production of the new equipment. Programs that waive fees instead of awarding rebates usually are based upon the proven energy-efficiency of the business. For example, some local governments will present energy-efficient businesses with awards and then will allow permit and business plan application fees to be waived. Some of these type programs require that a business apply or submit a proposal for approval before purchase of new equipment. Small manufacturing businesses that are updating old equipment or purchasing new equipment with the intent of becoming more energy-efficient should look into these programs to determine if they can receive rebates on the equipment they plan to purchase. Small manufacturing businesses that have already become energy-efficient should contact local

utilities and governments to determine if they could win an award and receive benefits such as fee-waivers.

b. Technology Production:

Small manufacturing businesses that are involved in energy-efficiency technology production, innovative energy solutions, or renewable energy generation technology may be able to qualify for reimbursement of certain costs or have specific fees waived on the state or local levels. Businesses who participate in technology production could receive rebates for project costs or for the purchase of equipment to use for this purpose.

Businesses in this industry could also qualify to have fees waived for expansion or facility creation in applicable geographical areas.

4. Consultation Programs

The Consultation Programs program type in the manual lists programs with financial incentives in which small manufacturing businesses can receive consultation on how to cut energy expenses. Consultation programs begin with a business receiving an energy audit or assessment. Some programs require this assessment to be performed by a qualified individual chosen by the program. However, some programs might ask an individual from the business to take a survey in which questions are asked to assess the state of the facility. Once the energy audit or assessment has been performed businesses will receive feedback on what needs to be improved upon to become more energy efficient. Consultation programs will also typically make recommendations on equipment and technologies in which the company should invest to become more energy-efficient. Many of these programs will also inform businesses of rebates they would qualify for if suggested improvements are made. It is for that reason a number of the consultation programs listed in the manual are also listed

under the Rebate and Fee Waiver classification. Some consultation programs are provided free to businesses by local governments, utilities, and universities. However, businesses may have to pay for participation in some consultation programs. Small manufacturing businesses who would like step-by-step guidance with a customized plan to become more energy-efficient would benefit from participation in a consultation program.

5. Energy Production for Payment

The Energy Production for Payment program type in the manual lists programs with financial incentives in which small manufacturing businesses can receive payment for renewable or clean energy production. Businesses that have invested in the purchase of clean energy or renewable energy generation systems might have the option of participating in programs that pay for the energy or excess energy produced by these systems. Most of the programs require that participating businesses be tied to a grid (connected to an electric grid for easy energy transportations) for the program; however, this is not true of all the programs. If a business is required to be grid-tied, they might be required to pay for the costs to be connected to the grid. For qualification, businesses might be expected to generate a specific level of energy annually, or they might be allowed to just sell excess energy that is produced by their system. Payment typically is based upon a rate per watt, kilowatt-hours, etc. and can be either made through cash payments or credits against a business's energy bill. Most businesses will be expected to enter into short-term or long-term contracts. Some programs may set the rate in the contract and provide tier rates based upon the amount of energy produced. Small manufacturing businesses that are interested in or are already invested in energy generation systems for their facilities might be able to benefit from these programs if their equipment qualifies for the program.

The following section will detail and analyze examples of the successful use of each of the five program types by real-life companies.

Recommendations

For each program type, a documented situation will be introduced and analyzed. The type of business will be compared to the type of program used. In addition, the actions the company had to take to participate in the program and the financial saving results will be shared for each case.

1. Tax Incentive Based

In an article dated July 2009, the energy savings potential of car dealerships was discussed with the use of a federal tax incentive (Goulding, Goldman and Kumar, 2009). The tax incentive is a tax deduction pursuant of the Energy Policy Act in which commercial buildings can obtain large tax savings by upgrading their facilities. Updated facilities can either save \$1.80 per sq. ft. as a whole or can qualify for sub levels of the deduction for saving of \$0.30-0.60 per sq. ft.

Small manufacturing businesses that are looking to update their facilities might be able to qualify for this federal tax deduction which could produce large savings energy-wise as well tax incentive-wise.

2. Grant, Loan, and Bond Based

In an effort to cut expenses and save energy, a Minnesota specialty food company applied for and received financing from Alliant Energy (Shared Savings, 2011). Alliant Energy helped the Minnesota company identify and choose the equipment upgrade, in addition to providing financing for the equipment purchased. By updating the

boiler/water system, the Minnesota company was able to cut its annual energy bill from \$82,404 to \$61,999. After an annual payment to the loan of \$11,352, the company still has excess savings of \$9,053.

Small manufacturing businesses that are in need of funding to help make energy-efficiency upgrades can use savings on energy bills to pay loan payments. Businesses making improvements can benefit from partnering with the establishment providing the grant or loan to pick the best choice for new equipment.

3. Rebate and Fee Waiver

American Crystal Sugar Company recently participated in the Bright Energy Solutions* program, which is an energy-efficiency program offered by Moorhead Public Service (MPS) (“Bright Energy Solutions- Success Stories,” 2012). American Crystal Sugar Company made several technology upgrades of their process motors in order to become a more energy-efficient business. The resulting upgrades are estimated to save the company around 863,081 kilowatt hours per year. By participating in the Bright Energy Solutions* program, American Crystal Sugar Company received more than \$44,000 in rebates from the technology purchased for the upgrades.

In this example, the company wanted to make technology upgrades to specific equipment within in their business production process and was able to qualify for rebates. Consequently, in addition to saving energy, the company has received money back and saved money in the long run through the rebates and the reduced energy costs.

4. Consultation Program

Aircraft Engineering & Installation Services, Inc. (AEI) is a Florida based small manufacturing business that partnered with the University of Central Florida's Small Business Development Center (SBDC) to make energy-efficient changes to a new facility ("2002 Small Business Award Winners," 2002). When moving into a new 24,000 sq. ft. facility, the president of the company asked the SBDC for consultation on how to improve the energy-efficiency of the building. The recommendations resulted in changes to the roof, lighting, and air conditioning system. A new roof with added insulation and high-reflectivity membrane to reduce heat gain was placed on the building. Skylights were installed as a passive daylighting system on the second floor which also increased the productivity of employees. The rest of the building installed T-8 fluorescent fixtures with electronic ballasts with occupancy sensors wherever possible. Exit signs were also upgraded to highly efficient light-emitting diode (LED) models. In addition, the air conditioning system was improved to a high-efficiency model with electronic controls. The calculated annual savings for AEI is over \$14,000, due to about 207,000 kWh of electricity savings which also prevents about 459,000 lbs. of CO₂ emissions annually.

The consultation program worked well for this business because they were moving into a bigger building and the president wanted to improve the energy-efficiency of the facility as a whole. In this example, the company did not desire to upgrade production equipment or implement new renewable energy generation equipment.

5. Energy Production for Payment

Cargill Krefeld is a wet corn mill that has become an active partner to the EPA's ENERGY STAR program ("Profiles in Energy Efficiency," 2010). To power its wet

corn mill system, the mill was originally equipped with large coal boilers that linked to a steam turbine to produce electricity. Later, a fuel-oil combined heat and power system was added. However, rising fuel costs and poor fuel quality made the new system too costly to operate and the older coal boilers were out-of-date. Cargill replaced the old systems with a natural gas fired CHP system and retrofitted the old fuel oil CHP units to run on natural gas. New steam parameters were established to maximize efficiency that enabled the use of more efficient counter-pressure extraction turbines which increased electricity production. The excess electricity produced by the CHP units now incurs revenue to Cargill from the update of equipment. This is in addition to improved efficiency, cleaner production processes, and lowered fuel costs. Small manufacturing businesses that are suffering from high energy or fuel costs could potentially benefit from a change in energy production equipment. A possible added benefit of this would be excess generation that could potentially be sold for a credit against energy bills or for a profit.

Program List by State

See Appendix C for the program list by states. Each state has two lists—one for commercially-zoned properties and one for industrially-zoned properties—of the programs types described above. An index is provided in the manual with state and page number following the program descriptions to help users quickly locate the state of interest.

CHAPTER 5

Conclusions and Recommendations

The purpose of this research was to produce a manual to help small manufacturing businesses understand the types of energy-efficiency programs in which they can participate and provide recommendations for the types of programs that would be the best “fit” for certain types of small manufacturing businesses. The following sections of this chapter will detail the conclusions and recommendations drawn from the research. Recommendations for future research will also be made.

Conclusions

Several conclusions were drawn from the study of energy efficiency programs on the federal, state, and local levels. The researcher concluded that, in the majority of states, there are more local and state level energy-efficiency programs available than federal programs for small manufacturing businesses. This conclusion was drawn after comparing the number of available programs from the federal page to the individual state pages in the list from Appendix C. Small manufacturing businesses may not be aware of this fact or the benefits of contacting local utilities, local governments, and state governments about energy-efficiency programs with financial incentives. The researcher also concluded that the definition of a small business is not consistent across the various programs. In fact, most definitions of a small business by the energy-efficiency programs do not match the definition set forth by the United States Small Business Association (SBA). The SBA defines small businesses by employee size, stating that small manufacturing businesses range from an employee size of 1 to 1,500 employees with 500 being the industry average (Summary of Size Standards by Industry, 2012). Many of the energy-

efficiency programs define small businesses by other standards such as facility size, average monthly or annual energy costs, or amount of energy production from a renewable energy generation system. Many of the energy-efficiency programs are summarized and explained in the sources provided through the SBA, an informative resource for small businesses. A final conclusion drawn by the researcher is that it is difficult to read and understand this resource. In addition to being hard to understand, there were several energy-efficiency programs listed through the sources that were no longer available for various reasons. These problems could potentially provide confusion and discouragement to small manufacturing business owners and managers who are interested in becoming more energy-efficient. Because the manual provided by this study explains these programs in more general terms, identifies the different definitions of a “small” manufacturing business, excludes programs that have completely expired, and identifies which programs are closed but will or potentially will reopen it can be assumed that this manual will be beneficial to small manufacturing business owners and managers.

Possible Explanations

Several possible reasons for the conclusions drawn from the research exist. Possible explanations for the existence of more state and local energy-efficiency programs than federal could be due to the expiration of several federal programs. In addition, state and local programs could be better equipped to serve businesses within their geographical programs than federal programs. State and local programs would have more opportunities to provide a wide variety of programs with financial incentives based upon the types of businesses and industries present in their areas. A possible explanation for the difference in the definition of a “small business” among the programs could be the result of a lack of clear guidelines for the development of energy-efficiency programs targeting specific business sizes. Explanations for the difficulty in

understanding the program summaries are centered on the writing style used for program descriptions. Technical jargon that is scientific and legal in nature is used for the summaries which make reading the program summaries more challenging. This writing style can also make understanding what a business has to do to qualify for the program problematic and overly complicated. In addition, while including programs which have expired in the resource list can provide good references, they also can seem discouraging if it is not clearly stated that the program is expired. Furthermore, seeing several expired and closed programs could cause small manufacturing business owners and managers to feel that research into other programs is futile.

Recommendations

As a result of the research results, several key recommendations have been formulated. First, a better resource to educate businesses on what energy-efficiency programs are available to them should be developed. The revised objective of this research was to develop a manual for small manufacturing businesses. However, similar resources would benefit businesses in other industries. If clearer and easier to understand guides to energy-efficiency programs were developed, more businesses of all sizes might be more apt to participate in such programs. Second, better guidelines on the definitions used to describe business-type and size for program requirements would help businesses navigate which programs would be available to their business type and size. If a small manufacturing business owner or manager was to perform a search for small businesses energy-efficiency programs, they could potentially be missing other programs that are classified as large but would actually be available to small businesses based upon factors other than employment size. Such recommended guidelines would also provide for increased understandability for energy-efficiency programs.

Future Research Recommendations

The research could be expanded by using more secondary data sources for the discovery of more energy-efficiency programs available on all levels. If more sources were used, a more accurate listing of programs by state could have been developed for businesses. Some states could potentially be misrepresented by the number of programs from the sources used for this research study. Program lists by state could be more extensive and offer small manufacturing business owners or managers a better idea of the number of programs available to them. In addition, future research could break the program lists down to identify which programs are state-wide and which are local. For this research study, it was not possible given the number of programs identified for each state.

Additional future research could be formed to extract primary data on the benefits derived from the manual produced by this research study. Small manufacturing business owners and managers who will receive this manual could be later surveyed to identify whether this manual was a helpful and informative resource about energy-efficiency programs with financial incentives. A future survey could also determine if any of the businesses receiving this manual took measures to participate in any energy-efficiency programs. Primary data that would be produced from such potential future research would provide insight as to whether or not better resources should be developed for the education of small businesses concerning available energy-efficiency programs with financial incentives.

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APPENDICES

Appendix A

Original Research Objective Survey Instrument

Federal Energy Efficiency Program Awareness

1. Aware of the federal energy-efficiency programs with financial incentives offered to you as a small business.	True	False
2. Commercial property owners can take up to a \$1.80/sq. ft. tax deduction if specific energy reduction targets are met due to building improvements such as heating/cooling systems.	True	False
3. If the energy reduction targets mentioned in the previous question are not met, the business could still qualify for a partial deduction.	True	False
4. Grants and loans can be obtained by rural small businesses for assistance with energy-efficiency improvements and purchasing renewable energy systems.	True	False
5. Federal energy-efficiency programs are available only to large, manufacturing corporations.	True	False
6. Grants can be obtained by rural small businesses from the federal government to help pay for energy audits.	True	False
7. Small businesses receiving a grant to help pay for an energy audit must pay for 50% of the audit themselves.	True	False

<p>8. Businesses can qualify to recover investments in certain renewable energy technologies by using the federal Modified Accelerated Cost-Recovery System (MACRS).</p>	<p>True</p>	<p>False</p>
<p>9. If your business receives an award for being a “green” business, you are eligible for a Green Business Initiative tax deduction.</p>	<p>True</p>	<p>False</p>
<p>10. A business who generates electricity through the use of renewable energy technologies and sells the electricity to an unrelated party could qualify for a production tax credit.</p>	<p>True</p>	<p>False</p>
<p>11. How many employees does your business establishment have?</p>	<p><500</p>	<p>>500</p>
<p>12. In what state is your business located?</p>		
<p>13. Choose the industry type of your business.</p>	<p><input type="checkbox"/> Chemical <input type="checkbox"/> Paper <input type="checkbox"/> Petroleum and Coal <input type="checkbox"/> Primary Metals <input type="checkbox"/> Food</p>	

Appendix B

Email to Manual Recipients

Energy-Efficiency Program Manual for Small Manufacturing Businesses

Dr. Doug Dotterweich and Brittany Coleman (student) have conducted research into energy-efficiency programs with financial incentives available to small manufacturing businesses. This email is being sent to you because you were previously contacted for participation in a survey concerning awareness for federal energy-efficiency programs. The document that is attached to this email is a supplemental guide to energy-efficiency programs for small manufacturing businesses.

Information is provided for federal, state, and local energy-efficiency programs. The manual will provide description of types of energy-efficiency programs and examples of businesses that have successfully used similar programs are included. In addition, a list of examples of programs for each state and for federal programs is included. The set up of the manual is further detailed in the introduction of the manual. The manual you are receiving has been formatted to include only federal programs and state/local programs based on the geographical region in which your business establishment is located. It is not necessary to read through the entire program list at the end of the manual to find the information for your state. An index is provided for quick reference.

If you are receiving this email but are not a manager or owner within the business who is in the position to make decisions about energy usage, environmental policy, or cutting expenses, please forward this email to personnel who meet these requirements. We hope this manual will be informative and useful to your business.

Here is a list of the e-mails if you have any concerns:

Dr. Doug Dotterweich (dotterwe@etsu.edu)
Brittany Coleman (colemanb@goldmail.etsu.edu)

Appendix C

Energy Efficiency Manual Program List

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Alabama

Commercial-Zoned Properties:

1. Tax Incentive Based

- a. Technology Upgrade:**
- b. Technology Production:**
- c. Energy Production:**

2. Grant, Loan, and Bond Based

- a. Technology Upgrade:**
 - Biomass Energy Program**
 - AlabamaSAVES Revolving Loan Program**
 - TVA Partner Utilities - *energy right* Heat Pump Program
- b. Technology Production:**
- c. Energy Audits:**

3. Rebate and Fee Waiver

- a. Technology Upgrade:**
 - i. TVA - Energy Right Solutions for Business***
 - ii. TVA Partner Utilities - *energy right* Water Heater Program
- b. Technology Production:**

4. Consultation Programs

- TVA - Energy Right Solutions for Business***
- Alabama E3: Economy, Energy and Environment**
- University of Alabama Industrial Assessment Center (AIAC)**

5. Energy Production for Payment

- TVA-Generation Partners Program **
- TVA - Mid-Sized Renewable Standard Offer Program**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

Industrial-Zoned Properties:

6. Tax Incentive Based

- a. Technology Upgrade:**
- b. Technology Production:**
- c. Energy Production:**

7. Grant, Loan, and Bond Based

- a. Technology Upgrade:**
 - i. Biomass Energy Program**
 - ii. AlabamaSAVES Revolving Loan Program**
- b. Technology Production:**
- c. Energy Audits:**

8. Rebate and Fee Waiver

- a. Technology Upgrade:**
 - i. TVA - Energy Right Solutions for Business***
- b. Technology Production:**

9. Consultation Programs

- TVA - Energy Right Solutions for Business***
- Alabama E3: Economy, Energy and Environment**
- University of Alabama Industrial Assessment Center (AIAC)**

10. Energy Production for Payment

- TVA-Generation Partners Program **
- TVA - Mid-Sized Renewable Standard Offer Program**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

Alaska

Commercial-Zoned Properties:

1. **Tax Incentive Based**

- a. **Technology Upgrade:**
- b. **Technology Production:**
- c. **Energy Production:**

2. **Grant, Loan, and Bond Based**

- a. **Technology Upgrade:**
- b. **Technology Production:**
- c. **Energy Audits:**

3. **Rebate and Fee Waiver**

- a. **Technology Upgrade:**
 - Golden Valley Electric Association - Commercial Lighting Retrofit Rebate Program*
- b. **Technology Production:**

4. **Consultation Programs**

- Golden Valley Electric Association - Commercial Lighting Retrofit Rebate Program*

5. **Energy Production for Payment**

- Golden Valley Electric Association - Sustainable Natural Alternative Power (SNAP) Program**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

- a. **Technology Upgrade:**
- b. **Technology Production:**
- c. **Energy Production:**

7. Grant, Loan, and Bond Based

- a. **Technology Upgrade:**
- b. **Technology Production:**
- c. **Energy Audits:**

8. Rebate and Fee Waiver

- a. **Technology Upgrade:**
- b. **Technology Production:**

9. Consultation Programs

10. Energy Production for Payment

- a. Golden Valley Electric Association - Sustainable Natural Alternative Power (SNAP) Program**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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Arizona

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Non-Residential Solar & Wind Tax Credit**
- Energy Equipment Property Tax Exemption**

b. Technology Production:

- Renewable Energy Business Tax Incentives**
- Solar and Wind Equipment Sales Tax Exemption

c. Energy Production:

- Renewable Energy Production Tax Credit

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- APS - Solutions for Business Financing**
- Sulphur Springs Valley EC - SunWatts Loan Program
- Sulphur Springs Valley EC - Residential Energy Efficiency Loan Program

b. Technology Production:

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- City of Tucson - Permit Fee Credit for Solar Energy Systems

**Indicates the program qualifies under two program-types*

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- City of Maricopa - Solar Rebate Program*
- City of Phoenix - Energize Phoenix Commercial Incentives
- APS - Energy Efficiency Solutions for Business**
- APS - Renewable Energy Incentive Program***
- Mohave Electric Cooperative - Renewable Energy Incentive Program
- Southwest Gas Corporation - Combined Heat and Power Program**
- Southwest Gas Corporation - Commercial High-Efficiency Equipment Rebate Program
- Southwest Gas Corporation - Large Commercial Energy-Efficiency Boiler Program
- SRP - EarthWise Solar Energy Incentive Program*
- SRP - PowerWise Business Solutions Energy Efficiency Rebate Program**
- Sulphur Springs Valley EC - SunWatts Rebate Program***
- TEP - Renewable Energy Credit Purchase Program***
- TEP - Commercial Energy Efficiency Rebate Program** (on hold as of 3/19/2012)
- TEP - Small Business Energy Efficiency Rebate Program** (on hold as of 3/19/2012)
- Trico Electric Cooperative - SunWatts Incentive Program*
- UES - Commercial Energy Efficiency Rebate Program**
- UES - Commercial Energy Efficiency Rebate Program (Gas Customers)**
- UES - Renewable Energy Credit Purchase Program ***

**Indicates the program qualifies under two program-types*

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b. **Technology Production:**

4. **Consultation Programs**

5. **Energy Production for Payment**

- City of Maricopa - Solar Rebate Program*
- Electric District No. 3 - Solar Rebate Program
- Trico Electric Cooperative - SunWatts Incentive Program***
- UES - Renewable Energy Credit Purchase Program ***
- TEP - Renewable Energy Credit Purchase Program***
- Sulphur Springs Valley EC - SunWatts Rebate Program***
- APS - Renewable Energy Incentive Program***
- SRP - EarthWise Solar Energy Incentive Program*

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Non-Residential Solar & Wind Tax Credit**
- Energy Equipment Property Tax Exemption**

b. Technology Production:

- Renewable Energy Business Tax Incentives**

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- APS - Solutions for Business Financing**

b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- APS - Energy Efficiency Solutions for Business**
- Southwest Gas Corporation - Combined Heat and Power Program**
- SRP - PowerWise Business Solutions Energy Efficiency Rebate Program**
- SRP - PowerWise Business Solutions Energy Efficiency Rebate Program**
- TEP - Small Business Energy Efficiency Rebate Program** (on hold as of 3/19/2012)

**Indicates the program qualifies under two program-types*

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- TEP - Commercial Energy Efficiency Rebate Program** (on hold as of 3/19/2012)
- TEP - Renewable Energy Credit Purchase Program***
- UES - Commercial Energy Efficiency Rebate Program**
- UES - Commercial Energy Efficiency Rebate Program (Gas Customers)**
- Sulphur Springs Valley EC - SunWatts Rebate Program***
- APS - Renewable Energy Incentive Program***
- Trico Electric Cooperative - SunWatts Incentive Program***
- UES - Renewable Energy Credit Purchase Program ***

b. **Technology Production:**

9. **Consultation Programs**

10. **Energy Production for Payment**

- Sulphur Springs Valley EC - SunWatts Rebate Program***
- APS - Renewable Energy Incentive Program***
- TEP - Renewable Energy Credit Purchase Program***
- Trico Electric Cooperative - SunWatts Incentive Program***
- UES - Renewable Energy Credit Purchase Program ***

**Indicates the program qualifies under two program-types*

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Arkansas

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

b. Technology Production:

- Wind Energy Manufacturing Tax Incentive**

c. Energy Production:

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- OGE - Geothermal Heat Pump Program
- Small Business Revolving Loan Fund

b. Technology Production:

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- SourceGas - Commercial and Industrial Energy Efficiency Rebate Program**
- OGE - Commercial Energy Efficiency Rebate Programs**
- Empire District Electric - Commercial & Industrial Energy Efficiency Rebates**
- CenterPoint Energy - Business Gas Heating Rebates**

**Indicates the program qualifies under two program-types*

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- AEP SWEPCO - Residential and Small Commercial Energy Efficiency Rebate Program**
- AEP SWEPCO - Commercial and Industrial Energy Efficiency Rebate Programs**

b. **Technology Production:**

4. **Consultation Programs**

- Entergy Arkansas - Residential Energy Efficiency Programs
- Entergy Arkansas - Commercial and Industrial Energy Efficiency Programs**

5. **Energy Production for Payment**

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

b. Technology Production:

- Wind Energy Manufacturing Tax Incentive**

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Industrial Energy Technology Revolving Loan Fund

b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- SourceGas - Commercial and Industrial Energy Efficiency Rebate Program**
- OGE - Commercial Energy Efficiency Rebate Programs**
- Empire District Electric - Commercial & Industrial Energy Efficiency Rebates**
- CenterPoint Energy - Business Gas Heating Rebates**
- AEP SWEPCO - Residential and Small Commercial Energy Efficiency Rebate Program**
- AEP SWEPCO - Commercial and Industrial Energy Efficiency Rebate Programs**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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b. **Technology Production:**

9. **Consultation Programs**

- Entergy Arkansas - Commercial and Industrial Energy Efficiency Programs**

10. **Energy Production for Payment**

**Indicates the program qualifies under two program-types*

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California

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Property Tax Exclusion for Solar Energy Systems**

b. Technology Production:

c. Energy Production:

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Local Option - Municipal Energy Districts** *In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided. The following local programs are still available:*

1. City of Palm Desert - Energy Independence Program**
2. City of San Francisco – GreenFinanceSF
3. Los Angeles County - Commercial PACE
4. Sonoma County - Energy Independence Program**
5. Western Riverside Council of Governments - Large Commercial PACE *(facility size has to be 50,000 square ft. or greater)*

- Burbank Water & Power - Business Bucks Energy Efficiency Grant Program **

- Anaheim Public Utilities - Low-Interest Energy Efficiency Loan Program*

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- City of Palo Alto Utilities - Commercial and Non-Profit Efficiency Loan Program***
- SCE - Non-Residential On-Bill Financing Program ** (*Temporarily suspended until more funds become available*)
- SDG&E - Non-Residential On-Bill Financing Program**
- SMUD - Commercial Energy Efficiency Loan Program**
- SoCalGas - Non-Residential On-Bill Financing Program**

b. Technology Production:

- Riverside Public Utilities - Energy Efficiency Technology Grant Program

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- City of Santa Monica - Building Permit Fee Waiver for Solar Projects
- San Diego County - Green Building Program**
- City of San Francisco - Commercial Efficiency Rebates
- City of San Francisco - Solar Energy Incentive Program**
- California Solar Initiative - PV Incentives**
- Marin County - Solar Rebate Program**
- California Solar Initiative - Solar Water Heating Rebate Program
- Self-Generation Incentive Program***
- Ukiah Utilities - PV Buydown Program
- Turlock Irrigation District - PV Rebate*
- Truckee Donner PUD - Photovoltaic Buy Down Program*

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- Truckee Donner Public Utility District - Energy Conservation Rebate Program
- SoCalGas - Non-Residential Energy Efficiency Rebate Programs**
- SoCalGas - Custom Non-Residential Energy Efficiency Program**
- SMUD - Non-Residential PV Incentive Program***
- SMUD - Commercial Energy Efficiency Rebate Program**
- Silicon Valley Power - Solar Electric Buy Down Program*
- Silicon Valley Power - Commercial Energy Efficiency Rebate Program**
- SDG&E (Gas) - Energy Efficiency Business Rebates**
- SDG&E - Premium Efficiency Commercial Cooling Program*
- SDG&E (Electric) - Energy Efficiency Business Rebates**
- SCE - Non-Residential Energy Efficiency Programs***
- Savings by Design (Offered by five Utilities)**
- Roseville Electric - Solar Rebate Program***
- Roseville Electric - Commercial Energy Efficiency Rebate Program
- Riverside Public Utilities - Non-Residential PV Incentive Program*
- Riverside Public Utilities - Commercial Energy Efficiency Rebate Program
- Redding Electric - Residential and Commercial Energy Efficiency Rebate Program
- Redding Electric - Residential and Commercial Energy Efficiency Rebate Program *(The incentive for PV systems has been suspended, but the*

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incentive for geothermal heat pump and solar water heater systems is still available)

- Plumas-Sierra REC - PV Rebate Program***
- PG&E(Electric) - Non-Residential Energy Efficiency Rebates**
- PG&E (Gas) - Non-Residential Energy Efficiency Rebates**
- Pasadena Water and Power - Solar Power Installation Rebate*
- Pasadena Water and Power - Commercial Energy Efficiency Rebate Program** *(Temporarily suspended but will begin again at a time TBA in 2012)*
- Pacific Power - PV Rebate Program***
- Pacific Power - FinAnswer Express**
- Pacific Power - Energy FinAnswer**
- Moreno Valley Electric Utility - Solar Electric Incentive Program*
- Modesto Irrigation District - Photovoltaic Rebate Program***
- Modesto Irrigation District - Custom Commercial Energy Efficiency Rebate Program**
- Modesto Irrigation District - Commercial New Construction Rebate Program**
- Modesto Irrigation District - Commercial Energy Efficiency Rebate Program**
- Merced Irrigation District - PV Buydown Program*
- Lodi Electric Utility - PV Rebate Program***
- Lodi Electric Utility - Commercial Energy Efficiency Rebate Program**

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- Lassen Municipal Utility District - PV Rebate Program*
- City of Palo Alto Utilities - Commercial and Non-Profit Efficiency Loan Program***
- Alameda Municipal Power - Commercial Energy Efficiency Rebate Program
- Alameda Municipal Power - Commercial New Construction Rebate Program**
- Alameda Municipal Power - Solar Photovoltaics Rebate Program*
- Anaheim Public Utilities - Commercial & Industrial New Construction Rebate Program**
- Anaheim Public Utilities - Commercial Energy Efficiency Rebate Programs**
- Anaheim Public Utilities - Green Building Rebate Program***
- Anaheim Public Utilities - PV Buydown Program* (*Closed to applications until January 2013*)
- Anaheim Public Utilities - Small Business Energy Management Assistance Program***
- Azusa Light & Water - Solar Partnership Program***
- Burbank Water & Power - Energy Solutions Business Rebate Program**
- Burbank Water & Power - Green Building Incentive Program
- Burbank Water and Power - Residential & Commercial Solar Support Program***
- City of Lompoc Utilities - PV Rebate Program***

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- City of Gridley Utilities - PV Buy Down Program***(*Closed for 2012-13 applications*)
- City of Healdsburg - PV Incentive Program ***
- City of Lompoc Utilities - Commercial Energy Efficiency Rebate Program
- City of Palo Alto Utilities - Commercial Energy Efficiency Rebate Program**
- City of Palo Alto Utilities - PV Partners***
- City of Palo Alto Utilities - Solar Water Heating Program**
- City of Shasta Lake Electric Utility - PV Rebate Program***(*Temporarily suspended for the fiscal year*)
- Corona Department of Water & Power - Solar Partnership Rebate Program***
- Glendale Water and Power - AC Energy Efficiency Rebate Program**(*Program funding is temporarily exhausted*)
- Glendale Water and Power - Solar Solutions Program***
- Hercules Municipal Utility - PV Rebate Program*
- IID Energy - Commercial Rebate Program
- IID Energy - New Construction Energy Efficiency Program**
- IID Energy - PV Solutions Rebate Program***
- LADWP - Non-Residential Custom Performance Program**
- LADWP - Solar Incentive Program***

b. Technology Production:

**Indicates the program qualifies under two program-types*

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4. Consultation Programs

- SDG&E - Premium Efficiency Commercial Cooling Program*
- SCE - Non-Residential Energy Efficiency Programs***
- Anaheim Public Utilities - Low-Interest Energy Efficiency Loan Program*
- Anaheim Public Utilities - Green Building Rebate Program***
- Anaheim Public Utilities - Small Business Energy Management Assistance Program***
- Glendale Water and Power - Large Business Energy Efficiency Program** (*For businesses whose electric bill are more than \$3,000/month*)
- Glendale Water and Power - Small Business Energy Efficiency Rebate Program** (*For businesses whose electric bill is more than \$3,000/month*)

5. Energy Production for Payment

- City of Palo Alto Utilities - Palo Alto CLEAN (Clean Local Energy Accessible Now)**
- LADWP - Solar Feed-in Tariff Demonstration Program**
- Renewable Auction Mechanism (RAM)**
- Marin Clean Energy - Feed-In Tariff **
- Self-Generation Incentive Program***
- Turlock Irrigation District - PV Rebate*
- Truckee Donner PUD - Photovoltaic Buy Down Program*
- SMUD - Non-Residential PV Incentive Program***
- Silicon Valley Power - Solar Electric Buy Down Program*

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- Roseville Electric - Solar Rebate Program***
- Riverside Public Utilities - Non-Residential PV Incentive Program*
- Riverside Public Utilities - Energy Efficiency Construction Incentive**
- Plumas-Sierra REC - PV Rebate Program***
- Pasadena Water and Power - Solar Power Installation Rebate*
- Pacific Power - PV Rebate Program***
- Moreno Valley Electric Utility - Solar Electric Incentive Program*
- Modesto Irrigation District - Photovoltaic Rebate Program***
- Merced Irrigation District - PV Buydown Program*
- Lodi Electric Utility - PV Rebate Program***
- Lassen Municipal Utility District - PV Rebate Program*
- Alameda Municipal Power - Solar Photovoltaics Rebate Program*
- Anaheim Public Utilities - PV Buydown Program* (*Closed to applications until January 2013*)
- Azusa Light & Water - Solar Partnership Program***
- Burbank Water and Power - Residential & Commercial Solar Support Program***
- City of Gridley Utilities - PV Buy Down Program***(*Closed for 2012-13 applications*)
- City of Healdsburg - PV Incentive Program ***
- City of Lompoc Utilities - PV Rebate Program***
- City of Palo Alto Utilities - PV Partners***

*Indicates the program qualifies under two program-types

**Indicates the program qualifies under both zoned property types

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- City of Shasta Lake Electric Utility - PV Rebate Program***(*Temporarily suspended for the fiscal year*)
- Corona Department of Water & Power - Solar Partnership Rebate Program***
- Glendale Water and Power - Solar Solutions Program***
- Hercules Municipal Utility - PV Rebate Program*
- IID Energy - PV Solutions Rebate Program***
- LADWP - Solar Incentive Program***

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Property Tax Exclusion for Solar Energy Systems**

b. Technology Production:

- Sales and Use Tax Exclusion for Advanced Transportation and Alternative Energy Manufacturing Program

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Local Option - Municipal Energy Districts** * *In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided. The following local programs are still available:*

1. City of Palm Desert - Energy Independence Program**
2. Sonoma County - Energy Independence Program**

- Burbank Water & Power - Business Bucks Energy Efficiency Grant Program **
- City of Palo Alto Utilities - Commercial and Non-Profit Efficiency Loan Program***
- SCE - Non-Residential On-Bill Financing Program ** (*Temporarily suspended until more funds become available*)
- SDG&E - Non-Residential On-Bill Financing Program**
- SMUD - Commercial Energy Efficiency Loan Program**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- SoCalGas - Non-Residential On-Bill Financing Program**

b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- San Diego County - Green Building Program**
- City of San Francisco - Solar Energy Incentive Program**
- California Solar Initiative - PV Incentives**
- Marin County - Solar Rebate Program**
- Self-Generation Incentive Program***
- SoCalGas - Non-Residential Energy Efficiency Rebate Programs**
- SoCalGas - Custom Non-Residential Energy Efficiency Program**
- SMUD - Non-Residential PV Incentive Program***
- SMUD - Commercial Energy Efficiency Rebate Program**
- Silicon Valley Power - Commercial Energy Efficiency Rebate Program**
- SDG&E (Gas) - Energy Efficiency Business Rebates**
- SDG&E (Electric) - Energy Efficiency Business Rebates**
- SCE - Non-Residential Energy Efficiency Programs***
- Savings by Design (Offered by five Utilities)**
- Roseville Electric - Solar Rebate Program***
- Riverside Public Utilities - Energy Efficiency Construction Incentive**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- Plumas-Sierra REC - PV Rebate Program***
- PG&E(Electric) - Non-Residential Energy Efficiency Rebates**
- PG&E (Gas) - Non-Residential Energy Efficiency Rebates**
- Pasadena Water and Power - Commercial Energy Efficiency Rebate Program** (*Temporarily suspended but will begin again at a time TBA in 2012*)
- Pacific Power - PV Rebate Program***
- Pacific Power - FinAnswer Express**
- Pacific Power - Energy FinAnswer**
- Modesto Irrigation District - Photovoltaic Rebate Program***
- Modesto Irrigation District - Custom Commercial Energy Efficiency Rebate Program**
- Modesto Irrigation District - Commercial New Construction Rebate Program**
- Modesto Irrigation District - Commercial Energy Efficiency Rebate Program**
- Lodi Electric Utility - PV Rebate Program***
- Lodi Electric Utility - Commercial Energy Efficiency Rebate Program**
- City of Palo Alto Utilities - Commercial and Non-Profit Efficiency Loan Program***
- Alameda Municipal Power - Commercial New Construction Rebate Program**
- Anaheim Public Utilities - Commercial & Industrial New Construction Rebate Program**

**Indicates the program qualifies under two program-types*

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- Anaheim Public Utilities - Commercial Energy Efficiency Rebate Programs**
- Anaheim Public Utilities - Green Building Rebate Program***
- Anaheim Public Utilities - Small Business Energy Management Assistance Program***
- Azusa Light & Water - Solar Partnership Program***
- Burbank Water & Power - Energy Solutions Business Rebate Program**
- Burbank Water and Power - Residential & Commercial Solar Support Program***
- City of Gridley Utilities - PV Buy Down Program***(*Closed for 2012-13 applications*)
- City of Healdsburg - PV Incentive Program***
- City of Lompoc Utilities - PV Rebate Program***
- City of Palo Alto Utilities - Commercial Energy Efficiency Rebate Program**
- City of Palo Alto Utilities - PV Partners***
- City of Palo Alto Utilities - Solar Water Heating Program**
- City of Shasta Lake Electric Utility - PV Rebate Program***(*Temporarily suspended for the fiscal year*)
- Corona Department of Water & Power - Solar Partnership Rebate Program***
- Glendale Water and Power - AC Energy Efficiency Rebate Program**(*Program funding is temporarily exhausted*)
- Glendale Water and Power - Solar Solutions Program***

*Indicates the program qualifies under two program-types

**Indicates the program qualifies under both zoned property types

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- IID Energy - New Construction Energy Efficiency Program**
- IID Energy - PV Solutions Rebate Program***
- LADWP - Non-Residential Custom Performance Program**
- LADWP - Solar Incentive Program***

b. Technology Production:

9. Consultation Programs

- SCE - Non-Residential Energy Efficiency Programs***
- Anaheim Public Utilities - Green Building Rebate Program***
- Anaheim Public Utilities - Small Business Energy Management Assistance Program***
- Glendale Water and Power - Large Business Energy Efficiency Program** (*For businesses whose electric bill are more than \$3,000/month*)
- Glendale Water and Power - Small Business Energy Efficiency Rebate Program** (*For businesses whose electric bill is more than \$3,000/month*)

10. Energy Production for Payment

- City of Palo Alto Utilities - Palo Alto CLEAN (Clean Local Energy Accessible Now)**
- Feed-In Tariff **
- LADWP - Solar Feed-in Tariff Demonstration Program**
- Renewable Auction Mechanism (RAM)**
- Marin Clean Energy - Feed-In Tariff **
- Self-Generation Incentive Program***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

- SMUD - Non-Residential PV Incentive Program***
- Roseville Electric - Solar Rebate Program***
- Plumas-Sierra REC - PV Rebate Program***
- Pacific Power - PV Rebate Program***
- Modesto Irrigation District - Photovoltaic Rebate Program***
- Lodi Electric Utility - PV Rebate Program***
- Azusa Light & Water - Solar Partnership Program***
- Burbank Water and Power - Residential & Commercial Solar Support Program***
- City of Gridley Utilities - PV Buy Down Program*** (*Closed for 2012-13 applications*)
- City of Healdsburg - PV Incentive Program ***
- City of Lompoc Utilities - PV Rebate Program***
- City of Palo Alto Utilities - PV Partners***
- City of Shasta Lake Electric Utility - PV Rebate Program*** (*Temporarily suspended for the fiscal year*)
- Corona Department of Water & Power - Solar Partnership Rebate Program***
- Glendale Water and Power - Solar Solutions Program***
- IID Energy - PV Solutions Rebate Program***
- LADWP - Solar Incentive Program***

**Indicates the program qualifies under two program-types*

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Colorado

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Sales and Use Tax Exemption for Renewable Energy Equipment**
- Local Option - Sales and Use Tax Exemption for Renewable Energy Systems**
- City of Boulder - Solar Sales and Use Tax Rebate**
- Renewable Energy Property Tax Assessment
- Local Option - Property Tax Exemption for Renewable Energy Systems**

b. Technology Production:

c. Energy Production:

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Direct Lending Revolving Loan Program***
- Local Option - Improvement Districts for Energy Efficiency and Renewable Energy Improvements. *In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided. The following local programs are still available:*

*Indicates the program qualifies under two program-types

**Indicates the program qualifies under both zoned property types

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- Boulder County - ClimateSmart Loan Program (*Program is currently on hold*)

b. Technology Production:

- Direct Lending Revolving Loan Program***

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Xcel Energy (Gas) - Business Energy Efficiency Rebate Programs***
- Xcel Energy (Electric) - Business Energy Efficiency Rebate Programs***
- United Power - Renewable Energy Rebate Program*
- United Power - Energy Efficiency Rebate Program **
- United Power - Business Energy Efficiency Rebate Program**
- SourceGas - Energy Efficiency Rebate Program(Customized Cost Cutting Plan)*
- SourceGas - Energy Efficiency Rebate Program (Commercial Reduce and Rebate Plan)
- Sangre De Cristo Electric Association - Energy Efficiency Credit Program
- San Miguel Power Association - Renewable Energy Rebate Program*
- San Miguel Power Association - Energy Efficiency Rebate Program
- Poudre Valley REA - Energy Efficiency Rebate Program
- Poudre Valley REA - Commercial Lighting Rebate Program

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

- Mountain View Electric Association, Inc - Energy Efficiency Credit Program**
- Morgan County REA - Efficiency Credit/Rebate Programs***
- Loveland Water & Power - Commercial and Industrial Energy Efficiency Rebate Program***
- Longmont Power & Communications - Commercial and Industrial Energy Efficiency Rebate Program***
- La Plata Electric Association - Renewable Generation Rebate Program*
- La Plata Electric Association - Energy Efficient Equipment Rebate Program**
- Holy Cross Energy - WE CARE Renewable Energy Generation Rebate Program*
- Holy Cross Energy - WE CARE Commercial Energy Efficiency Rebate Program
- Fort Collins Utilities - Residential and Small Commercial Appliance Rebate Program
- Fort Collins Utilities - Commercial and Industrial Energy Efficiency Rebate Program***
- Estes Park Light and Power Department - Commercial and Industrial Energy Efficiency Rebate Program***
- Empire Electric Association - Commercial Energy Efficiency Credit Program
- Delta-Montrose Electric Association - Commercial Energy Efficiency Rebate Program**
- Colorado Springs Utilities - Renewable Energy Rebate Program***

**Indicates the program qualifies under two program-types*

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- Colorado Springs Utilities - Commercial Energy Efficiency Rebate Program
- Colorado Natural Gas - Energy Efficiency Rebate Program
- City of Aspen - Energy Assessment Rebate Program***
- Black Hills Energy - On-Site Solar PV Rebate Program***
- Black Hills Energy (Gas) - Commercial Energy Efficiency Program **
- Black Hills Energy (Electric) - Commercial Energy Efficiency Program**
- Atmos Energy (Gas) - Energy Efficiency Rebate Program
- Xcel Energy - Solar*Rewards Program***
- Roaring Fork Valley - Renewable Energy Rebate Program*
- City and County of Denver - Denver Energy Challenge for Businesses***
- Boulder County – EnergySmart Commercial Energy Efficiency Rebate Program**

b. Technology Production:

4. Consultation Programs

- Xcel Energy (Gas) - Business Energy Efficiency Rebate Programs***
- Xcel Energy (Electric) - Business Energy Efficiency Rebate Programs***
- SourceGas - Energy Efficiency Rebate Program (Customized Cost Cutting Plan)*
- Morgan County REA - Efficiency Credit/Rebate Programs***
- Loveland Water & Power - Commercial and Industrial Energy Efficiency Rebate Program***
- Longmont Power & Communications - Commercial and Industrial Energy Efficiency Rebate Program***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

- Fort Collins Utilities - Commercial and Industrial Energy Efficiency Rebate Program***
- Estes Park Light and Power Department - Commercial and Industrial Energy Efficiency Rebate Program***
- City of Aspen - Energy Assessment Rebate Program***
- City and County of Denver - Denver Energy Challenge for Businesses***

5. Energy Production for Payment

- United Power - Renewable Energy Rebate Program*
- San Miguel Power Association - Renewable Energy Rebate Program*
- La Plata Electric Association - Renewable Generation Rebate Program*
- Holy Cross Energy - WE CARE Renewable Energy Generation Rebate Program*
- Colorado Springs Utilities - Renewable Energy Rebate Program***
- Black Hills Energy - On-Site Solar PV Rebate Program***
- Xcel Energy - Solar*Rewards Program***
- Roaring Fork Valley - Renewable Energy Rebate Program*

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Sales and Use Tax Exemption for Renewable Energy Equipment**
- Local Option - Sales and Use Tax Exemption for Renewable Energy Systems**
- City of Boulder - Solar Sales and Use Tax Rebate**
- Local Option - Property Tax Exemption for Renewable Energy Systems**

b. Technology Production:

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Direct Lending Revolving Loan Program***
- Local Option - Improvement Districts for Energy Efficiency and Renewable Energy Improvements. *(In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.)*

b. Technology Production:

- Direct Lending Revolving Loan Program***

c. Energy Audits:

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Xcel Energy (Gas) - Business Energy Efficiency Rebate Programs***
- Xcel Energy (Electric) - Business Energy Efficiency Rebate Programs***
- United Power - Energy Efficiency Rebate Program**
- United Power - Business Energy Efficiency Rebate Program**
- Southeast Colorado Power Association - Energy Efficiency Rebate Program
- SourceGas - Energy Efficiency Rebate Program(Customized Cost Cutting Plan)*
- Mountain View Electric Association, Inc - Energy Efficiency Credit Program**
- Morgan County REA - Efficiency Credit/Rebate Programs***
- Loveland Water & Power - Commercial and Industrial Energy Efficiency Rebate Program***
- Longmont Power & Communications - Commercial and Industrial Energy Efficiency Rebate Program***
- La Plata Electric Association - Energy Efficient Equipment Rebate Program**
- Fort Collins Utilities - Commercial and Industrial Energy Efficiency Rebate Program***
- Estes Park Light and Power Department - Commercial and Industrial Energy Efficiency Rebate Program***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- Delta-Montrose Electric Association - Commercial Energy Efficiency Rebate Program**
- Colorado Springs Utilities - Renewable Energy Rebate Program***
- City of Aspen - Energy Assessment Rebate Program***
- Black Hills Energy - On-Site Solar PV Rebate Program***
- Black Hills Energy (Gas) - Commercial Energy Efficiency Program **
- Black Hills Energy (Electric) - Commercial Energy Efficiency Program**
- Xcel Energy - Solar*Rewards Program***
- City and County of Denver - Denver Energy Challenge for Businesses***
- Boulder County – EnergySmart Commercial Energy Efficiency Rebate Program**

b. **Technology Production:**

9. **Consultation Programs**

- Xcel Energy (Gas) - Business Energy Efficiency Rebate Programs***
- Xcel Energy (Electric) - Business Energy Efficiency Rebate Programs***
- SourceGas - Energy Efficiency Rebate Program (Customized Cost Cutting Plan)*
- Morgan County REA - Efficiency Credit/Rebate Programs***
- Loveland Water & Power - Commercial and Industrial Energy Efficiency Rebate Program***
- Longmont Power & Communications - Commercial and Industrial Energy Efficiency Rebate Program***
- Fort Collins Utilities - Commercial and Industrial Energy Efficiency Rebate Program***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- Estes Park Light and Power Department - Commercial and Industrial Energy Efficiency Rebate Program***
- City of Aspen - Energy Assessment Rebate Program***
- City and County of Denver - Denver Energy Challenge for Businesses***

10. Energy Production for Payment

- Colorado Springs Utilities - Renewable Energy Rebate Program***
- Black Hills Energy - On-Site Solar PV Rebate Program***
- Xcel Energy - Solar*Rewards Program***

**Indicates the program qualifies under two program-types*

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Connecticut

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Sales and Use Tax Exemption for Solar and Geothermal Systems**

b. Technology Production:

- Sales and Use Taxes for Items Used in Renewable Energy Industries**

c. Energy Production:

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Norwich Public Utilities - Zero Percent Financing Program**
- Energy Efficiency Fund (Electric) - Small Business Energy Advantage Program***
- Low-Interest Loans for Customer-Side Distributed Resources**
- Local Option - Sustainable Energy Program** *(In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.)*

b. Technology Production:

- Combined Heat and Power Pilot Loan Program**
- Combined Heat and Power Pilot Grant Program**
- Operational Demonstration Program** *(Program is currently closed to applications)*

*Indicates the program qualifies under two program-types

**Indicates the program qualifies under both zoned property types

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c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Norwich Public Utilities - Commercial Energy Efficiency Rebate Program**
- Groton Utilities - Commercial & Industrial Energy Efficiency Rebate Programs**
- Energy Efficiency Fund (Gas) - Commercial and Industrial Energy Efficiency Programs***
- Energy Efficiency Fund (Electric) - Commercial and Industrial Energy Efficiency Programs***
- Energy Efficiency Fund (Electric) - Small Business Energy Advantage Program***
- Solar Thermal Incentive Program**

b. Technology Production:

4. Consultation Programs

- Energy Efficiency Fund (Gas) - Commercial and Industrial Energy Efficiency Programs***
- Energy Efficiency Fund (Electric) - Commercial and Industrial Energy Efficiency Programs***

5. Energy Production for Payment

- The United Illuminating Company - ZREC and LREC Long Term Contracts**
(The deadline for the first request for proposals (RFP) under this program was June 12, 2012. The next RFP likely will be issued in April 2013.)

*Indicates the program qualifies under two program-types

**Indicates the program qualifies under both zoned property types

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- Connecticut Light & Power - ZREC and LREC Long Term Contracts** (*The deadline for the first request for proposals (RFP) under this program was June 12, 2012. The next RFP likely will be issued in April 2013.*)

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Sales and Use Tax Exemption for Solar and Geothermal Systems**

b. Technology Production:

- Sales and Use Taxes for Items Used in Renewable Energy Industries**

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Norwich Public Utilities - Zero Percent Financing Program**
- Energy Efficiency Fund (Electric) - Small Business Energy Advantage Program***
- Low-Interest Loans for Customer-Side Distributed Resources**
- Local Option - Sustainable Energy Program** *(In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.)*

b. Technology Production:

- Combined Heat and Power Pilot Loan Program**
- Combined Heat and Power Pilot Grant Program**
- Operational Demonstration Program** *(Program is currently closed to applications)*

**Indicates the program qualifies under two program-types*

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c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Norwich Public Utilities - Commercial Energy Efficiency Rebate Program**
- Groton Utilities - Commercial & Industrial Energy Efficiency Rebate Programs**
- Energy Efficiency Fund (Gas) - Commercial and Industrial Energy Efficiency Programs***
- Energy Efficiency Fund (Electric) - Commercial and Industrial Energy Efficiency Programs***
- Energy Efficiency Fund (Electric) - Small Business Energy Advantage Program***
- Solar Thermal Incentive Program**

b. Technology Production:

9. Consultation Programs

- Energy Efficiency Fund (Gas) - Commercial and Industrial Energy Efficiency Programs***
- Energy Efficiency Fund (Electric) - Commercial and Industrial Energy Efficiency Programs***

10. Energy Production for Payment

- The United Illuminating Company - ZREC and LREC Long Term Contracts**
(The deadline for the first request for proposals (RFP) under this program was June 12, 2012. The next RFP likely will be issued in April 2013.)

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**Indicates the program qualifies under both zoned property types

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- Connecticut Light & Power - ZREC and LREC Long Term Contracts** (*The deadline for the first request for proposals (RFP) under this program was June 12, 2012. The next RFP likely will be issued in April 2013.*)

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Delaware

Commercial-Zoned Properties:

1. Tax Incentive Based

- a. **Technology Upgrade:**
- b. **Technology Production:**
- c. **Energy Production:**

2. Grant, Loan, and Bond Based

- a. **Technology Upgrade:**
- b. **Technology Production:**
- c. **Energy Audits:**

3. Rebate and Fee Waiver

a. **Technology Upgrade:**

- Dover Public Utilities - Green Energy Program Incentives***
- DEMEC Member Utilities - Green Energy Program Incentives (8 utilities)***
- Delaware Electric Cooperative - Green Energy Program Incentives*** (*Geothermal program is now closed to applications for 2012; other programs are still open*)
- Delmarva Power - Green Energy Program Incentives***

b. **Technology Production:**

4. Consultation Programs

**Indicates the program qualifies under two program-types*

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5. Energy Production for Payment

- Dover Public Utilities - Green Energy Program Incentives***
- DEMEC Member Utilities - Green Energy Program Incentives (8 utilities)***
- Delaware Electric Cooperative - Green Energy Program Incentives*** (*Geothermal program is now closed to applications for 2012; other programs are still open*)
- Delmarva Power - Green Energy Program Incentives***

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Industrial-Zoned Properties:

6. Tax Incentive Based

- a. **Technology Upgrade:**
- b. **Technology Production:**
- c. **Energy Production:**

7. Grant, Loan, and Bond Based

- a. **Technology Upgrade:**
- b. **Technology Production:**
- c. **Energy Audits:**

8. Rebate and Fee Waiver

a. **Technology Upgrade:**

- Dover Public Utilities - Green Energy Program Incentives***
- DEMEC Member Utilities - Green Energy Program Incentives (8 utilities)***
- Delaware Electric Cooperative - Green Energy Program Incentives*** (*Geothermal program is now closed to applications for 2012; other programs are still open*)
- Delmarva Power - Green Energy Program Incentives***

b. **Technology Production:**

9. Consultation Programs

10. Energy Production for Payment

- Dover Public Utilities - Green Energy Program Incentives***
- DEMEC Member Utilities - Green Energy Program Incentives (8 utilities)***

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- Delaware Electric Cooperative - Green Energy Program Incentives*** (*Geothermal program is now closed to applications for 2012; other programs are still open*)
- Delmarva Power - Green Energy Program Incentives***

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Florida

Commercial-Zoned Properties:

1. **Tax Incentive Based**

a. **Technology Upgrade:**

- Solar and CHP Sales Tax Exemption**

b. **Technology Production:**

- Miami-Dade County - Targeted Jobs Incentive Fund**

c. **Energy Production:**

- Renewable Energy Production Tax Credit**

2. **Grant, Loan, and Bond Based**

a. **Technology Upgrade:**

- St. Lucie County - Solar and Energy Loan Fund (SELF)**
- Local Option - Special Districts *(In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.) The following local programs are still available:*
 1. Miami-Dade County - Voluntary Energy Efficiency and Renewable Energy Program

b. **Technology Production:**

c. **Energy Audits:**

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3. Rebate and Fee Waiver

a. Technology Upgrade:

- Volusia County - Green Building Program
- Miami-Dade County - Commercial Energy Star Appliance Rebate Program
- Florida Power and Light - Business Energy Efficiency Rebates**
- Florida Power and Light - Solar Rebate Program** (*Currently full for 2012; more funding might become available in 2012, and 2013 applications will begin to be accept in October 2012*)
- Florida Public Utilities - Commercial Energy Efficiency Rebate Programs
- Gainesville Regional Utilities - Business Energy Efficiency Rebate Program
- Gulf Power - Commercial Energy Efficiency EarthCents Program***
- Gulf Power - Solar PV Program***
- JEA - Commercial Energy Efficiency Rebate Program **
- JEA - Solar Incentive Program
- Kissimmee Utility Authority - Commercial Energy Efficiency Rebate Program**
- Lake Worth Utilities - Energy Conservation Rebate Program
- Lakeland Electric - Commercial Conservation Rebate Program**
- New Smyrna Beach - Commercial Energy Efficiency Rebate Program**
- Ocala Utility Services - Energy Efficiency Rebate Program

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- Progress Energy Florida - Commercial Energy Efficiency Rebate Program**
- Progress Energy Florida - SunSense Commercial PV Incentive Program*(Full for 2012)
- Tampa Electric - Commercial Energy Efficiency Rebate Programs**

b. Technology Production:

4. Consultation Programs

- Gulf Power - Commercial Energy Efficiency EarthCents Program***

5. Energy Production for Payment

- Gainesville Regional Utilities - Solar Feed-In Tariff**(Currently full for 2012; will begin accepting applications again in 2013)
- Orlando Utilities Commission - Solar Programs
- Florida Power and Light - Solar Rebate Program**(Currently full for 2012; more funding might become available in 2012, and 2013 applications will begin to be accept in October 2012)
- Gulf Power - Solar PV Program***
- Progress Energy Florida - SunSense Commercial PV Incentive Program*(Full for 2012)

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Solar and CHP Sales Tax Exemption**

b. Technology Production:

- Miami-Dade County - Targeted Jobs Incentive Fund**

c. Energy Production:

- Renewable Energy Production Tax Credit**

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- St. Lucie County - Solar and Energy Loan Fund (SELF)**

b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Florida Power and Light - Business Energy Efficiency Rebates**
- Florida Power and Light - Solar Rebate Program** (*Currently full for 2012; more funding might become available in 2012, and 2013 applications will begin to be accept in October 2012*)
- Gulf Power - Commercial Energy Efficiency EarthCents Program***
- Gulf Power - Solar PV Program***
- JEA - Commercial Energy Efficiency Rebate Program **

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- Kissimmee Utility Authority - Commercial Energy Efficiency Rebate Program**
- Lakeland Electric - Commercial Conservation Rebate Program**
- New Smyrna Beach - Commercial Energy Efficiency Rebate Program**
- Progress Energy Florida - Commercial Energy Efficiency Rebate Program**
- Tampa Electric - Commercial Energy Efficiency Rebate Programs**
- Tampa Electric - Solar Rebate Program** (*Funding for the solar PV rebate program has been fully allocated; funding is still available for the solar water heating rebate program*)

b. **Technology Production:**

9. **Consultation Programs**

- Gulf Power - Commercial Energy Efficiency EarthCents Program***

10. **Energy Production for Payment**

- Gainesville Regional Utilities - Solar Feed-In Tariff** (*Currently full for 2012; will begin accepting applications again in 2013*)
- Florida Power and Light - Solar Rebate Program** (*Currently full for 2012; more funding might become available in 2012, and 2013 applications will begin to be accept in October 2012*)
- Gulf Power - Solar PV Program***

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Georgia

Commercial-Zoned Properties:

1. **Tax Incentive Based**

a. **Technology Upgrade:**

- Clean Energy Tax Credit (Corporate)**

b. **Technology Production:**

c. **Energy Production:**

- i. Biomass Sales and Use Tax Exemption**

2. **Grant, Loan, and Bond Based**

a. **Technology Upgrade:**

- i. Athens-Clarke County - Green Business Revolving Loan Fund**
- ii. Georgia Green Loans Save & Sustain Program*
- iii. Local Option - Special Improvement Districts ***(In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.)*
- iv. Georgia Cities Foundation - Green Communities Revolving Loan Fund
(Not accepting applications currently, but is seeking additional funding)
- v. TVA Partner Utilities - *energy right* Heat Pump Program
- vi. Walton EMC - Prime PowerLoan Program

b. **Technology Production:**

c. **Energy Audits:**

- i. Georgia Green Loans Save & Sustain Program*

*Indicates the program qualifies under two program-types

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3. Rebate and Fee Waiver

a. **Technology Upgrade:**

- i. Georgia Power - Commercial Energy Efficiency Program**
- ii. Sawnee EMC - Commercial Energy Efficiency Rebate Program
- iii. TVA - Energy Right Solutions for Business***
- iv. TVA Partner Utilities - *energy right* Water Heater Program

b. **Technology Production:**

4. Consultation Programs

- TVA - Energy Right Solutions for Business***

5. Energy Production for Payment

- Georgia Power - Solar Buyback Program** (*Currently full*)
- TVA - Generation Partners Program**
- TVA - Mid-Sized Renewable Standard Offer Program**

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Clean Energy Tax Credit (Corporate)**

b. Technology Production:

c. Energy Production:

- i. Biomass Sales and Use Tax Exemption**

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- i. Athens-Clarke County - Green Business Revolving Loan Fund**
- ii. Local Option - Special Improvement Districts ***(In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.)*

b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- i. Georgia Power - Commercial Energy Efficiency Program**
- ii. TVA - Energy Right Solutions for Business***

b. Technology Production:

9. Consultation Programs

- TVA - Energy Right Solutions for Business***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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10. Energy Production for Payment

- Georgia Power - Solar Buyback Program** (*Currently full*)
- TVA - Generation Partners Program**
- TVA - Mid-Sized Renewable Standard Offer Program**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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Hawaii

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Solar and Wind Energy Credit (Corporate)
- City and County of Honolulu - Real Property Tax Exemption for Alternative Energy Improvements**

b. Technology Production:

c. Energy Production:

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- GreenSun Hawaii***

b. Technology Production:

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Hawaii Energy - Energy Solutions Business Appliance Rebates and Customized Incentives Program**
- Hawaii Energy - Solar Water Heater Rebate
- KIUC - Energy Wise Commercial Energy Efficiency Program
- KIUC - Solar Water Heating Rebate Program

**Indicates the program qualifies under two program-types*

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b. **Technology Production:**

4. **Consultation Programs**

- GreenSun Hawaii***

5. **Energy Production for Payment**

- Feed-in Tariff**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- City and County of Honolulu - Real Property Tax Exemption for Alternative Energy Improvements**

b. Technology Production:

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- GreenSun Hawaii***

b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Hawaii Energy - Energy Solutions Business Appliance Rebates and Customized Incentives Program**

b. Technology Production:

9. Consultation Programs

- GreenSun Hawaii***

10. Energy Production for Payment

a. Feed-in Tariff**

**Indicates the program qualifies under two program-types*

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Idaho

Commercial-Zoned Properties:

1. Tax Incentive Based

b. Technology Upgrade:

c. Technology Production:

d. Energy Production:

- Property Tax Exemption for Wind and Geothermal Energy Producers**

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Low-Interest Energy Loan Programs**
- Idaho Falls Power - Commercial Energy Conservation Loan Program
- Idaho Falls Power - Energy Efficient Heat Pump Loan Program **
- Renewable Energy Project Bond Program

b. Technology Production:

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Avista Utilities (Electric) - Commercial Energy Efficiency Incentives Program**
- Avista Utilities (Electric) - Commercial Lighting Energy Efficiency Program
- Avista Utilities (Gas and Electric) - Commercial Food Equipment Rebates

**Indicates the program qualifies under two program-types*

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- Avista Utilities (Gas) - Commercial Energy Efficiency Incentives Program**
- Idaho Falls Power - Commercial Energy Conservation Rebate Program*
- Idaho Power - Easy Upgrades Efficiency Incentive Program**
- Idaho Power - Large Commercial Custom Efficiency Program **
- Idaho Power - New Building Efficiency Program**
- Northern Lights Inc. - Energy Conservation Rebate Program**
- Questar Gas - Commercial Energy Efficiency Rebate Program**
- Rocky Mountain Power - Energy FinAnswer**
- Rocky Mountain Power - FinAnswer Express**

b. Technology Production:

4. Consultation Programs

- a. Idaho Falls Power - Commercial Energy Conservation Rebate Program*

5. Energy Production for Payment

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

b. Technology Production:

c. Energy Production:

- Property Tax Exemption for Wind and Geothermal Energy Producers**

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Low-Interest Energy Loan Programs**
- Idaho Falls Power - Energy Efficient Heat Pump Loan Program **

b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Avista Utilities (Electric) - Commercial Energy Efficiency Incentives Program**
- Avista Utilities (Gas) - Commercial Energy Efficiency Incentives Program**
- Idaho Power - Easy Upgrades Efficiency Incentive Program**
- Idaho Power - Large Commercial Custom Efficiency Program **
- Idaho Power - New Building Efficiency Program**
- Northern Lights Inc. - Energy Conservation Rebate Program**
- Questar Gas - Commercial Energy Efficiency Rebate Program**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

- Rocky Mountain Power - Energy FinAnswer**
- Rocky Mountain Power - FinAnswer Express**

b. **Technology Production:**

9. **Consultation Programs**

10. **Energy Production for Payment**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

Illinois

Commercial-Zoned Properties:

1. **Tax Incentive Based**

e. **Technology Upgrade:**

- Special Assessment for Solar Energy Systems**

f. **Technology Production:**

g. **Energy Production:**

- Commercial Wind Energy Property Valuation

2. **Grant, Loan, and Bond Based**

a. **Technology Upgrade:**

- City of Chicago - Small Business Improvement Fund**
- Green Energy Loans**
- Nicor Gas, North Shore Gas, Peoples Gas, Ameren and ComEd - Residential On-Bill Financing Programs

b. **Technology Production:**

- Renewable Energy Business Development Grant Program**
- Renewable Energy and Energy Efficiency Project Financing**
- Biogas and Biomass to Energy Grant Program ** (*Currently closed to applications*)

c. **Energy Audits:**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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3. Rebate and Fee Waiver

a. Technology Upgrade:

- Solar and Wind Energy Rebate Program**
- Wabash Valley Power Association (28 Member Cooperatives) - Commercial and Industrial Energy Efficiency Program**
- Ameren Illinois (Electric) - Commercial Kitchen and Grocery Incentives Program **
- Ameren Illinois (Electric) - Custom, HVAC and Motor Business Efficiency Incentives**
- Ameren Illinois (Electric) - Lighting Rebates for Businesses**
- Ameren Illinois (Gas) - Business Efficiency Incentives**
- City Water Light and Power - Commercial Energy Efficiency Rebate Programs
- City Water Light and Power - Solar Rewards Program
- ComEd - Small Business Energy Savings Program***
- ComEd - Smart Ideas for Business Efficiency Program**
- ComEd - Smart Ideas for Business New Construction**
- Corn Belt Energy Coop - Commercial Energy Efficiency Rebate Program**
- Illinois Municipal Electric Agency - Electric Efficiency Program**
- Jo-Carroll Energy - Energy Efficiency Rebate Program**
- MidAmerican Energy (Electric) - Commercial Energy Advantage Rebate Program***

**Indicates the program qualifies under two program-types*

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- MidAmerican Energy (Gas) - Commercial Energy Advantage Rebate Program ***
- Nicor Gas - Commercial Energy Efficiency Rebates**
- Nicor, Peoples, and North Shore Gas - Small Business Energy Savings Program***
- North Shore Gas - Chicagoland Natural Gas Savings Program**
- Peoples Gas - Chicagoland Natural Gas Savings Program**

b. Technology Production:

4. Consultation Programs

- ComEd - Small Business Energy Savings Program***
- MidAmerican Energy (Electric) - Commercial Energy Advantage Rebate Program***
- MidAmerican Energy (Gas) - Commercial Energy Advantage Rebate Program ***
- Nicor, Peoples, and North Shore Gas - Small Business Energy Savings Program***

5. Energy Production for Payment

- Illinois Solar Energy Association - Renewable Energy Credit Aggregation Program**
- Solar Renewable Energy Credits**

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Special Assessment for Solar Energy Systems**

b. Technology Production:

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- City of Chicago - Small Business Improvement Fund**
- Green Energy Loans**

b. Technology Production:

- Renewable Energy Business Development Grant Program**
- Renewable Energy and Energy Efficiency Project Financing**
- Biogas and Biomass to Energy Grant Program ** (*Currently closed to applications*)

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Solar and Wind Energy Rebate Program**
- Wabash Valley Power Association (28 Member Cooperatives) - Commercial and Industrial Energy Efficiency Program**
- Ameren Illinois (Electric) - Commercial Kitchen and Grocery Incentives Program **

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- Ameren Illinois (Electric) - Custom, HVAC and Motor Business Efficiency Incentives**
- Ameren Illinois (Electric) - Lighting Rebates for Businesses**
- Ameren Illinois (Gas) - Business Efficiency Incentives**
- ComEd - Small Business Energy Savings Program***
- ComEd - Smart Ideas for Business Efficiency Program**
- ComEd - Smart Ideas for Business New Construction**
- Corn Belt Energy Coop - Commercial Energy Efficiency Rebate Program**
- Illinois Municipal Electric Agency - Electric Efficiency Program**
- Jo-Carroll Energy - Energy Efficiency Rebate Program**
- MidAmerican Energy (Electric) - Commercial Energy Advantage Rebate Program***
- MidAmerican Energy (Gas) - Commercial Energy Advantage Rebate Program ***
- Nicor Gas - Commercial Energy Efficiency Rebates**
- Nicor, Peoples, and North Shore Gas - Small Business Energy Savings Program***
- North Shore Gas - Chicagoland Natural Gas Savings Program**
- Peoples Gas - Chicagoland Natural Gas Savings Program**

b. Technology Production:

9. Consultation Programs

- ComEd - Small Business Energy Savings Program***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- MidAmerican Energy (Electric) - Commercial Energy Advantage Rebate Program***
- MidAmerican Energy (Gas) - Commercial Energy Advantage Rebate Program ***
- Nicor, Peoples, and North Shore Gas - Small Business Energy Savings Program***

10. Energy Production for Payment

- Illinois Solar Energy Association - Renewable Energy Credit Aggregation Program**
- Solar Renewable Energy Credits**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

Indiana

Commercial-Zoned Properties:

1. Tax Incentive Based

h. Technology Upgrade:

- Sales and Use Tax Exemption for Electrical Generating Equipment**

i. Technology Production:

j. Energy Production:

- Renewable Energy Property Tax Exemption**

2. Grant, Loan, and Bond Based

- **Technology Upgrade:**

- **Technology Production:**

- **Energy Audits:**

3. Rebate and Fee Waiver

- **Technology Upgrade:**

- City of Bloomington - Sustainable Development Incentives**
- City of Indianapolis - Green Building Incentive Program**
- Wabash Valley Power Association (28 Member Cooperatives) - Commercial and Industrial Energy Efficiency Program**
- Citizens Gas - Commercial Efficiency Rebates
- Duke Energy - Commercial and Industrial Energy Efficiency Rebate Program**
- Indiana Michigan Power - Commercial and Industrial Rebates Program**

**Indicates the program qualifies under two program-types*

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- Indianapolis Power & Light - Business Energy Incentives Program**
- Indianapolis Power & Light - Small-Scale Renewable Energy Incentive Program***
- Jackson County REMC - Energy Efficiency Rebate Program**
- Jay County REMC - Geothermal and Air-source Heat Pump Rebate Program
- LaGrange County REMC - Energy Efficiency Rebate Program
- NIPSCO - Existing Facility Retrofit Rebate Program**
- NIPSCO - New Facility Efficiency Rebate Program**
- Ohio Valley Gas Corporation - Residential and Small Commercial Natural Gas Incentive Program
- Orange County REMC - Energy Efficient Equipment Rebate Program**
- Parke County REMC - Energy Efficient Equipment Rebate Program
- RushShelby Energy - Residential and Commercial Energy Efficiency Rebate Program
- Tipmont REMC - Energy Efficiency Equipment Rebate Program
- Vectren Energy Delivery of Indiana (Electric) - Commercial New Construction Rebates**
- Vectren Energy Delivery of Indiana (Gas) - Commercial Energy Efficiency Rebates

b. Technology Production:

4. Consultation Programs

5. Energy Production for Payment

- Indianapolis Power & Light - Rate REP (Renewable Energy Production)**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- NIPSCO - Feed-In Tariff**
- Indianapolis Power & Light - Small-Scale Renewable Energy Incentive Program***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

- **Technology Upgrade:**
 - Sales and Use Tax Exemption for Electrical Generating Equipment**
- **Technology Production:**
- **Energy Production:**
 - Renewable Energy Property Tax Exemption**

7. Grant, Loan, and Bond Based

- **Technology Upgrade:**
- **Technology Production:**
- **Energy Audits:**

8. Rebate and Fee Waiver

- **Technology Upgrade:**
 - City of Bloomington - Sustainable Development Incentives**
 - City of Indianapolis - Green Building Incentive Program**
 - Wabash Valley Power Association (28 Member Cooperatives) - Commercial and Industrial Energy Efficiency Program**
 - Duke Energy - Commercial and Industrial Energy Efficiency Rebate Program**
 - Indiana Michigan Power - Commercial and Industrial Rebates Program**
 - Indianapolis Power & Light - Business Energy Incentives Program**
 - Indianapolis Power & Light - Small-Scale Renewable Energy Incentive Program***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- Jackson County REMC - Energy Efficiency Rebate Program**
- NIPSCO - Existing Facility Retrofit Rebate Program**
- NIPSCO - New Facility Efficiency Rebate Program**
- Orange County REMC - Energy Efficient Equipment Rebate Program**
- Vectren Energy Delivery of Indiana (Electric) - Commercial New Construction Rebates**

- **Technology Production:**

9. Consultation Programs

10. Energy Production for Payment

- Indianapolis Power & Light - Rate REP (Renewable Energy Production)**
- NIPSCO - Feed-In Tariff**
- Indianapolis Power & Light - Small-Scale Renewable Energy Incentive Program***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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Iowa

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Solar Energy Systems Tax Credit (Corporate)**
- Local Option - Special Assessment of Wind Energy Devices**
- Methane Gas Conversion Property Tax Exemption***
- Property Tax Exemption for Renewable Energy Systems**

b. Technology Production:

- Wind and Solar Energy Equipment Exemption **

c. Energy Production:

- Energy Replacement Generation Tax Exemption**
- Methane Gas Conversion Property Tax Exemption***

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Alliant Energy Interstate Power and Light (Gas and Electric) - Low Interest Energy Efficiency Loan Program

b. Technology Production:

- Alternate Energy Revolving Loan Program**

c. Energy Audits:

3. Rebate and Fee Waiver

**Indicates the program qualifies under two program-types*

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a. Technology Upgrade:

- Business Energy Efficiency Rebate (Offered by 16 Utilities)**
- Rural Electric Cooperatives Energy Efficiency Rebate Programs (Offered by 12 Utilities)**
- Alliant Energy Interstate Power and Light (Electric) - Business Energy Efficiency Rebate Programs
- Alliant Energy Interstate Power and Light (Gas) - Business Energy Efficiency Rebate Programs**
- Alliant Energy Interstate Power and Light - Business and Farm Renewable Energy Rebates**
- Ames Electric Department - Commercial Energy Efficiency Rebate Programs**
- Black Hills Energy (Gas) - Commercial Energy Efficiency Rebate Programs**
- Cedar Falls Utilities - Commercial Energy Efficiency Rebate Program**
- Farmers Electric Cooperative (Kalona) - Renewable Energy Rebates
- Indianola Municipal Utilities - Energy Efficiency Rebate Program**
- MidAmerican Energy (Gas and Electric) - Commercial New Construction Energy-Efficiency Program**
- MidAmerican Energy (Gas) - Commercial Energy Advantage Rebate Program
- Missouri River Energy Service Member Utilities - Commercial and Industrial Efficiency Rebates**

**Indicates the program qualifies under two program-types*

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- Muscatine Power and Water - Commercial and Industrial Energy Efficiency Rebates**

b. **Technology Production:**

4. **Consultation Programs**

5. **Energy Production for Payment**

- Farmers Electric Cooperative (Kalona) - Renewable Energy Purchase Rate**

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Solar Energy Systems Tax Credit (Corporate)**
- Local Option - Special Assessment of Wind Energy Devices**
- Methane Gas Conversion Property Tax Exemption***
- Property Tax Exemption for Renewable Energy Systems**

b. Technology Production:

- Wind and Solar Energy Equipment Exemption **

c. Energy Production:

- Energy Replacement Generation Tax Exemption**
- Methane Gas Conversion Property Tax Exemption***

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

b. Technology Production:

- Alternate Energy Revolving Loan Program**

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Business Energy Efficiency Rebate (Offered by 16 Utilities)**

**Indicates the program qualifies under two program-types*

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- Rural Electric Cooperatives Energy Efficiency Rebate Programs (Offered by 12 Utilities)**
- Alliant Energy Interstate Power and Light (Gas) - Business Energy Efficiency Rebate Programs**
- Alliant Energy Interstate Power and Light - Business and Farm Renewable Energy Rebates**
- Ames Electric Department - Commercial Energy Efficiency Rebate Programs**
- Black Hills Energy (Gas) - Commercial Energy Efficiency Rebate Programs**
- Cedar Falls Utilities - Commercial Energy Efficiency Rebate Program**
- Indianola Municipal Utilities - Energy Efficiency Rebate Program**
- MidAmerican Energy (Gas and Electric) - Commercial New Construction Energy-Efficiency Program**
- Missouri River Energy Service Member Utilities - Commercial and Industrial Efficiency Rebates**
- Muscatine Power and Water - Commercial and Industrial Energy Efficiency Rebates**

b. Technology Production:

9. Consultation Programs

10. Energy Production for Payment

- Farmers Electric Cooperative (Kalona) - Renewable Energy Purchase Rate**

**Indicates the program qualifies under two program-types*

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Kansas

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Renewable Energy Property Tax Exemption**

b. Technology Production:

c. Energy Production:

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Revolving Loan Program**
- Midwest Energy (Gas and Electric) - How\$mart Energy Efficiency Finance Program

b. Technology Production:

- Solar and Wind Manufacturing Incentive**

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Kansas City Board of Public Utilities - Commercial Energy Efficiency Rebate Program

**Indicates the program qualifies under two program-types*

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- Kansas City Power & Light - Energy Optimizer Programmable Thermostat Program

b. Technology Production:

- 4. Consultation Programs**
- 5. Energy Production for Payment**

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Renewable Energy Property Tax Exemption**

b. Technology Production:

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Revolving Loan Program**

b. Technology Production:

- Solar and Wind Manufacturing Incentive**

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

b. Technology Production:

9. Consultation Programs

10. Energy Production for Payment

**Indicates the program qualifies under two program-types*

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Kentucky

Commercial-Zoned Properties:

1. Tax Incentive Based

b. Technology Upgrade:

- Energy Efficiency Tax Credits (Corporate)**
- Renewable Energy Tax Credit (Corporate)**

c. Technology Production:

- Incentives for Energy Independence**

d. Energy Production:

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Mountain Association for Community Economic Development - Energy Efficient Enterprise Loan Program**
- Mountain Association for Community Economic Development - Solar Water Heater Loan Program**
- Mountain Association for Community Economic Development - HowSmartKY On Bill Financing Energy Efficiency Program***

**Indicates the program qualifies under two program-types*

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- Pennyrile RECC - Commercial Energy Efficiency Loan Program **
- TVA Partner Utilities - energy right Heat Pump Program

b. Technology Production:

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Duke Energy - Non-Residential Energy Efficiency Rebate Program**
- Grayson Rural Electric Cooperative - Energy Efficiency Rebate Program
- Kentucky Power - Commercial Energy Efficiency Rebate Program
- Kentucky Utilities Company - Commercial Energy Efficiency Rebate Program
- Louisville Gas & Electric - Commercial Energy Efficiency Rebate Program
- TVA - Energy Right Solutions for Business***
- TVA Partner Utilities - *energy right* Water Heater Program

b. Technology Production:

4. Consultation Programs

- Mountain Association for Community Economic Development - HowSmartKY On Bill Financing Energy Efficiency Program***
- TVA - Energy Right Solutions for Business***

5. Energy Production for Payment

**Indicates the program qualifies under two program-types*

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- TVA - Generation Partners Program**
- TVA - Mid-Sized Renewable Standard Offer Program**

Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Energy Efficiency Tax Credits (Corporate)**
- Renewable Energy Tax Credit (Corporate)**

b. Technology Production:

- Incentives for Energy Independence**

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Mountain Association for Community Economic Development - Energy Efficient Enterprise Loan Program**
- Mountain Association for Community Economic Development - Solar Water Heater Loan Program**
- Mountain Association for Community Economic Development - HowSmartKY On Bill Financing Energy Efficiency Program***
- Pennyrile RECC - Commercial Energy Efficiency Loan Program **

b. Technology Production:

c. Energy Audits:

**Indicates the program qualifies under two program-types*

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8. Rebate and Fee Waiver

a. Technology Upgrade:

- Duke Energy - Non-Residential Energy Efficiency Rebate Program**
- TVA - Energy Right Solutions for Business***

b. Technology Production:

9. Consultation Programs

- Mountain Association for Community Economic Development - HowSmartKY On Bill Financing Energy Efficiency Program***
- TVA - Energy Right Solutions for Business***

10. Energy Production for Payment

- a. TVA - Generation Partners Program**
- b. TVA - Mid-Sized Renewable Standard Offer Program**

**Indicates the program qualifies under two program-types*

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Louisiana

Commercial-Zoned Properties:

1. Tax Incentive Based

- a. Technology Upgrade:
- b. Technology Production:
- c. Energy Production:

2. Grant, Loan, and Bond Based

- a. Technology Upgrade:
 - Local Option - Sustainable Energy Financing Districts
- b. Technology Production:
- c. Energy Audits:

3. Rebate and Fee Waiver

- a. Technology Upgrade:
 - Entergy New Orleans - Commercial and Industrial Solutions Program***
- b. Technology Production:

4. Consultation Programs

- Entergy New Orleans - Commercial and Industrial Solutions Program***

**Indicates the program qualifies under two program-types*

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5. Energy Production for Payment

Industrial-Zoned Properties:

6. Tax Incentive Based

- a. Technology Upgrade:
- b. Technology Production:
- c. Energy Production:

7. Grant, Loan, and Bond Based

- a. Technology Upgrade:
- b. Technology Production:
- c. Energy Audits:

8. Rebate and Fee Waiver

- a. Technology Upgrade:
 - Entergy New Orleans - Commercial and Industrial Solutions Program***
- b. Technology Production:

9. Consultation Programs

- a. Entergy New Orleans - Commercial and Industrial Solutions Program***

10. Energy Production for Payment

**Indicates the program qualifies under two program-types*

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Maine

Commercial-Zoned Properties:

1. Tax Incentive Based

- a. **Technology Upgrade:**
- b. **Technology Production:**
- c. **Energy Production:**

2. Grant, Loan, and Bond Based

- a. **Technology Upgrade:**
 - Efficiency Maine Small Business Loan Program** (*Applications are not being accepted until further notice*)
- b. **Technology Production:**
- c. **Energy Audits:**

3. Rebate and Fee Waiver

- a. **Technology Upgrade:**
 - Efficiency Maine Business Program**
 - Efficiency Maine Renewable Energy Program**
- b. **Technology Production:**

**Indicates the program qualifies under two program-types*

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4. **Consultation Programs**
5. **Energy Production for Payment**

Industrial-Zoned Properties:

6. **Tax Incentive Based**
 - a. **Technology Upgrade:**
 - b. **Technology Production:**
 - c. **Energy Production:**
7. **Grant, Loan, and Bond Based**
 - a. **Technology Upgrade:**
 - Efficiency Maine Small Business Loan Program** (*Applications are not being accepted until further notice*)
 - b. **Technology Production:**
 - c. **Energy Audits:**
8. **Rebate and Fee Waiver**
 - a. **Technology Upgrade:**
 - Efficiency Maine Business Program**
 - Efficiency Maine Renewable Energy Program**
 - b. **Technology Production:**
9. **Consultation Programs**
10. **Energy Production for Payment**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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Maryland

Commercial-Zoned Properties:

1. Tax Incentive Based

b. Technology Upgrade:

- Bio-Heating Oil Tax Credit (Corporate)**
- Clean Energy Production Tax Credit (Corporate)**
- Baltimore County - Property Tax Credit for High Performance Buildings and Homes
- Carroll County - Green Building Property Tax Credit**
- Harford County - Property Tax Credit for Solar and Geothermal Devices**
- Howard County - High Performance and Green Building Property Tax Credit**
- Local Option - Property Tax Credit for High Performance Buildings**
- Local Option - Property Tax Credit for Renewables and Energy Conservation Devices**
- Montgomery County - High Performance Building Property Tax Credit**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- Property Tax Exemption for Solar and Wind Energy Systems** (*Solar only for non-residential*)
- Special Property Assessment for Renewable Heating & Cooling Systems**
- Sales and Use Tax Exemption for Renewable Energy Equipment***
- Sales Tax Holiday for Energy-Efficient Appliances**
- Wood Heating Fuel Exemption**

c. Technology Production:

d. Energy Production:

- Sales and Use Tax Exemption for Renewable Energy Equipment***

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Local Option - Clean Energy Loan Program (*In response to the Federal Housing Financing Agency (FHFA) statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.*)
- Be SMART Business Efficiency Loan Program**
- Jane E. Lawton Conservation Loan Program**
- Rural Business Energy Efficiency Improvement Loan Program **

b. Technology Production:

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Commercial Clean Energy Grant Program***

**Indicates the program qualifies under two program-types*

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- Geothermal Heat Pump Grant Program**
- Windswept Grant Program***
- Baltimore Gas & Electric Company (Electric) - Commercial Energy Efficiency Program**
- Delmarva - Commissioning and Operations Incentive Programs**
- Delmarva Power - Commercial and Industrial Energy Savings Program**
- FirstEnergy (Potomac Edison) - Commercial and Industrial Efficiency Rebate Program**
- PEPCO - Commercial and Industrial Energy Efficiency Incentives Program**
- PEPCO - Commissioning and Operations Incentive Programs**
- SMECO - Non-Residential Energy Efficiency Rebate Program**

b. Technology Production:

4. Consultation Programs

5. Energy Production for Payment

- Solar Renewable Energy Certificates (SRECs)**
- Commercial Clean Energy Grant Program**
- Windswept Grant Program***

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Bio-Heating Oil Tax Credit (Corporate)**
- Clean Energy Production Tax Credit (Corporate)**
- Carroll County - Green Building Property Tax Credit**
- Harford County - Property Tax Credit for Solar and Geothermal Devices**
- Howard County - High Performance and Green Building Property Tax Credit**
- Local Option - Property Tax Credit for High Performance Buildings**
- Local Option - Property Tax Credit for Renewables and Energy Conservation Devices**
- Montgomery County - High Performance Building Property Tax Credit**
- Property Tax Exemption for Solar and Wind Energy Systems** (*Solar only for non-residential*)
- Special Property Assessment for Renewable Heating & Cooling Systems**
- Sales and Use Tax Exemption for Renewable Energy Equipment***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- Sales Tax Holiday for Energy-Efficient Appliances**
- Wood Heating Fuel Exemption**

b. Technology Production:

c. Energy Production:

- Sales and Use Tax Exemption for Renewable Energy Equipment***

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Be SMART Business Efficiency Loan Program**
- Jane E. Lawton Conservation Loan Program**
- Rural Business Energy Efficiency Improvement Loan Program **

b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Commercial Clean Energy Grant Program***
- Geothermal Heat Pump Grant Program**
- Windswept Grant Program***
- Baltimore Gas & Electric Company (Electric) - Commercial Energy Efficiency Program**
- Delmarva - Commissioning and Operations Incentive Programs**
- Delmarva Power - Commercial and Industrial Energy Savings Program**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

- FirstEnergy (Potomac Edison) - Commercial and Industrial Efficiency Rebate Program**
- PEPCO - Commercial and Industrial Energy Efficiency Incentives Program**
- PEPCO - Commissioning and Operations Incentive Programs**
- SMECO - Non-Residential Energy Efficiency Rebate Program**

b. Technology Production:

9. Consultation Programs

10. Energy Production for Payment

- Solar Renewable Energy Certificates (SRECs)**
- Commercial Clean Energy Grant Program***
- Windswept Grant Program***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

Massachusetts

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Excise Tax Deduction for Solar- or Wind-Powered Systems**
- Excise Tax Exemption for Solar- or Wind-Powered Systems**
- Renewable Energy Property Tax Exemption**

b. Technology Production:

- Alternative Energy and Energy Conservation Patent Exemption (Corporate)**

c. Energy Production:

2. Grant, Loan, and Bond Based

b. Technology Upgrade:

- City of Cambridge - Cambridge Energy Alliance Solar Hot Water Grant***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

- Local Option - Energy Revolving Loan Fund** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.*)
- Commonwealth Wind Community-Scale Initiative**
- ReBuild Western Massachusetts Grant Program**
- Commonwealth Solar Hot Water Commercial Program** (*Construction grants only*)
- Holyoke Gas & Electric - Commercial Energy Efficiency Loan Program**
- MassSAVE - Financing for Business Program**

c. Technology Production:

- Commonwealth Organics-to-Energy Program**

d. Energy Audits:

3. Rebate and Fee Waiver

b. Technology Upgrade:

- Cape Light Compact - Commercial, Industrial and Municipal Buildings Energy Efficiency Rebate Program**
- Commonwealth Solar II Rebates***
- Commonwealth Wind Incentive Program – Micro Wind Initiative***
- Massachusetts Municipal Commercial Industrial Incentive Program**
- Berkshire Gas - Commercial Energy Efficiency Rebate Program**
- Columbia Gas of Massachusetts - Commercial Energy Efficiency Program**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- Concord Municipal Light Plant - Commercial Energy Efficiency Rebate Program**
- Concord Municipal Light Plant - Solar Rebate Program***
- Hudson Light & Power - Photovoltaic Incentive Program***
- MassSAVE (Electric) - Commercial New Construction Program**
- MassSAVE (Electric) - Commercial Retrofit Program**
- MassSAVE (Gas) - Commercial Retrofit Program**
- New England Gas Company - Residential and Commercial Energy Efficiency Rebate Programs**
- NSTAR (Electric) - Business Solutions Program**
- NSTAR (Electric) - Small Business Direct Install Program***
- NSTAR (Gas) - Commercial Energy Efficiency Programs**
- Reading Municipal Light Department - Business Energy Efficiency Rebate Program**
- Reading Municipal Light Department - Business Lighting Rebate Program**
- Western Massachusetts Electric - Commercial Energy Efficiency Rebates**

c. Technology Production:

4. Consultation Programs

- City of Cambridge - Cambridge Energy Alliance Solar Hot Water Grant***
- NSTAR (Electric) - Small Business Direct Install Program***

5. Energy Production for Payment

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

- Solar Renewable Energy Credits (SRECs)**
- Commonwealth Solar II Rebates***
- Commonwealth Wind Incentive Program – Micro Wind Initiative***
- Concord Municipal Light Plant - Solar Rebate Program***
- Hudson Light & Power - Photovoltaic Incentive Program***

Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Excise Tax Deduction for Solar- or Wind-Powered Systems**
- Excise Tax Exemption for Solar- or Wind-Powered Systems**
- Renewable Energy Property Tax Exemption**

b. Technology Production:

- Alternative Energy and Energy Conservation Patent Exemption (Corporate)**

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- City of Cambridge - Cambridge Energy Alliance Solar Hot Water Grant***
- Local Option - Energy Revolving Loan Fund** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior*

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

*lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.)*

- Commonwealth Wind Community-Scale Initiative**
- ReBuild Western Massachusetts Grant Program**
- Commonwealth Solar Hot Water Commercial Program** (*Construction grants only*)
- Holyoke Gas & Electric - Commercial Energy Efficiency Loan Program**
- MassSAVE - Financing for Business Program**

b. Technology Production:

- Commonwealth Organics-to-Energy Program**

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Cape Light Compact - Commercial, Industrial and Municipal Buildings Energy Efficiency Rebate Program**
- City of Cambridge - Cambridge Energy Alliance Solar Hot Water Grant**
- Commonwealth Solar II Rebates***
- Commonwealth Wind Incentive Program – Micro Wind Initiative***
- Massachusetts Municipal Commercial Industrial Incentive Program**
- Berkshire Gas - Commercial Energy Efficiency Rebate Program**
- Columbia Gas of Massachusetts - Commercial Energy Efficiency Program**

**Indicates the program qualifies under two program-types*

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- Concord Municipal Light Plant - Commercial Energy Efficiency Rebate Program**
- Concord Municipal Light Plant - Solar Rebate Program***
- Hudson Light & Power - Photovoltaic Incentive Program***
- MassSAVE (Electric) - Commercial New Construction Program**
- MassSAVE (Electric) - Commercial Retrofit Program**
- MassSAVE (Gas) - Commercial Retrofit Program**
- New England Gas Company - Residential and Commercial Energy Efficiency Rebate Programs**
- NSTAR (Electric) - Business Solutions Program**
- NSTAR (Electric) - Small Business Direct Install Program***
- NSTAR (Gas) - Commercial Energy Efficiency Programs**
- Reading Municipal Light Department - Business Energy Efficiency Rebate Program**
- Reading Municipal Light Department - Business Lighting Rebate Program**
- Western Massachusetts Electric - Commercial Energy Efficiency Rebates**

b. Technology Production:

9. Consultation Programs

- City of Cambridge - Cambridge Energy Alliance Solar Hot Water Grant***
- NSTAR (Electric) - Small Business Direct Install Program***

10. Energy Production for Payment

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

- a. Solar Renewable Energy Credits (SRECs)**
- b. Commonwealth Solar II Rebates***
- c. Commonwealth Wind Incentive Program – Micro Wind Initiative***
- d. Concord Municipal Light Plant - Solar Rebate Program***
- e. Hudson Light & Power - Photovoltaic Incentive Program***

Michigan

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Alternative Energy Personal Property Tax Exemption**

b. Technology Production:

c. Energy Production:

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- City of Detroit - SmartBuildings Detroit Grant Program
- City of Detroit - SmartBuildings Detroit Green Fund Loan
- City of Ann Arbor - PACE Financing**

**Indicates the program qualifies under two program-types*

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- Michigan Saves - Commercial Energy Loan Program

b. Technology Production:

- Energy Revolving Loan Fund - Clean Energy Advanced Manufacturing**

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Efficiency United (Gas) - Commercial Efficiency Program**
- Energy Smart - Commercial and Industrial Energy Efficiency Rebate Program (20 Municipalities)**
- Coldwater Board of Public Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Consumers Energy (Electric) - Commercial Energy Efficiency Program**
- Consumers Energy (Gas) - Commercial Energy Efficiency Program**
- Detroit Public Lighting Department - Commercial and Industrial Energy Wise Program**
- DTE Energy (Electric) - Commercial and Industrial Energy Efficiency Program **
- DTE Energy (Gas) - Commercial and Industrial Energy Efficiency Program**
- DTE Energy - Commercial New Construction Energy Efficiency Program**
- Energy Optimization (Electric) - Commercial Efficiency Program **
- Lansing Board of Water & Light - Hometown Energy Savers Commercial Rebates**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

- b. **Technology Production:**
- 4. **Consultation Programs**
- 5. **Energy Production for Payment**
 - Consumers Energy - Experimental Advanced Renewable Program**

Industrial-Zoned Properties:

- 6. **Tax Incentive Based**
 - a. **Technology Upgrade:**
 - Alternative Energy Personal Property Tax Exemption**
 - b. **Technology Production:**
 - c. **Energy Production:**
- 7. **Grant, Loan, and Bond Based**
 - a. **Technology Upgrade:**
 - City of Ann Arbor - PACE Financing**
 - b. **Technology Production:**
 - Energy Revolving Loan Fund - Clean Energy Advanced Manufacturing**
 - c. **Energy Audits:**
- 8. **Rebate and Fee Waiver**

**Indicates the program qualifies under two program-types*

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a. Technology Upgrade:

- Efficiency United (Gas) - Commercial Efficiency Program**
- Energy Smart - Commercial and Industrial Energy Efficiency Rebate Program (20 Municipalities)**
- Coldwater Board of Public Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Consumers Energy (Electric) - Commercial Energy Efficiency Program**
- Consumers Energy (Gas) - Commercial Energy Efficiency Program**
- Detroit Public Lighting Department - Commercial and Industrial Energy Wise Program**
- DTE Energy (Electric) - Commercial and Industrial Energy Efficiency Program **
- DTE Energy (Gas) - Commercial and Industrial Energy Efficiency Program**
- DTE Energy - Commercial New Construction Energy Efficiency Program**
- Energy Optimization (Electric) - Commercial Efficiency Program **
- Lansing Board of Water & Light - Hometown Energy Savers Commercial Rebates**

b. Technology Production:

9. Consultation Programs

10. Energy Production for Payment

- Consumers Energy - Experimental Advanced Renewable Program**

**Indicates the program qualifies under two program-types*

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Minnesota

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Wind and Solar-Electric (PV) Systems Exemption**
- Solar Energy Sales Tax Exemption**
- Wind Energy Sales Tax Exemption**

b. Technology Production:

c. Energy Production:

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Local Option - Energy Improvement Financing Programs** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010*)

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

*concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.)*

- Dakota Electric Association - Commercial and Industrial Custom Energy Grant Program **
- Lake Region Electric Cooperative - Commercial Energy Efficiency Grant Program**
- Minnesota Power - Power Grant Program**
- Otter Tail Power Company - Commercial & Industrial Energy Efficiency Grant Program**
- Alliant Energy Interstate Power and Light (Gas and Electric) - Low Interest Energy Efficiency Loan Program**
- Dakota Electric Association - Commercial and Industrial Energy Conservation Loan Program**
- Otter Tail Power Company - DollarSmart Energy Efficiency Loan Program**
- Stearns Electric Association - Energy Efficiency Loan Program**

b. Technology Production:

- Bioenergy Grant Program**
- Xcel Energy - Renewable Development Fund Grants** (*Currently on hold*)

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Business Energy Efficiency Rebate (Offered by 23 Utilities)**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- Great River Energy (28 Member Cooperatives) - Commercial and Industrial Efficiency Rebates**
- Alexandria Light and Power - Commercial Energy Efficiency Rebate Program **
- Alliant Energy Interstate Power and Light (Electric) - Business Energy Efficiency Rebate Programs
- Alliant Energy Interstate Power and Light (Gas) - Business Energy Efficiency Rebate Programs
- Anoka Municipal Utility - Commercial Energy Efficiency Rebate Program**
- Austin Utilities (Gas and Electric) - Commercial and Industrial Energy Efficiency Rebate Program**
- Austin Utilities - Solar Rebate Program*
- Blooming Prairie Public Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Brainerd Public Utilities - Renewable Incentives Program***
- CenterPoint Energy (Gas) - Commercial Energy Efficiency Rebate Program**
- Connexus Energy - Commercial Energy Efficiency Rebate Programs**
- Dakota Electric Association - Commercial and Industrial Energy Efficiency Rebate Program**
- East Central Energy - Commercial Energy Efficiency Rebate Program**
- Elk River Municipal Utilities - Commercial Energy Efficiency Rebate Program**

**Indicates the program qualifies under two program-types*

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- Fairmont Public Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Grand Marais PUC - Commercial & Industrial Energy Efficiency Rebate Program**
- Hutchinson Utilities Commission - Commercial Energy Efficiency Program
- Lake City Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Litchfield Public Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Marshall Municipal Utilities - Commercial Energy Efficiency Rebate Program**
- Minnesota Energy Resources (Gas) - Commercial and Industrial Energy Efficiency Rebate Program ***
- Minnesota Power - Solar-Electric (PV) Rebate Program***
- Minnesota Power - Solar-Thermal Water Heating Rebate Program**
- Minnesota Valley Electric Cooperative - Commercial and Industrial Energy Efficiency Rebate Program**
- MMPA - Commercial and Industrial Energy Efficiency Program**
- Moorhead Public Service Utility - Commercial and Industrial Energy Efficiency Rebate Program**
- Moorhead Public Service Utility - Renewable Energy Incentive***
- Mora Municipal Utilities - Commercial & Industrial Energy Efficiency Rebate Program**

**Indicates the program qualifies under two program-types*

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- New Prague Utilities Commission - Commercial & Industrial Energy Efficiency Rebate Program **
- New Ulm Public Utilities - Energy Efficiency Rebate Program **
- North Branch Municipal Water & Light - Commercial & Industrial Energy Efficiency Rebate Program**
- Northern Municipal Power Agency - Commercial Energy Efficiency Rebate Program**
- Otter Tail Power Company - Commercial & Industrial Energy Efficiency Rebate Program**
- Owatonna Public Utilities - Solar Rebate Program***
- Preston Public Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Princeton PUC - Commercial & Industrial Energy Efficiency Rebate Program**
- Redwood Falls Public Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Rochester Public Utilities - Commercial and Industrial Energy Efficiency Rebate Program**
- Rochester Public Utilities - Solar Rebate Program***
- Saint Peter Municipal Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Shakopee Public Utilities - Commercial and Industrial Energy Efficiency Rebate Program**
- Spring Valley Public Utilities - Commercial & Industrial Energy Efficiency Rebate Program**

**Indicates the program qualifies under two program-types*

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- Stearns Electric Association - Commercial Energy Efficiency Rebate Program **
- Waseca Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Wells Public Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Wright-Hennepin Cooperative Electric Association - Non-Residential Energy Efficient Rebate Program **
- Xcel Energy (Electric) - Business Energy Efficiency Rebate Programs**
- Xcel Energy (Gas) - Business Energy Efficiency Rebate Programs**
- Xcel Energy - Solar*Rewards Program and MN Made PV Rebate Program*

b. Technology Production:

4. Consultation Programs

- Minnesota Energy Resources (Gas) - Commercial and Industrial Energy Efficiency Rebate Program ***

5. Energy Production for Payment

- Renewable Energy Production Incentive**
- Austin Utilities - Solar Rebate Program*
- Brainerd Public Utilities - Renewable Incentives Program***
- Minnesota Power - Solar-Electric (PV) Rebate Program***
- Moorhead Public Service Utility - Renewable Energy Incentive***
- Owatanna Public Utilities - Solar Rebate Program***
- Rochester Public Utilities - Solar Rebate Program***

**Indicates the program qualifies under two program-types*

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- Xcel Energy - Solar*Rewards Program and MN Made PV Rebate Program*

Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Wind and Solar-Electric (PV) Systems Exemption**
- Solar Energy Sales Tax Exemption**
- Wind Energy Sales Tax Exemption**

b. Technology Production:

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Local Option - Energy Improvement Financing Programs** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.*)
- Dakota Electric Association - Commercial and Industrial Custom Energy Grant Program **
- Lake Region Electric Cooperative - Commercial Energy Efficiency Grant Program**

*Indicates the program qualifies under two program-types

**Indicates the program qualifies under both zoned property types

*** Indicates the program qualifies under two program-types & under both zoned property types

- Minnesota Power - Power Grant Program**
- Otter Tail Power Company - Commercial & Industrial Energy Efficiency Grant Program**
- Alliant Energy Interstate Power and Light (Gas and Electric) - Low Interest Energy Efficiency Loan Program**
- Dakota Electric Association - Commercial and Industrial Energy Conservation Loan Program**
- Otter Tail Power Company - DollarSmart Energy Efficiency Loan Program**
- Stearns Electric Association - Energy Efficiency Loan Program**

b. Technology Production:

- Bioenergy Grant Program**
- Xcel Energy - Renewable Development Fund Grants** (*Currently on hold*)

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Business Energy Efficiency Rebate (Offered by 23 Utilities)**
- Great River Energy (28 Member Cooperatives) - Commercial and Industrial Efficiency Rebates**
- Alexandria Light and Power - Commercial Energy Efficiency Rebate Program **
- Anoka Municipal Utility - Commercial Energy Efficiency Rebate Program**

**Indicates the program qualifies under two program-types*

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- Austin Utilities (Gas and Electric) - Commercial and Industrial Energy Efficiency Rebate Program**
- Blooming Prairie Public Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Brainerd Public Utilities - Renewable Incentives Program***
- CenterPoint Energy (Gas) - Commercial Energy Efficiency Rebate Program**
- Connexus Energy - Commercial Energy Efficiency Rebate Programs**
- Dakota Electric Association - Commercial and Industrial Energy Efficiency Rebate Program**
- East Central Energy - Commercial Energy Efficiency Rebate Program**
- Elk River Municipal Utilities - Commercial Energy Efficiency Rebate Program**
- Fairmont Public Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Grand Marais PUC - Commercial & Industrial Energy Efficiency Rebate Program**
- Lake City Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Litchfield Public Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Marshall Municipal Utilities - Commercial Energy Efficiency Rebate Program**
- Minnesota Energy Resources (Gas) - Commercial and Industrial Energy Efficiency Rebate Program ***

**Indicates the program qualifies under two program-types*

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- Minnesota Power - Solar-Electric (PV) Rebate Program***
- Minnesota Power - Solar-Thermal Water Heating Rebate Program**
- Minnesota Valley Electric Cooperative - Commercial and Industrial Energy Efficiency Rebate Program**
- MMPA - Commercial and Industrial Energy Efficiency Program**
- Moorhead Public Service Utility - Commercial and Industrial Energy Efficiency Rebate Program**
- Moorhead Public Service Utility - Renewable Energy Incentive***
- Mora Municipal Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- New Prague Utilities Commission - Commercial & Industrial Energy Efficiency Rebate Program **
- New Ulm Public Utilities - Energy Efficiency Rebate Program **
- North Branch Municipal Water & Light - Commercial & Industrial Energy Efficiency Rebate Program**
- Northern Municipal Power Agency - Commercial Energy Efficiency Rebate Program**
- Otter Tail Power Company - Commercial & Industrial Energy Efficiency Rebate Program**
- Owatanna Public Utilities - Solar Rebate Program***
- Preston Public Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Princeton PUC - Commercial & Industrial Energy Efficiency Rebate Program**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

- Redwood Falls Public Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Rochester Public Utilities - Commercial and Industrial Energy Efficiency Rebate Program**
- Rochester Public Utilities - Solar Rebate Program***
- Saint Peter Municipal Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Shakopee Public Utilities - Commercial and Industrial Energy Efficiency Rebate Program**
- Spring Valley Public Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Stearns Electric Association - Commercial Energy Efficiency Rebate Program **
- Waseca Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Wells Public Utilities - Commercial & Industrial Energy Efficiency Rebate Program**
- Wright-Hennepin Cooperative Electric Association - Non-Residential Energy Efficient Rebate Program **
- Xcel Energy (Electric) - Business Energy Efficiency Rebate Programs**
- Xcel Energy (Gas) - Business Energy Efficiency Rebate Programs**

b. Technology Production:

9. Consultation Programs

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- Minnesota Energy Resources (Gas) - Commercial and Industrial Energy Efficiency Rebate Program ***

10. Energy Production for Payment

- Renewable Energy Production Incentive**
- Brainerd Public Utilities - Renewable Incentives Program***
- Minnesota Power - Solar-Electric (PV) Rebate Program***
- Moorhead Public Service Utility - Renewable Energy Incentive***
- Owatanna Public Utilities - Solar Rebate Program***
- Rochester Public Utilities - Solar Rebate Program***

**Indicates the program qualifies under two program-types*

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Mississippi

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

b. Technology Production:

- Mississippi Clean Energy Initiative**

c. Energy Production:

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Energy Investment Loan Program**
- TVA Partner Utilities - energy right Heat Pump Program

b. Technology Production:

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Coast Electric Power Association - Commercial Energy Efficiency Rebate Program
- Mississippi Power - EarthCents Commercial Incentives Program**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- TVA - Energy Right Solutions for Business***
- TVA Partner Utilities - energy right Water Heater Program

b. Technology Production:

4. Consultation Programs

- TVA - Energy Right Solutions for Business***

5. Energy Production for Payment

- TVA - Generation Partners Program**
- TVA - Mid-Sized Renewable Standard Offer Program**

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

b. Technology Production:

- Mississippi Clean Energy Initiative**

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Energy Investment Loan Program**

b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Mississippi Power - EarthCents Commercial Incentives Program**
- TVA - Energy Right Solutions for Business***

b. Technology Production:

9. Consultation Programs

- TVA - Energy Right Solutions for Business***

10. Energy Production for Payment

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

- TVA - Generation Partners Program**
- TVA - Mid-Sized Renewable Standard Offer Program**

Missouri

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Renewable Energy Generation Zone Property Tax Abatement***
- Sales Tax Holiday for Energy-Efficient Appliances **

b. Technology Production:

c. Energy Production:

- Wood Energy Production Credit**
- Renewable Energy Generation Zone Property Tax Abatement***

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Local Option - Clean Energy Development Boards** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.*)
- Jefferson City - Property Assessed Clean Energy**

*Indicates the program qualifies under two program-types

**Indicates the program qualifies under both zoned property types

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- Columbia Water & Light - Commercial Super Saver Loans**
- Laclede Gas Company - Loan Programs for Energy Efficiency

b. Technology Production:

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Ameren Missouri (Electric) - Business Energy Efficiency Program**
- Ameren Missouri (Gas) - Business Energy Efficiency Program**
- Ameren Missouri - Photovoltaic Rebate Program***
- City Utilities of Springfield - Commercial Energy Efficiency Rebate Program
- Co-Mo Electric Cooperative - Energy Efficiency Rebate Program
- Columbia Water & Light - HVAC and Lighting Efficiency Rebates**
- Columbia Water & Light - Solar Rebates*
- Cuivre River Electric - Energy Efficiency Rebate Programs
- Empire District Electric - Commercial and Industrial Efficiency Rebates**
- Independence Power and Light - Commercial Energy Efficiency Rebate Program
- Intercounty Electric Cooperative - Energy Efficiency Rebate Program**
- Kansas City Power & Light - Commercial/Industrial Energy Efficiency Rebate Program**
- Kansas City Power & Light - Energy Optimizer Programmable Thermostat Program

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- Kansas City Power & Light - Solar Photovoltaic Rebates ***
- Laclede Gas Company - Commercial and Industrial Energy Efficiency Rebate Program**
- Missouri Gas Energy (MGE) - Residential and Small Business Efficiency Rebates **
- Southwest Electric Cooperative - Energy Efficiency Rebate Program
- White River Valley Electric Cooperative - Energy Efficiency Rebate Program

b. Technology Production:

4. Consultation Programs

5. Energy Production for Payment

- Ameren Missouri - Solar Renewable Energy Credits**
- Ameren Missouri - Photovoltaic Rebate Program***
- Columbia Water & Light - Solar Rebates*
- Kansas City Power & Light - Solar Photovoltaic Rebates ***

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Renewable Energy Generation Zone Property Tax Abatement***
- Sales Tax Holiday for Energy-Efficient Appliances **

b. Technology Production:

c. Energy Production:

- Wood Energy Production Credit**
- Renewable Energy Generation Zone Property Tax Abatement***

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Local Option - Clean Energy Development Boards** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.*)
- Jefferson City - Property Assessed Clean Energy**
- Columbia Water & Light - Commercial Super Saver Loans**

b. Technology Production:

c. Energy Audits:

*Indicates the program qualifies under two program-types

**Indicates the program qualifies under both zoned property types

*** Indicates the program qualifies under two program-types & under both zoned property types

8. Rebate and Fee Waiver

a. **Technology Upgrade:**

- Ameren Missouri (Electric) - Business Energy Efficiency Program**
- Ameren Missouri (Gas) - Business Energy Efficiency Program**
- Ameren Missouri - Photovoltaic Rebate Program***
- Columbia Water & Light - HVAC and Lighting Efficiency Rebates**
- Empire District Electric - Commercial and Industrial Efficiency Rebates**
- Intercounty Electric Cooperative - Energy Efficiency Rebate Program**
- Kansas City Power & Light - Commercial/Industrial Energy Efficiency Rebate Program**
- Kansas City Power & Light - Solar Photovoltaic Rebates ***
- Laclede Gas Company - Commercial and Industrial Energy Efficiency Rebate Program**
- Missouri Gas Energy (MGE) - Residential and Small Business Efficiency Rebates **

b. **Technology Production:**

9. Consultation Programs

10. Energy Production for Payment

- Ameren Missouri - Solar Renewable Energy Credits**
- Ameren Missouri - Photovoltaic Rebate Program***
- Kansas City Power & Light - Solar Photovoltaic Rebates ***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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Montana

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Deduction For Energy-Conserving Investment **

b. Technology Production:

- Alternative Energy Investment Tax Credit (Corporate)***
- Property Tax Abatement for Production and Manufacturing Facilities***

c. Energy Production:

- Alternative Energy Investment Tax Credit (Corporate)***
- Property Tax Abatement for Production and Manufacturing Facilities***
- Corporate Property Tax Reduction for New/Expanded Generating Facilities**
- Generation Facility Corporate Tax Exemption**
- Renewable Energy Systems Exemption**

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

- Alternative Energy Revolving Loan Program**
- NorthWestern Energy - Custom Business Efficiency Program**
- NorthWestern Energy - USB Renewable Energy Fund***

b. Technology Production:

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Black Hills Power - Commercial Energy Efficiency Programs
- Flathead Electric Cooperative - Commercial Lighting Rebate Program
- Montana-Dakota Utilities - Commercial Energy Efficiency Incentive Program
- NorthWestern Energy (Electric) - Commercial Energy Efficiency Rebate Program**
- NorthWestern Energy (Gas) - Commercial Energy Efficiency Rebate Program**
- Yellowstone Valley Electric Cooperative - Residential/Commercial Efficiency Rebate Program

b. Technology Production:

4. Consultation Programs

5. Energy Production for Payment

- NorthWestern Energy - USB Renewable Energy Fund***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Deduction For Energy-Conserving Investment **

b. Technology Production:

- Alternative Energy Investment Tax Credit (Corporate)***
- Property Tax Abatement for Production and Manufacturing Facilities***

c. Energy Production:

- Alternative Energy Investment Tax Credit (Corporate)***
- Property Tax Abatement for Production and Manufacturing Facilities***
- Corporate Property Tax Reduction for New/Expanded Generating Facilities**
- Generation Facility Corporate Tax Exemption**
- Renewable Energy Systems Exemption**

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Alternative Energy Revolving Loan Program**
- NorthWestern Energy - Custom Business Efficiency Program**
- NorthWestern Energy - USB Renewable Energy Fund***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

b. Technology Production:**c. Energy Audits:****8. Rebate and Fee Waiver****a. Technology Upgrade:**

- NorthWestern Energy (Electric) - Commercial Energy Efficiency Rebate Program**
- NorthWestern Energy (Gas) - Commercial Energy Efficiency Rebate Program**

b. Technology Production:**9. Consultation Programs****10. Energy Production for Payment**

- NorthWestern Energy - USB Renewable Energy Fund***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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Nebraska

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

b. Technology Production:

c. Energy Production:

- Renewable Energy Tax Credit (Corporate)**
- Property Tax Exemption for Wind Energy Generation Facilities**

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Dollar and Energy Savings Loans

b. Technology Production:

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Nebraska ReEnergize Program
- Lincoln Electric System (Commercial and Industrial) - Sustainable Energy Program**

**Indicates the program qualifies under two program-types*

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- Nebraska Public Power District - Commercial Energy Efficiency Rebate Programs**
- Omaha Public Power District - Commercial Energy Efficiency Rebate Programs**

b. Technology Production:

- 4. Consultation Programs**
- 5. Energy Production for Payment**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

b. Technology Production:

c. Energy Production:

- Renewable Energy Tax Credit (Corporate)**
- Property Tax Exemption for Wind Energy Generation Facilities**

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Lincoln Electric System (Commercial and Industrial) - Sustainable Energy Program**
- Nebraska Public Power District - Commercial Energy Efficiency Rebate Programs**
- Omaha Public Power District - Commercial Energy Efficiency Rebate Programs**

b. Technology Production:

9. Consultation Programs

**Indicates the program qualifies under two program-types*

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10. Energy Production for Payment

Nevada

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Property Tax Abatement for Green Buildings**

b. Technology Production:

c. Energy Production:

- Large Scale Renewable Energy Property Tax Abatement (Nevada State Office of Energy)**
- Renewable Energy Systems Property Tax Exemption (Nevada Tax Commission) **
- Renewable Energy Sales and Use Tax Abatement**

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Local Option - Special Improvement Districts** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.*)
- Revolving Loan Program***

b. Technology Production:

- Revolving Loan Program***

*Indicates the program qualifies under two program-types

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*** Indicates the program qualifies under two program-types & under both zoned property types

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- NV Energy - RenewableGenerations Rebate Program(*Solar and wind programs are on hold; hydro program is open*)
- NV Energy (Northern Nevada) - Solar Hot Water Incentive Program
- NV Energy (Northern Nevada) - SureBet Business Energy Efficiency Rebate Program**
- NV Energy (Southern Nevada) - SureBet Business Energy Efficiency Rebate Program**
- Southwest Gas Corporation - Commercial Energy Audit Program ***
- Southwest Gas Corporation - Commercial Energy Efficient Equipment Rebate Program
- Southwest Gas Corporation - Smarter Greener Better Solar Water Heating Program **

b. Technology Production:

4. Consultation Programs

- Southwest Gas Corporation - Commercial Energy Audit Program ***

5. Energy Production for Payment

- Portfolio Energy Credits**
- NV Energy - RenewableGenerations Rebate Program(*Solar and wind programs are on hold; hydro program is open*)

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Property Tax Abatement for Green Buildings**

b. Technology Production:

c. Energy Production:

- Large Scale Renewable Energy Property Tax Abatement (Nevada State Office of Energy)**
- Renewable Energy Systems Property Tax Exemption (Nevada Tax Commission) **
- Renewable Energy Sales and Use Tax Abatement**

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Local Option - Special Improvement Districts** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.*)
- Revolving Loan Program***

b. Technology Production:

- Revolving Loan Program***

c. Energy Audits:

*Indicates the program qualifies under two program-types

**Indicates the program qualifies under both zoned property types

*** Indicates the program qualifies under two program-types & under both zoned property types

8. Rebate and Fee Waiver

a. Technology Upgrade:

- NV Energy - RenewableGenerations Rebate Program*** (*Solar and wind programs are on hold; hydro program is open*)
- NV Energy (Northern Nevada) - SureBet Business Energy Efficiency Rebate Program**
- NV Energy (Southern Nevada) - SureBet Business Energy Efficiency Rebate Program**
- Southwest Gas Corporation - Commercial Energy Audit Program ***
- Southwest Gas Corporation - Smarter Greener Better Solar Water Heating Program **

b. Technology Production:

9. Consultation Programs

- Southwest Gas Corporation - Commercial Energy Audit Program ***

10. Energy Production for Payment

- Portfolio Energy Credits**
- NV Energy - RenewableGenerations Rebate Program(*Solar and wind programs are on hold; hydro program is open*)

*Indicates the program qualifies under two program-types

**Indicates the program qualifies under both zoned property types

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New Hampshire

Commercial-Zoned Properties:

1. Tax Incentive Based

- a. **Technology Upgrade:**
- b. **Technology Production:**
- c. **Energy Production:**

2. Grant, Loan, and Bond Based

a. **Technology Upgrade:**

- Local Option - Energy Efficiency & Clean Energy Districts** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.*)
- Commercial & Industrial Renewable Energy Grants** (*Deadline for 2012 has passed. Contact the New Hampshire Public Utilities Commission for information about future opportunities*)
- Enterprise Energy Fund Grants*** (*Currently not accepting applications, but grants might be available again in the future*)
- Enterprise Energy Fund Loans*** (*Currently not accepting applications, but loans might be available again in the future*)
- NH BFA - Business Energy Conservation Revolving Loan Fund **
- PSNH - Energy Rewards RFP Program**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

- New Hampshire Electric Co-Op - SmartSTART Energy Efficiency Loan Program**

b. Technology Production:

c. Energy Audits:

- Enterprise Energy Fund Grants*** (*Currently not accepting applications, but grants might be available again in the future*)
- Enterprise Energy Fund Loans*** (*Currently not accepting applications, but loans might be available again in the future*)

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Commercial & Industrial Solar Rebate Program ***
- National Grid (Electric) – Commercial Energy Efficiency Incentive Programs **
- National Grid (Electric) – Commercial New Construction Rebate Program**
- National Grid (Gas) - Commercial Energy Efficiency Programs **
- New Hampshire Electric Co-Op - Large Business Energy Solutions** (*Large is defined as businesses who use 100 kW or more*)
- New Hampshire Electric Co-Op - New Equipment and Construction Program**
- New Hampshire Electric Co-Op - Small Business Energy Solutions** (*Small is defined as businesses who use less than 100 kW*)

*Indicates the program qualifies under two program-types

**Indicates the program qualifies under both zoned property types

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- PSNH - Large Business Energy Efficiency Retrofit Rebate Program** (*Large is defined as businesses who use 100 kW or more*)
- PSNH - New Construction Energy Efficiency Rebate Program **
- PSNH - Small Business Retrofit Program**(Small is defined as businesses who use less than 100 kW)
- Unitil (Electric) - Commercial and Industrial Energy Efficiency Programs**
- Unitil (Gas) - Commercial and Industrial Energy Efficiency Programs**

b. **Technology Production:**

4. Consultation Programs

- Pay for Performance Program**

5. Energy Production for Payment

- Commercial & Industrial Solar Rebate Program ***

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

- a. Technology Upgrade:**
- b. Technology Production:**
- c. Energy Production:**

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Local Option - Energy Efficiency & Clean Energy Districts** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.*)
- Commercial & Industrial Renewable Energy Grants** (*Deadline for 2012 has passed. Contact the New Hampshire Public Utilities Commission for information about future opportunities*)
- Enterprise Energy Fund Grants*** (*Currently not accepting applications, but grants might be available again in the future*)
- Enterprise Energy Fund Loans*** (*Currently not accepting applications, but loans might be available again in the future*)
- NH BFA - Business Energy Conservation Revolving Loan Fund **
- PSNH - Energy Rewards RFP Program**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- New Hampshire Electric Co-Op - SmartSTART Energy Efficiency Loan Program**

b. Technology Production:

c. Energy Audits:

- Enterprise Energy Fund Grants*** (*Currently not accepting applications, but grants might be available again in the future*)
- Enterprise Energy Fund Loans*** (*Currently not accepting applications, but loans might be available again in the future*)

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Commercial & Industrial Solar Rebate Program ***
- National Grid (Electric) – Commercial Energy Efficiency Incentive Programs **
- National Grid (Electric) – Commercial New Construction Rebate Program**
- National Grid (Gas) - Commercial Energy Efficiency Programs **
- New Hampshire Electric Co-Op - Large Business Energy Solutions** (*Large is defined as businesses who use 100 kW or more*)
- New Hampshire Electric Co-Op - New Equipment and Construction Program**
- New Hampshire Electric Co-Op - Small Business Energy Solutions** (*Small is defined as businesses who use less than 100 kW*)

*Indicates the program qualifies under two program-types

**Indicates the program qualifies under both zoned property types

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- PSNH - Large Business Energy Efficiency Retrofit Rebate Program** (*Large is defined as businesses who use 100 kW or more*)
- PSNH - New Construction Energy Efficiency Rebate Program **
- PSNH - Small Business Retrofit Program**(Small is defined as businesses who use less than 100 kW)
- Unitil (Electric) - Commercial and Industrial Energy Efficiency Programs**
- Unitil (Gas) - Commercial and Industrial Energy Efficiency Programs**

b. **Technology Production:**

9. **Consultation Programs**

- Pay for Performance Program**

10. **Energy Production for Payment**

- Commercial & Industrial Solar Rebate Program ***

**Indicates the program qualifies under two program-types*

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New Jersey

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Solar Energy Sales Tax Exemption**

b. Technology Production:

- Wind Manufacturing Tax Credit **

c. Energy Production:

- Property Tax Exemption for Renewable Energy Systems**

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- PSE&G - Solar Loan Program** (*Not currently accepting applications*)
- Utility Solar Financing Programs (ACE, JCP&L, RECO) ** (*Not currently accepting applications*)
- Local Option - Property Assessed Clean Energy Financing** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.*)
- Clean Energy Solutions Large Scale CHP and Fuel Cells Program**
- Small Scale CHP and Fuel Cell Incentive Program**

*Indicates the program qualifies under two program-types

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- Clean Energy Solutions Energy Efficiency Revolving Loan Fund**

b. Technology Production:

- Edison Innovation Clean Energy Manufacturing Fund - Grants and Loans**
- Edison Innovation Green Growth Fund Loans **

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- New Jersey Renewable Energy Incentive Program** (*No longer offered for PV systems, and on hold for wind systems; open for others until further notice*)
- New Jersey SmartStart Buildings - Direct Install Program ***
- New Jersey SmartStart Buildings - New Construction and Retrofits**
- New Jersey SmartStart Buildings - Pay for Performance Program**
- PSE&G - Commercial Efficiency Program**

b. Technology Production:

4. Consultation Programs

- New Jersey SmartStart Buildings - Direct Install Program ***

5. Energy Production for Payment

- Grid-Connected Renewables Program** (*Currently closed*)
- Solar Renewable Energy Certificates (SRECs)

*Indicates the program qualifies under two program-types

**Indicates the program qualifies under both zoned property types

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Solar Energy Sales Tax Exemption**

b. Technology Production:

- Wind Manufacturing Tax Credit **

c. Energy Production:

- Property Tax Exemption for Renewable Energy Systems**

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- PSE&G - Solar Loan Program** (*Not currently accepting applications*)
- Utility Solar Financing Programs (ACE, JCP&L, RECO) ** (*Not currently accepting applications*)
- Local Option - Property Assessed Clean Energy Financing** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.*)
- Clean Energy Solutions Large Scale CHP and Fuel Cells Program**
- Small Scale CHP and Fuel Cell Incentive Program**
- Clean Energy Solutions Energy Efficiency Revolving Loan Fund**

**Indicates the program qualifies under two program-types*

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b. Technology Production:

- Edison Innovation Clean Energy Manufacturing Fund - Grants and Loans**
- Edison Innovation Green Growth Fund Loans **

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- New Jersey Renewable Energy Incentive Program** (*No longer offered for PV systems, and on hold for wind systems; open for others until further notice*)
- New Jersey SmartStart Buildings - Direct Install Program ***
- New Jersey SmartStart Buildings - New Construction and Retrofits**
- New Jersey SmartStart Buildings - Pay for Performance Program**
- PSE&G - Commercial Efficiency Program**

b. Technology Production:

9. Consultation Programs

- New Jersey SmartStart Buildings - Direct Install Program ***

10. Energy Production for Payment

- Grid-Connected Renewables Program** (*Currently closed*)
- Solar Renewable Energy Certificates (SRECs)

*Indicates the program qualifies under two program-types

**Indicates the program qualifies under both zoned property types

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New Mexico

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Advanced Energy Tax Credit (Corporate)**
- Geothermal Heat Pump Tax Credit (Corporate)**
- Sustainable Building Tax Credit (Corporate)
- Solar Market Development Tax Credit

b. Technology Production:

- Alternative Energy Product Manufacturers Tax Credit**

c. Energy Production:

- Renewable Energy Production Tax Credit (Corporate)**
- Advanced Energy Gross Receipts Tax Deduction
- Biomass Equipment & Materials Compensating Tax Deduction **
- Solar Energy Gross Receipts Tax Deduction

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

**Indicates the program qualifies under two program-types*

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- Local Option - Renewable Energy Financing District/Solar Energy Improvement Special Assessments***(In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.)*

b. Technology Production:

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- El Paso Electric Company - Commercial Efficiency Program**
- El Paso Electric Company - SCORE Plus Standard Offer Program***
- New Mexico Gas Company - Commercial Efficiency Programs**
- PNM - Commercial Energy Efficiency Rebate Program**
- Xcel Energy (Electric) - Commercial Energy Efficiency Rebate Program**

b. Technology Production:

4. Consultation Programs

- El Paso Electric Company - SCORE Plus Standard Offer Program***

5. Energy Production for Payment

- El Paso Electric Company - Small and Medium System Renewable Energy Certificate Purchase Program**
- PNM - Performance-Based Solar PV Program
- Xcel Energy - Solar*Rewards Program**

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Advanced Energy Tax Credit (Corporate)**
- Geothermal Heat Pump Tax Credit (Corporate)**

b. Technology Production:

- Alternative Energy Product Manufacturers Tax Credit**

c. Energy Production:

- Renewable Energy Production Tax Credit (Corporate)**
- Biomass Equipment & Materials Compensating Tax Deduction **

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- El Paso Electric Company - Commercial Efficiency Program**
- El Paso Electric Company - SCORE Plus Standard Offer Program***
- New Mexico Gas Company - Commercial Efficiency Programs**

**Indicates the program qualifies under two program-types*

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- PNM - Commercial Energy Efficiency Rebate Program**
- Xcel Energy (Electric) - Commercial Energy Efficiency Rebate Program**

b. **Technology Production:**

9. **Consultation Programs**

- El Paso Electric Company - SCORE Plus Standard Offer Program***

10. **Energy Production for Payment**

- El Paso Electric Company - Small and Medium System Renewable Energy Certificate Purchase Program**
- Xcel Energy - Solar*Rewards Program**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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New York

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- New York City - Property Tax Abatement for Photovoltaic (PV) Equipment Expenditures**
- Local Option - Solar, Wind & Biomass Energy Systems Exemption**

b. Technology Production:

c. Energy Production:

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Local Option - Municipal Sustainable Energy Programs** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.*)

b. Technology Production:

- Distributed Generation as Combined Heat and Power (DG-CHP)** (*Most recent solicitation for applications has been closed*)

c. Energy Audits:

*Indicates the program qualifies under two program-types

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3. Rebate and Fee Waiver

a. Technology Upgrade:

- RG&E (Gas) - Commercial and Industrial Efficiency Program**
- RG&E (Electric) - Small Business Lighting Retrofit Program *** (*Small described as companies with a peak demand of 100kW or less*)
- RG&E (Electric) - Commercial and Industrial Efficiency Program**
- Orange and Rockland Utilities (Electric) - Residential Appliance Recycling Program** (*For companies with a peak demand less than 100kW*)
- Orange and Rockland Utilities (Electric) - Commercial Efficiency Programs**
- NYSEG (Gas) - Commercial and Industrial Efficiency Program **
- NYSEG (Electric) - Small Business Lighting Retrofit Program *** (*Small described as companies with a peak demand of 100kW or less*)
- NYSEG (Electric) - Commercial and Industrial Efficiency Program**
- National Grid (Gas) - Commercial Energy Efficiency Rebate Programs (Upstate New York)**
- National Grid (Gas) - Commercial Energy Efficiency Rebate Programs (Metro New York)**
- National Grid (Electric) - Non-Residential Energy Efficiency Program (Upstate New York)**
- National Fuel (Gas) - Small Commercial Conservation Program **

*Indicates the program qualifies under two program-types

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- National Fuel (Gas) - Large Non-Residential Conservation Program**
(Large is defined as using more than 12,000 cubic ft. of natural gas per year)
- Long Island Power Authority - Wind Energy Rebate Program ***
- Long Island Power Authority - PV Rebate Program***
- Long Island Power Authority - Commercial Energy Efficiency Rebate Program**
- ConEd (Gas) - Commercial and Industrial Energy Efficiency Program**
- ConEd (Electric) - Commercial and Industrial Energy Efficiency Program**
- Central Hudson Gas & Electric (Gas) - Commercial Energy Efficiency Program**
- Central Hudson Gas & Electric (Electric) - Commercial Lighting Rebate Program **
- Solar Thermal Incentive Program**
- PV Incentive Program ***
- On-Site Small Wind Incentive Program ***
- Industrial and Process Efficiency Performance Incentives**
- Existing Facilities Program**
- Energy Smart New Construction Program**
- Anaerobic Digester Gas-to-Electricity Rebate and Performance Incentive***
- City of Riverhead - Energy Conservation Device Permitting Fees

b. Technology Production:

**Indicates the program qualifies under two program-types*

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- NYSERDA - Innovation in Manufacturing Clean Energy Technologies**

4. Consultation Programs

- RG&E (Electric) - Small Business Lighting Retrofit Program *** (*Small described as companies with a peak demand of 100kW or less*)
- NYSEG (Electric) - Small Business Lighting Retrofit Program *** (*Small described as companies with a peak demand of 100kW or less*)

5. Energy Production for Payment

- Long Island Power Authority - Wind Energy Rebate Program ***
- Long Island Power Authority - PV Rebate Program***
- PV Incentive Program ***
- On-Site Small Wind Incentive Program ***
- Anaerobic Digester Gas-to-Electricity Rebate and Performance Incentive***
- RPS Customer-Sited Tier Regional Program **
- Fuel Cell Rebate and Performance Incentive**

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- New York City - Property Tax Abatement for Photovoltaic (PV) Equipment Expenditures**
- Local Option - Solar, Wind & Biomass Energy Systems Exemption**

b. Technology Production:

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Local Option - Municipal Sustainable Energy Programs** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.*)

b. Technology Production:

- Distributed Generation as Combined Heat and Power (DG-CHP)** (*Most recent solicitation for applications has been closed*)

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

**Indicates the program qualifies under two program-types*

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- RG&E (Gas) - Commercial and Industrial Efficiency Program**
- RG&E (Electric) - Small Business Lighting Retrofit Program *** (*Small described as companies with a peak demand of 100kW or less*)
- RG&E (Electric) - Commercial and Industrial Efficiency Program**
- Orange and Rockland Utilities (Electric) - Residential Appliance Recycling Program** (*For companies with a peak demand of less than 100kW*)
- Orange and Rockland Utilities (Electric) - Commercial Efficiency Programs**
- NYSEG (Gas) - Commercial and Industrial Efficiency Program **
- NYSEG (Electric) - Small Business Lighting Retrofit Program *** (*Small described as companies with a peak demand of 100kW or less*)
- NYSEG (Electric) - Commercial and Industrial Efficiency Program**
- National Grid (Gas) - Commercial Energy Efficiency Rebate Programs (Upstate New York)**
- National Grid (Gas) - Commercial Energy Efficiency Rebate Programs (Metro New York)**
- National Grid (Electric) - Non-Residential Energy Efficiency Program (Upstate New York)**
- National Fuel (Gas) - Small Commercial Conservation Program **
- National Fuel (Gas) - Large Non-Residential Conservation Program** (*Large is defined as using more than 12,000 cubic ft. of natural gas per year*)
- Long Island Power Authority - Wind Energy Rebate Program ***

*Indicates the program qualifies under two program-types

**Indicates the program qualifies under both zoned property types

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- Long Island Power Authority - PV Rebate Program***
- Long Island Power Authority - Commercial Energy Efficiency Rebate Program**
- ConEd (Gas) - Commercial and Industrial Energy Efficiency Program **
- ConEd (Electric) - Commercial and Industrial Energy Efficiency Program**
- Central Hudson Gas & Electric (Gas) - Commercial Energy Efficiency Program**
- Central Hudson Gas & Electric (Electric) - Commercial Lighting Rebate Program **
- Solar Thermal Incentive Program**
- PV Incentive Program ***
- On-Site Small Wind Incentive Program ***
- Industrial and Process Efficiency Performance Incentives**
- Existing Facilities Program**
- Energy Smart New Construction Program**
- Anaerobic Digester Gas-to-Electricity Rebate and Performance Incentive***

b. Technology Production:

- NYSERDA - Innovation in Manufacturing Clean Energy Technologies**

9. Consultation Programs

- RG&E (Electric) - Small Business Lighting Retrofit Program *** (*Small described as companies with a peak demand of 100kW or less*)

**Indicates the program qualifies under two program-types*

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- NYSEG (Electric) - Small Business Lighting Retrofit Program *** (*Small described as companies with a peak demand of 100kW or less*)

10. Energy Production for Payment

- Long Island Power Authority - Wind Energy Rebate Program ***
- Long Island Power Authority - PV Rebate Program***
- PV Incentive Program ***
- On-Site Small Wind Incentive Program ***
- Anaerobic Digester Gas-to-Electricity Rebate and Performance Incentive***
- RPS Customer-Sited Tier Regional Program **
- Fuel Cell Rebate and Performance Incentive**

**Indicates the program qualifies under two program-types*

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North Carolina

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Property Tax Abatement for Solar Electric Systems**
- Active Solar Heating and Cooling Systems Exemption**
- Renewable Energy Equipment Manufacturer Tax Credit***
- Renewable Energy Tax Credit (Corporate)**

b. Technology Production:

- Renewable Energy Equipment Manufacturer Tax Credit***

c. Energy Production:

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- TVA Partner Utilities - *energy right* Heat Pump Program
- Tideland EMC - Weatherization Loan Program**
- Local Option - Clean Energy Financing** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the*

*Indicates the program qualifies under two program-types

**Indicates the program qualifies under both zoned property types

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*senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.)*

- Town of Carrboro - Worthwhile Investments Save Energy (WISE) Homes and Buildings Program
- Local Option - Financing Program for Renewable Energy and Energy Efficiency

b. Technology Production:

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- TVA Partner Utilities - energy right Water Heater Program
- TVA - Energy Right Solutions for Business***
- South River EMC - Energy Efficiency Rebate Program**
- South River EMC - Business Energy Efficient Lighting Rebate Program**
- Randolph EMC - Commercial and Industrial Efficient Lighting Rebate Program**
- PSNC Energy (Gas) - Energy-Efficient Appliance Rebate Program
- Progress Energy Carolinas - Commercial and Industrial Energy-Efficiency Program**
- Piedmont Natural Gas - Commercial Equipment Efficiency Program
- Lumbee River EMC - Residential Energy Efficiency Program
- EnergyUnited - Commercial Energy Efficient Lighting Rebate Program**
- Duke Energy (Electric) - Non-Residential Energy Efficiency Rebate Program**

**Indicates the program qualifies under two program-types*

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- PSNC Energy (Gas) - Green Building Rate Discount
- Local Option - Green Building Incentives
- Lincoln County - LEED-Certified Building Incentive Program**
- City of Asheville - Building Permit Fee Waiver
- Catawba County - Green Construction Permitting Incentive Program

b. Technology Production:

4. Consultation Programs

- TVA - Energy Right Solutions for Business***

5. Energy Production for Payment

- TVA - Mid-Sized Renewable Standard Offer Program**
- TVA - Generation Partners Program**
- Progress Energy Carolinas - SunSense Commercial Solar Water Heating Incentive Program**
- Progress Energy Carolinas - SunSense Commercial PV Incentive Program** (*Fully subscribed for 2012, will begin accepting applications for 2013 in December 2012*)
- NC GreenPower Production Incentive** (*Closed to bids currently, check website for information when bidding opens again*)
- Duke Energy - Standard Purchase Offer for RECs**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Property Tax Abatement for Solar Electric Systems**
- Active Solar Heating and Cooling Systems Exemption**
- Renewable Energy Equipment Manufacturer Tax Credit***
- Renewable Energy Tax Credit (Corporate)**

b. Technology Production:

- Renewable Energy Equipment Manufacturer Tax Credit***

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Tideland EMC - Weatherization Loan Program**
- Local Option - Clean Energy Financing** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.*)
- Town of Carrboro - Worthwhile Investments Save Energy (WISE) Homes and Buildings Program

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b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- TVA - Energy Right Solutions for Business***
- South River EMC - Energy Efficiency Rebate Program**
- South River EMC - Business Energy Efficient Lighting Rebate Program**
- Randolph EMC - Commercial and Industrial Efficient Lighting Rebate Program**
- Progress Energy Carolinas - Commercial and Industrial Energy-Efficiency Program**
- EnergyUnited - Commercial Energy Efficient Lighting Rebate Program**
- Duke Energy (Electric) - Non-Residential Energy Efficiency Rebate Program**
- Lincoln County - LEED-Certified Building Incentive Program**

b. Technology Production:

9. Consultation Programs

- TVA - Energy Right Solutions for Business***

10. Energy Production for Payment

- TVA - Mid-Sized Renewable Standard Offer Program**
- TVA - Generation Partners Program**
- Progress Energy Carolinas - SunSense Commercial Solar Water Heating Incentive Program**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- Progress Energy Carolinas - SunSense Commercial PV Incentive Program** (*Fully subscribed for 2012, will begin accepting applications for 2013 in December 2012*)
- NC GreenPower Production Incentive** (*Closed to bids currently, check website for information when bidding opens again*)
- Duke Energy - Standard Purchase Offer for RECs**

North Dakota

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Renewable Energy Property Tax Exemption**
- Large Wind Property Tax Reduction
- Renewable Energy Tax Credit**

b. Technology Production:

- Sales and Use Tax Exemption for Gas Processing Facilities**

c. Energy Production:

- Sales Tax Exemption for Hydrogen Generation Facilities**
- Sales and Use Tax Exemption for Electrical Generating Facilities**

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Otter Tail Power Company - Dollar Smart Financing Program

**Indicates the program qualifies under two program-types*

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- Northern Plains EC - Residential and Commercial Energy Efficiency Loan Program

b. Technology Production:

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Business Energy Efficiency Rebates (Offered by 5 Utilities)**
- Otter Tail Power Company - Energy Efficiency Rebate Program

b. Technology Production:

4. Consultation Programs

5. Energy Production for Payment

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Renewable Energy Property Tax Exemption**
- Renewable Energy Tax Credit**

b. Technology Production:

- Sales and Use Tax Exemption for Gas Processing Facilities**

c. Energy Production:

- Sales Tax Exemption for Hydrogen Generation Facilities**
- Sales and Use Tax Exemption for Electrical Generating Facilities**

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

**Indicates the program qualifies under two program-types*

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a. Technology Upgrade:

- Business Energy Efficiency Rebates (Offered by 5 Utilities)**

b. Technology Production:

9. Consultation Programs

10. Energy Production for Payment

Ohio

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- City of Cincinnati - Property Tax Abatement for Green Buildings
- Air-Quality Improvement Tax Incentives**

b. Technology Production:

c. Energy Production:

- Energy Conversion Facilities Sales Tax Exemption**
- Qualified Energy Property Tax Exemption for Projects over 250 kW (Payment in Lieu)**
- Qualified Energy Property Tax Exemption for Projects 250 kW or Less**

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

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- Energy Loan Fund**
- Local Option - Special Energy Improvement Districts** *(In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.)*
- Hamilton County - Home Improvement Program
- City of Columbus - Green Columbus Fund***

b. Technology Production:

- Advanced Energy Job Stimulus Program**

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Vectren Energy Delivery of Ohio (Gas) - Commercial Energy Efficiency Rebates
- First Energy Ohio - Commercial Efficiency Rebates
- Duke Energy (Electric) - Commercial/Industrial Energy Efficiency Rebate Program**
- Dayton Power and Light - Business and Government Energy Efficiency Rebate Program**
- Columbia Gas of Ohio - Innovative Energy Solutions Program*
- American Municipal Power (Public Electric Utilities) - Commercial Efficiency Smart Program **

**Indicates the program qualifies under two program-types*

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- AEP Ohio - Renewable Energy Technology Program***
- AEP Ohio - Commercial Self Direct Rebate Program **
- AEP Ohio - Commercial New Construction Energy Efficiency Rebate Program**
- AEP Ohio - Commercial Energy Efficiency Rebate Program**
- AEP Ohio - Commercial Custom Project Rebate Program**
- City of Columbus - Green Columbus Fund***

b. Technology Production:

4. Consultation Programs

- Columbia Gas of Ohio - Innovative Energy Solutions Program*

5. Energy Production for Payment

- AEP Ohio - Renewable Energy Technology Program***
- Solar Renewable Energy Credits (SRECs) **
- First Energy Ohio - Renewable Energy Credit Procurements** (*Closed to applications currently, check for website for most recent requests for proposals*)
- AEP Ohio - Renewable Energy Credit (REC) Purchase Program**

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Air-Quality Improvement Tax Incentives**

b. Technology Production:

c. Energy Production:

- Energy Conversion Facilities Sales Tax Exemption**
- Qualified Energy Property Tax Exemption for Projects over 250 kW (Payment in Lieu)**
- Qualified Energy Property Tax Exemption for Projects 250 kW or Less**

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Energy Loan Fund**
- Local Option - Special Energy Improvement Districts** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010*)

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*concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.)*

- City of Columbus - Green Columbus Fund***

b. Technology Production:

- Advanced Energy Job Stimulus Program**

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Duke Energy (Electric) - Commercial/Industrial Energy Efficiency Rebate Program**
- Dayton Power and Light - Business and Government Energy Efficiency Rebate Program**
- American Municipal Power (Public Electric Utilities) - Commercial Efficiency Smart Program **
- AEP Ohio - Renewable Energy Technology Program***
- AEP Ohio - Commercial Self Direct Rebate Program **
- AEP Ohio - Commercial New Construction Energy Efficiency Rebate Program**
- AEP Ohio - Commercial Energy Efficiency Rebate Program**
- AEP Ohio - Commercial Custom Project Rebate Program**
- City of Columbus - Green Columbus Fund***

b. Technology Production:

**Indicates the program qualifies under two program-types*

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9. Consultation Programs

10. Energy Production for Payment

- AEP Ohio - Renewable Energy Technology Program***
- Solar Renewable Energy Credits (SRECs) **
- First Energy Ohio - Renewable Energy Credit Procurements** (*Closed to applications currently, check for website for most recent requests for proposals*)
- AEP Ohio - Renewable Energy Credit (REC) Purchase Program**

Oklahoma

Commercial-Zoned Properties:

1. Tax Incentive Based

a. **Technology Upgrade:**

b. **Technology Production:**

- Tax Credit for Manufacturers of Small Wind Turbines**

c. **Energy Production:**

- Property Tax Exemption for Wind Generators**
- Zero-Emission Facilities Production Tax Credit**

2. Grant, Loan, and Bond Based

a. **Technology Upgrade:**

- Red River Valley REA - Heat Pump Loan Program**
- Oklahoma Municipal Power Authority - WISE Energy Efficiency Loan Program
- OG&E - Geothermal Heat Pump Program**

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- Local Option - County Energy District Authority***(In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.)*

b. Technology Production:

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Oklahoma Municipal Power Authority - Geothermal Heat Pump Rebate Program***(Funds are currently exhausted)*
- Oklahoma Municipal Power Authority - Commercial and Industrial Energy Efficiency Program**
- Oklahoma Electric Cooperative - Energy Efficiency Rebate Program**
- OG&E - Commercial Energy Efficiency Rebate Programs
- CenterPoint Energy (Gas) - Commercial Efficiency Rebates**
- AEP Public Service Company of Oklahoma - Non-Residential Efficiency Rebate Program**

b. Technology Production:

4. Consultation Programs

5. Energy Production for Payment

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

b. Technology Production:

- Tax Credit for Manufacturers of Small Wind Turbines**

c. Energy Production:

- Property Tax Exemption for Wind Generators**
- Zero-Emission Facilities Production Tax Credit**

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Red River Valley REA - Heat Pump Loan Program**
- OG&E - Geothermal Heat Pump Program**
- Local Option - County Energy District Authority***(In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.)*

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b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Oklahoma Municipal Power Authority - Geothermal Heat Pump Rebate Program** (*Funds are currently exhausted*)
- Oklahoma Municipal Power Authority - Commercial and Industrial Energy Efficiency Program**
- Oklahoma Electric Cooperative - Energy Efficiency Rebate Program**
- CenterPoint Energy (Gas) - Commercial Efficiency Rebates**
- AEP Public Service Company of Oklahoma - Non-Residential Efficiency Rebate Program**

b. Technology Production:

9. Consultation Programs

10. Energy Production for Payment

**Indicates the program qualifies under two program-types*

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Oregon

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Renewable Energy Systems Exemption**

b. Technology Production:

- Tax Credit for Renewable Energy Equipment Manufacturers**

c. Energy Production:

- Biomass Producer or Collector Tax Credit**

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- McMinnville Water & Light - Conservation Service Loan Program
- EWEB - Energy Management Services Loan
- Ashland Electric Utility - Commercial Conservation Loan Program

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- Lane Electric Cooperative - Residential and Commercial Weatherization Grant Program
- Small-Scale Energy Loan Program**
- GreenStreet Lending Program**
- Custom Renewable Energy Projects**
- Local Option - Local Improvement Districts** *(In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.)*

b. Technology Production:

- Community Renewable Energy Feasibility Fund Program**

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Springfield Utility Board - Energy Smart Lighting Program***
- Salem Electric - Residential, Commercial, and Industrial Efficiency Rebate Program**
- OTEC - Commercial Lighting Retrofit Rebate Program
- Midstate Electric Cooperative - Commercial and Industrial Energy Efficiency Rebate Program**
- McMinnville Water & Light - Commercial Energy Efficiency Rebate Programs**
- Idaho Power - New Building Efficiency Program**
- Idaho Power - Easy Upgrades for Simple Retrofits Rebate Program**

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- Idaho Power - Commercial Custom Efficiency Program **
- Forest Grove Light & Power - Energy Efficiency Rebate Programs**
- EWEB – Existing Facilities Energy Efficiency Rebate Program**
- EWEB - Solar Electric Program (Rebate)*
- EWEB (Gas & Electric) - New Facilities Energy Efficiency Rebate Program
- EPUD - Commercial and Industrial Energy Efficiency Rebate Program**
- Columbia River PUD - Commercial Energy Efficiency Rebate Programs**
- Central Electric Cooperative - Non-Residential Lighting Rebate**
- Avista Utilities (Gas) - Prescriptive Commercial Incentive Program
- Ashland Electric Utility - Photovoltaic Rebate Program *
- Solar Water Heating Buy-Down Program
- Solar Electric Buy-Down Program ***
- Small Wind Incentive Program*
- Industrial Production Efficiency Program**
- Energy Trust - New Buildings Program
- Commercial Scale Wind Incentive Program**
- Business Energy Efficiency Rebate for Existing Buildings **

b. Technology Production:

4. Consultation Programs

- Springfield Utility Board - Energy Smart Lighting Program***

5. Energy Production for Payment

**Indicates the program qualifies under two program-types*

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- EWEB - Solar Electric Program (Rebate)*
- Ashland Electric Utility - Photovoltaic Rebate Program *
- Solar Electric Buy-Down Program ***
- Small Wind Incentive Program*
- Pilot Solar Volumetric Incentive and Payments Program**
- EWEB - Solar Electric Program (Performance-Based Incentive)**

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Renewable Energy Systems Exemption**

b. Technology Production:

- Tax Credit for Renewable Energy Equipment Manufacturers**

c. Energy Production:

- Biomass Producer or Collector Tax Credit**

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Small-Scale Energy Loan Program**
- GreenStreet Lending Program**
- Custom Renewable Energy Projects**
- Local Option - Local Improvement Districts** *(In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.)*

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b. Technology Production:

- Community Renewable Energy Feasibility Fund Program**

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Springfield Utility Board - Energy Smart Lighting Program***
- Springfield Utility Board - Energy Savings Plan Program*
- Salem Electric - Residential, Commercial, and Industrial Efficiency Rebate Program**
- Midstate Electric Cooperative - Commercial and Industrial Energy Efficiency Rebate Program**
- McMinnville Water & Light - Commercial Energy Efficiency Rebate Programs**
- Idaho Power - New Building Efficiency Program**
- Idaho Power - Easy Upgrades for Simple Retrofits Rebate Program**
- Idaho Power - Commercial Custom Efficiency Program **
- Forest Grove Light & Power - Energy Efficiency Rebate Programs**
- EWEB – Existing Facilities Energy Efficiency Rebate Program**
- EPUD - Commercial and Industrial Energy Efficiency Rebate Program**
- Columbia River PUD - Commercial Energy Efficiency Rebate Programs**
- Central Electric Cooperative - Non-Residential Lighting Rebate**
- Solar Electric Buy-Down Program ***

**Indicates the program qualifies under two program-types*

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- Industrial Production Efficiency Program**
- Commercial Scale Wind Incentive Program**
- Business Energy Efficiency Rebate for Existing Buildings **

b. Technology Production:

9. Consultation Programs

- Springfield Utility Board - Energy Smart Lighting Program***
- Springfield Utility Board - Energy Savings Plan Program*

10. Energy Production for Payment

- Solar Electric Buy-Down Program ***
- Pilot Solar Volumetric Incentive and Payments Program**

**Indicates the program qualifies under two program-types*

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Pennsylvania

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Property Tax Assessment for Commercial Wind Farms**

b. Technology Production:

c. Energy Production:

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Wind and Geothermal Incentives Program ***
- Solar Energy Incentives Program***
- Small Business Pollution Prevention Assistance Account Loan Program**
- Pennsylvania Green Energy Loan Fund**
- High Performance Buildings Incentive Program***
- Alternative and Clean Energy Program***

**Indicates the program qualifies under two program-types*

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- Small Business Advantage Grant Program**
- West Penn Power SEF Commercial Loan Program***
- Sustainable Energy Fund (SEF) Loan Program (PPL Territory)***
- Sustainable Development Fund Financing Program (PECO Territory)***
- Penelec SEF of the Community Foundation for the Alleghenies Loan Program (FirstEnergy Territory)***
- Metropolitan Edison Company SEF Loans (FirstEnergy Territory)***
- Penelec SEF of the Community Foundation for the Alleghenies Grant Program (FirstEnergy Territory)***
- Metropolitan Edison Company SEF Grants (FirstEnergy Territory)***
- DCED - Wind and Geothermal Incentives Program***

b. Technology Production:

- Wind and Geothermal Incentives Program ***
- Solar Energy Incentives Program***
- High Performance Buildings Incentive Program***
- Alternative and Clean Energy Program***
- West Penn Power SEF Commercial Loan Program***
- Sustainable Energy Fund (SEF) Loan Program (PPL Territory)***
- Sustainable Development Fund Financing Program (PECO Territory)***
- Penelec SEF of the Community Foundation for the Alleghenies Loan Program (FirstEnergy Territory)***
- Metropolitan Edison Company SEF Loans (FirstEnergy Territory)***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

- Penelec SEF of the Community Foundation for the Alleghenies Grant Program (FirstEnergy Territory)***
- Metropolitan Edison Company SEF Grants (FirstEnergy Territory)***
- DCED - Wind and Geothermal Incentives Program***

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- PPL Electric Utilities - Custom Energy Efficiency Program**
- PPL Electric Utilities - Commercial and Industrial Energy Efficiency Rebate Program**
- Philadelphia Gas Works - Commercial and Industrial EnergySense Retrofit Program**
- PECO Energy (Gas) – Heating Efficiency Rebate Program**
- PECO Energy (Electric) – Non-Residential Energy Efficiency Rebate Program**
- FirstEnergy (West Penn Power) - Commercial and Industrial Energy Efficiency Rebate Program **
- FirstEnergy (MetEdison, Penelec, Penn Power) - Commercial and Industrial Energy Efficiency Program**
- Duquesne Light Company - Commercial and Industrial Energy Efficiency Program**
- Pennsylvania Sunshine Solar Rebate Program***

**Indicates the program qualifies under two program-types*

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- b. Technology Production:**
- 4. Consultation Programs**
- 5. Energy Production for Payment**
 - Pennsylvania Sunshine Solar Rebate Program***
 - Solar Alternative Energy Credits**

Industrial-Zoned Properties:

- 6. Tax Incentive Based**
 - a. Technology Upgrade:**
 - Property Tax Assessment for Commercial Wind Farms**
 - b. Technology Production:**
 - c. Energy Production:**
- 7. Grant, Loan, and Bond Based**
 - a. Technology Upgrade:**
 - Wind and Geothermal Incentives Program ***
 - Solar Energy Incentives Program***
 - Small Business Pollution Prevention Assistance Account Loan Program**
 - Pennsylvania Green Energy Loan Fund**
 - High Performance Buildings Incentive Program***
 - Alternative and Clean Energy Program***
 - Small Business Advantage Grant Program**
 - West Penn Power SEF Commercial Loan Program***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

- Sustainable Energy Fund (SEF) Loan Program (PPL Territory)***
- Sustainable Development Fund Financing Program (PECO Territory)***
- Penelec SEF of the Community Foundation for the Alleghenies Loan Program (FirstEnergy Territory)***
- Metropolitan Edison Company SEF Loans (FirstEnergy Territory)***
- Penelec SEF of the Community Foundation for the Alleghenies Grant Program (FirstEnergy Territory)***
- Metropolitan Edison Company SEF Grants (FirstEnergy Territory)***
- DCED - Wind and Geothermal Incentives Program***

b. Technology Production:

- Wind and Geothermal Incentives Program ***
- Solar Energy Incentives Program***
- High Performance Buildings Incentive Program***
- Alternative and Clean Energy Program***
- West Penn Power SEF Commercial Loan Program***
- Sustainable Energy Fund (SEF) Loan Program (PPL Territory)***
- Sustainable Development Fund Financing Program (PECO Territory)***
- Penelec SEF of the Community Foundation for the Alleghenies Loan Program (FirstEnergy Territory)***
- Metropolitan Edison Company SEF Loans (FirstEnergy Territory)***
- Penelec SEF of the Community Foundation for the Alleghenies Grant Program (FirstEnergy Territory)***
- Metropolitan Edison Company SEF Grants (FirstEnergy Territory)***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

- DCED - Wind and Geothermal Incentives Program***

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- PPL Electric Utilities - Custom Energy Efficiency Program**
- PPL Electric Utilities - Commercial and Industrial Energy Efficiency Rebate Program**
- Philadelphia Gas Works - Commercial and Industrial EnergySense Retrofit Program**
- PECO Energy (Gas) – Heating Efficiency Rebate Program**
- PECO Energy (Electric) – Non-Residential Energy Efficiency Rebate Program**
- FirstEnergy (West Penn Power) - Commercial and Industrial Energy Efficiency Rebate Program **
- FirstEnergy (MetEdison, Penelec, Penn Power) - Commercial and Industrial Energy Efficiency Program**
- Duquesne Light Company - Commercial and Industrial Energy Efficiency Program**
- Pennsylvania Sunshine Solar Rebate Program***

b. Technology Production:

9. Consultation Programs

10. Energy Production for Payment

- Pennsylvania Sunshine Solar Rebate Program***
- Solar Alternative Energy Credits**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

Rhode Island

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Renewable Energy Products Sales and Use Tax Exemption**
- Local Option - Property Tax Exemption for Renewable Energy Systems**

b. Technology Production:

c. Energy Production:

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Renewable Energy Fund Loan Programs**
- Renewable Energy Fund Grant Programs**

b. Technology Production:

c. Energy Audits:

3. Rebate and Fee Waiver

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

a. Technology Upgrade:

- National Grid (Gas) - Commercial Energy Efficiency Programs **
- National Grid (Electric) – Small Business Energy Efficiency Program** (*Small is defined as have an avg. monthly demand of 200 kW or less*)
- National Grid (Electric) - Large Commercial Energy Efficiency Incentive Programs**

b. Technology Production:**4. Consultation Programs****5. Energy Production for Payment**

- Distributed Generation Standard Contracts** (*Currently closed, next enrollment period should be announced August 2012*)

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Renewable Energy Products Sales and Use Tax Exemption**
- Local Option - Property Tax Exemption for Renewable Energy Systems**

b. Technology Production:

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Renewable Energy Fund Loan Programs**
- Renewable Energy Fund Grant Programs**

b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- National Grid (Gas) - Commercial Energy Efficiency Programs **

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

- National Grid (Electric) – Small Business Energy Efficiency Program** (*Small is defined as have an avg. monthly demand of 200 kW or less*)
- National Grid (Electric) - Large Commercial Energy Efficiency Incentive Programs**

b. Technology Production:

9. Consultation Programs

10. Energy Production for Payment

- Distributed Generation Standard Contracts** (*Currently closed, next enrollment period should be announced August 2012*)

*Indicates the program qualifies under two program-types

**Indicates the program qualifies under both zoned property types

*** Indicates the program qualifies under two program-types & under both zoned property types

South Carolina

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Sales Tax Exemption for Hydrogen Fuel Cells**
- Solar Energy and Small Hydropower Tax Credit (Corporate)**

b. Technology Production:

c. Energy Production:

- Biomass Energy Tax Credit (Corporate)**

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

b. Technology Production:

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

**Indicates the program qualifies under two program-types*

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- York Electric Cooperative - Dual Fuel Heat Pump Rebate Program**
- SCE&G (Electric) - Commercial EnergyWise Program **
- Santee Cooper - Commercial Energy Efficiency Rebate Program
- Santee Cooper - Business Custom Rebates**
- Progress Energy Carolinas - Commercial Energy Efficiency Program**
- Piedmont Natural Gas - Commercial Equipment Efficiency Program
- EnergyUnited - Commercial Energy Efficient Lighting Rebate Program**
- Duke Energy (Electric) - Non-Residential Energy Efficiency Rebate Program**
- City of Charleston - CharlestonWISE Program**

b. Technology Production:

4. Consultation Programs

5. Energy Production for Payment

- Progress Energy Carolinas - SunSense Commercial Solar Water Heating Incentive Program**
- Progress Energy Carolinas - SunSense Commercial PV Incentive Program** (*Closed for 2012 applications, will reopen in December 2012 for 2013 applications*)
- Palmetto Clean Energy (PaCE) Program**
- Duke Energy - Standard Purchase Offer for RECs**
- Biomass Energy Production Incentive**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Sales Tax Exemption for Hydrogen Fuel Cells**
- Solar Energy and Small Hydropower Tax Credit (Corporate)**

b. Technology Production:

c. Energy Production:

- Biomass Energy Tax Credit (Corporate)**

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- York Electric Cooperative - Dual Fuel Heat Pump Rebate Program**
- SCE&G (Electric) - Commercial EnergyWise Program **

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- Santee Cooper - Business Custom Rebates**
- Progress Energy Carolinas - Commercial Energy Efficiency Program**
- EnergyUnited - Commercial Energy Efficient Lighting Rebate Program**
- Duke Energy (Electric) - Non-Residential Energy Efficiency Rebate Program**
- City of Charleston - CharlestonWISE Program**

b. Technology Production:

9. Consultation Programs

10. Energy Production for Payment

- Progress Energy Carolinas - SunSense Commercial Solar Water Heating Incentive Program**
- Progress Energy Carolinas - SunSense Commercial PV Incentive Program** (*Closed for 2012 applications, will reopen in December 2012 for 2013 applications*)
- Palmetto Clean Energy (PaCE) Program**
- Duke Energy - Standard Purchase Offer for RECs**
- Biomass Energy Production Incentive**

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

South Dakota

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Wind and Transmission Construction Tax Refund **
- Renewable Energy System Exemption**

b. Technology Production:

c. Energy Production:

- Large Commercial Wind Exemption and Alternative Taxes

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Southeastern Electric - Electric Equipment Loan Program**
- Otter Tail Power Company - Dollar Smart Financing Program**

b. Technology Production:

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- c. Energy Audits:**
- 3. Rebate and Fee Waiver**
- a. Technology Upgrade:**
- Otter Tail Power Company - Commercial Energy Efficiency Rebate Program**
 - Montana-Dakota Utilities (Gas) - Commercial Natural Gas Efficiency Rebate Program
 - MidAmerican Energy (Gas) - Commercial Energy Advantage Rebate Program
 - MidAmerican Energy (Electric) - Commercial Energy Advantage Rebate Program
 - Black Hills Power - Commercial Energy Efficiency Programs
 - Business Energy Efficiency Rebate (Offered by 11 Utilities)**
- b. Technology Production:**
- 4. Consultation Programs**
- 5. Energy Production for Payment**

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Wind and Transmission Construction Tax Refund **
- Renewable Energy System Exemption**

b. Technology Production:

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Southeastern Electric - Electric Equipment Loan Program**
- Otter Tail Power Company - Dollar Smart Financing Program**

b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Otter Tail Power Company - Commercial Energy Efficiency Rebate Program**

**Indicates the program qualifies under two program-types*

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- Business Energy Efficiency Rebate (Offered by 11 Utilities)**

b. Technology Production:

9. Consultation Programs

10. Energy Production for Payment

Tennessee

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Sales Tax Credit for Clean Energy Technology**
- Wind Energy Systems Exemption**

b. Technology Production:

- Sales and Use Tax Credit for Emerging Clean Energy Industry**
- Green Energy Tax Credit**

c. Energy Production:

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- TVA Partner Utilities - *energy right* Heat Pump Program
- Commercial Energy Efficiency Loan Program**

b. Technology Production:

c. Energy Audits:

**Indicates the program qualifies under two program-types*

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3. Rebate and Fee Waiver

a. Technology Upgrade:

- Upper Cumberland EMC - Energy Efficiency Rebate Programs
- TVA Partner Utilities - *energy right* Water Heater Program
- TVA - Energy Right Solutions for Business***
- Memphis Light, Gas and Water (Electric) - Commercial Efficiency Advice and Incentives Program**

b. Technology Production:

4. Consultation Programs

- TVA - Energy Right Solutions for Business***

5. Energy Production for Payment

- TVA - Mid-Sized Renewable Standard Offer Program**
- TVA - Generation Partners Program**

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Sales Tax Credit for Clean Energy Technology**
- Wind Energy Systems Exemption**

b. Technology Production:

- Sales and Use Tax Credit for Emerging Clean Energy Industry**
- Green Energy Tax Credit**

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Commercial Energy Efficiency Loan Program**

b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- TVA - Energy Right Solutions for Business***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- Memphis Light, Gas and Water (Electric) - Commercial Efficiency Advice and Incentives Program**

b. Technology Production:

9. Consultation Programs

- TVA - Energy Right Solutions for Business***

10. Energy Production for Payment

- TVA - Mid-Sized Renewable Standard Offer Program**
- TVA - Generation Partners Program**

**Indicates the program qualifies under two program-types*

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Texas

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Memorial Day Weekend Sales Tax Holiday for Energy-Efficient Products**
- Renewable Energy Systems Property Tax Exemption**
- Harris County - Green Building Tax Abatement for New Commercial Construction
- City of Houston - Property Tax Abatement for Green Buildings
- City of Friendswood - Commercial Green Building Tax Abatement
- Solar and Wind Energy Device Franchise Tax Deduction **

b. Technology Production:

- Solar and Wind Energy Business Franchise Tax Exemption**

c. Energy Production:

2. Grant, Loan, and Bond Based

**Indicates the program qualifies under two program-types*

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a. Technology Upgrade:

- Guadalupe Valley Electric Cooperative - Conservation Plan 7 Loan Program
- Local Option - Contractual Assessments for Energy Efficient Improvements***(In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.)*
- City of San Antonio and CPS Energy - City Lights Small Business Energy Efficiency Program**
- City of Houston - Energy Efficiency Incentive Program***

b. Technology Production:**c. Energy Audits:****3. Rebate and Fee Waiver****a. Technology Upgrade:**

- Xcel Energy - Commercial and Industrial Standard Offer Program**
- Tri-County Electric Cooperative - Energy Efficient Water Heater Rebate Program
- Texas-New Mexico Power Company - SCORE, CitySmart, and Commercial Solutions Programs **
- Texas Gas Service - Commercial Energy Efficiency Rebate Program
- Sharyland Utilities - Commercial Standard Offer Program **
- Pedernales Electric Cooperative - Commercial Lighting Rebate Program

**Indicates the program qualifies under two program-types*

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- Pedernales Electric Cooperative (Gas & Electric) - HVAC Rebate Program
- New Braunfels Utilities - Energy Efficiency and Water Conservation Rebate Programs
- Guadalupe Valley Electric Cooperative - Renewable Energy Rebates
- Garland Power & Light: Small Commercial Lighting Rebate Program**
- Garland Power & Light: Energy Efficiency Rebate Programs**
- Entergy Texas - SCORE, CitySmart, and Commercial Solutions Programs***
- Entergy Texas - Residential and Small Commercial Standard Offer Program
- El Paso Electric Company - Solar PV Pilot Program***
- El Paso Electric Company - Small Business and Commercial Program**
- Denton Municipal Electric - Standard Offer Rebate Program **
- Denton Municipal Electric - GreenSense Solar Rebate Program
- Denton Municipal Electric - GreenSense Energy Efficiency Rebate Program
- CPS Energy - Solar PV Rebate Program***
- CPS Energy - Solar Hot Water Rebate Program **
- CPS Energy - New Commercial Construction Incentives
- CPS Energy - Commercial Energy Efficiency Rebates
- CoServ Electric Cooperative - Commercial Energy Efficient Lighting Rebate Program**

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- CoServ - Solar Energy Rebate (*Funding for fiscal year 2012 has been exhausted*)
- City of San Marcos - Distributed Generation Rebate Program***
- CenterPoint Energy - Residential and Small Commercial Efficiency Program
- CenterPoint Energy - Commercial and Industrial Energy Efficiency Programs** (*Funds are exhausted for 2012, more funds expected in 2013*)
- Bryan Texas Utilities - Solar PV Rebate Program***
- Bryan Texas Utilities - Solar Hot Water Rebate Program**
- Bryan Texas Utilities - Commercial Lighting Program
- Austin Energy - Solar Water Heating Rebate**
- Austin Energy - Small Business Energy Efficiency Rebate Program**
- Austin Energy - Commercial New Construction Efficiency Rebates
- Austin Energy - Commercial Energy Management Rebate Program
- AEP Texas North Company - SMART Source Solar PV Rebate Program***
- AEP Texas Central Company - SMART Source Solar PV Rebate Program***
- AEP (Central, SWEPCO and North) - Commercial Solutions Program***
- AEP (Central and SWEPCO) - Coolsaver A/C Tune Up

b. Technology Production:

4. Consultation Programs

- Entergy Texas - SCORE, CitySmart, and Commercial Solutions Programs***

**Indicates the program qualifies under two program-types*

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- AEP (Central, SWEPCO and North) - Commercial Solutions Program***
- City of Houston - Energy Efficiency Incentive Program***

5. Energy Production for Payment

- El Paso Electric Company - Solar PV Pilot Program***
- CPS Energy - Solar PV Rebate Program***
- City of San Marcos - Distributed Generation Rebate Program***
- Bryan Texas Utilities - Solar PV Rebate Program***
- AEP Texas North Company - SMART Source Solar PV Rebate Program***
- AEP Texas Central Company - SMART Source Solar PV Rebate Program***
- Austin Energy - Commercial PV Incentive Program

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Memorial Day Weekend Sales Tax Holiday for Energy-Efficient Products**
- Renewable Energy Systems Property Tax Exemption**
- Solar and Wind Energy Device Franchise Tax Deduction **

b. Technology Production:

- Solar and Wind Energy Business Franchise Tax Exemption**

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Local Option - Contractual Assessments for Energy Efficient Improvements** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.*)

*Indicates the program qualifies under two program-types

**Indicates the program qualifies under both zoned property types

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- City of San Antonio and CPS Energy - City Lights Small Business Energy Efficiency Program**
- City of Houston - Energy Efficiency Incentive Program***

b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Xcel Energy - Commercial and Industrial Standard Offer Program**
- Texas-New Mexico Power Company - SCORE, CitySmart, and Commercial Solutions Programs **
- Sharyland Utilities - Commercial Standard Offer Program **
- Garland Power & Light: Small Commercial Lighting Rebate Program**
- Garland Power & Light: Energy Efficiency Rebate Programs**
- Entergy Texas - SCORE, CitySmart, and Commercial Solutions Programs***
- El Paso Electric Company - Solar PV Pilot Program***
- El Paso Electric Company - Small Business and Commercial Program**
- Denton Municipal Electric - Standard Offer Rebate Program **
- CPS Energy - Solar PV Rebate Program***
- CPS Energy - Solar Hot Water Rebate Program **

**Indicates the program qualifies under two program-types*

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- CoServ Electric Cooperative - Commercial Energy Efficient Lighting Rebate Program**
- City of San Marcos - Distributed Generation Rebate Program***
- CenterPoint Energy - Commercial and Industrial Energy Efficiency Programs** (*Funds are exhausted for 2012, more funds expected in 2013*)
- Bryan Texas Utilities - Solar PV Rebate Program***
- Bryan Texas Utilities - Solar Hot Water Rebate Program**
- Austin Energy - Solar Water Heating Rebate**
- Austin Energy - Small Business Energy Efficiency Rebate Program**
- AEP Texas North Company - SMART Source Solar PV Rebate Program***
- AEP Texas Central Company - SMART Source Solar PV Rebate Program***
- AEP (Central, SWEPCO and North) - Commercial Solutions Program***

b. Technology Production:

9. Consultation Programs

- Entergy Texas - SCORE, CitySmart, and Commercial Solutions Programs***
- AEP (Central, SWEPCO and North) - Commercial Solutions Program***
- City of Houston - Energy Efficiency Incentive Program***

10. Energy Production for Payment

- El Paso Electric Company - Solar PV Pilot Program***
- CPS Energy - Solar PV Rebate Program***
- City of San Marcos - Distributed Generation Rebate Program***

**Indicates the program qualifies under two program-types*

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- Bryan Texas Utilities - Solar PV Rebate Program***
- AEP Texas North Company - SMART Source Solar PV Rebate Program***
- AEP Texas Central Company - SMART Source Solar PV Rebate Program***

Utah

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Renewable Energy Sales Tax Exemption**

b. Technology Production:

- Alternative Energy Development Incentive**

c. Energy Production:

- Renewable Energy Systems Tax Credit (Corporate)**

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

b. Technology Production:

c. Energy Audits:

3. Rebate and Fee Waiver

**Indicates the program qualifies under two program-types*

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a. Technology Upgrade:

- Washington City Power - PV Rebate Program***
- Rocky Mountain Power - Self-Direction Credit Program**
- Rocky Mountain Power - FinAnswer Express**
- Rocky Mountain Power - Energy FinAnswer**
- Questar Gas - Commercial Energy Efficiency Rebate Program

b. Technology Production:

4. Consultation Programs

5. Energy Production for Payment

- Washington City Power - PV Rebate Program***

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Renewable Energy Sales Tax Exemption**

b. Technology Production:

- Alternative Energy Development Incentive**

c. Energy Production:

- Renewable Energy Systems Tax Credit (Corporate)**

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Washington City Power - PV Rebate Program***

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

- Rocky Mountain Power - Self-Direction Credit Program**
- Rocky Mountain Power - FinAnswer Express**
- Rocky Mountain Power - Energy FinAnswer**

b. Technology Production:

9. Consultation Programs

10. Energy Production for Payment

- Washington City Power - PV Rebate Program***

Vermont

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Renewable Energy Systems Sales Tax Exemption **
- Uniform Capacity Tax and Exemption for Solar**
- Local Option - Property Tax Exemption**
- Investment Tax Credit**

b. Technology Production:

c. Energy Production:

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Business Energy Conservation Loan Program**

**Indicates the program qualifies under two program-types*

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b. Technology Production:

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Vermont Gas - Commercial Energy Efficiency Program***
- Burlington Electric Department - Commercial Energy Efficiency Rebate Program
- Small-Scale Renewable Energy Incentive Program ***
- Small Commercial Refrigeration Incentive **
- Incentives for Integrated Design and High Efficiency Equipment**
- HVAC Equipment Rebate Program **
- Compressed Air Systems**
- Commercial Lighting and LED Lighting Incentives**

b. Technology Production:

4. Consultation Programs

- Vermont Gas - Commercial Energy Efficiency Program***

5. Energy Production for Payment

- Small-Scale Renewable Energy Incentive Program ***
- Standard Offer for Qualifying SPEED Resources**
- Green Mountain Power - Solar GMP**

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Renewable Energy Systems Sales Tax Exemption **
- Uniform Capacity Tax and Exemption for Solar**
- Local Option - Property Tax Exemption**
- Investment Tax Credit**

b. Technology Production:

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Business Energy Conservation Loan Program**

b. Technology Production:

c. Energy Audits:

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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8. Rebate and Fee Waiver

a. Technology Upgrade:

- Vermont Gas - Commercial Energy Efficiency Program***
- Small-Scale Renewable Energy Incentive Program ***
- Small Commercial Refrigeration Incentive **
- Incentives for Integrated Design and High Efficiency Equipment**
- HVAC Equipment Rebate Program **
- Compressed Air Systems**
- Commercial Lighting and LED Lighting Incentives**

b. Technology Production:

9. Consultation Programs

- Vermont Gas - Commercial Energy Efficiency Program***

10. Energy Production for Payment

- Small-Scale Renewable Energy Incentive Program ***
- Standard Offer for Qualifying SPEED Resources**
- Green Mountain Power - Solar GMP**

**Indicates the program qualifies under two program-types*

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Virginia

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Local Option - Property Tax Exemption for Solar**
- Local Option - Property Tax Assessment for Energy Efficient Buildings**

b. Technology Production:

- Green Jobs Tax Credit**

c. Energy Production:

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- TVA Partner Utilities - *energy right* Heat Pump Program

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

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- Local Option - Clean Energy Financing** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.*)

b. Technology Production:

- Clean Energy Manufacturing Incentive Grant Program**

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- TVA Partner Utilities - *energy right* Water Heater Program
- TVA - Energy Right Solutions for Business***
- Dominion Virginia Power - Commercial Energy Efficiency Programs** (*Currently full*)
- Columbia Gas of Virginia - Business Efficiency Rebate Program
- City of Danville Utilities - Business Energy Efficiency Rebates**

b. Technology Production:

4. Consultation Programs

- TVA - Energy Right Solutions for Business***

5. Energy Production for Payment

- TVA - Mid-Sized Renewable Standard Offer Program**
- TVA - Generation Partners Program**

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Local Option - Property Tax Exemption for Solar**
- Local Option - Property Tax Assessment for Energy Efficient Buildings**

b. Technology Production:

- Green Jobs Tax Credit**

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

b. Technology Production:

- Clean Energy Manufacturing Incentive Grant Program**

c. Energy Audits:

8. Rebate and Fee Waiver

**Indicates the program qualifies under two program-types*

***Indicates the program qualifies under both zoned property types*

**** Indicates the program qualifies under two program-types & under both zoned property types*

a. Technology Upgrade:

- TVA - Energy Right Solutions for Business***
- Dominion Virginia Power - Commercial Energy Efficiency Programs** (*Currently full*)
- City of Danville Utilities - Business Energy Efficiency Rebates**

b. Technology Production:

9. Consultation Programs

- TVA - Energy Right Solutions for Business***

10. Energy Production for Payment

- TVA - Mid-Sized Renewable Standard Offer Program**
- TVA - Generation Partners Program**

**Indicates the program qualifies under two program-types*

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Washington

Commercial-Zoned Properties:

1. Tax Incentive Based

- **Technology Upgrade:**
 - Renewable Energy Sales and Use Tax Exemption**
- **Technology Production:**
 - Tax Abatement for Solar Manufacturers **
- **Energy Production:**
 - Renewable Energy Cost Recovery Incentive Payment Program**

2. Grant, Loan, and Bond Based

- **Technology Upgrade:**
 - Snohomish County PUD No 1 - Solar Express Loan Program

**Indicates the program qualifies under two program-types*

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- Okanogan PUD - Conservation Loan Program**
- Clark Public Utilities - Solar Energy Equipment Loan
- Clallam County PUD - Residential and Small Business Solar Loan Program
- Puget Sound Energy - Commercial Retrofit Energy Efficiency Grant Program**
- Puget Sound Energy - Commercial New Construction Energy Efficiency Grant Program **
- City of Seattle - Community Power Works Loan Program**

- **Technology Production:**

- **Energy Audits:**

- Puget Sound Energy - Resource Conservation Manager Program**

3. Rebate and Fee Waiver

- **Technology Upgrade:**

- Tacoma Power - Commercial and Industrial Energy Efficiency Rebate Programs**
 - Snohomish County PUD No 1 - Solar Express Rebate Program**
 - Snohomish County PUD No 1 - Commercial and Industrial Energy Efficiency Program **
 - Seattle City Light - Vending Machine Rebate Program**
 - Seattle City Light - New Construction Incentive Program***
 - Seattle City Light - Commercial Energy Efficiency Rebate Programs **

**Indicates the program qualifies under two program-types*

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- Richland Energy Services - Energy Efficient Commercial Lighting Program**
- Puget Sound Energy - Commercial Energy Efficient Equipment Rebate Programs**
- Port Angeles Public Works & Utilities - Commercial and Industrial Energy Efficiency Rebate Program **
- Peninsula Light Company - Commercial Efficient Lighting Rebate Program
- Pacific Power - FinAnswer Express**
- Pacific Power - Energy FinAnswer**
- Pacific County PUD - Solar Water Heater Rebate
- NW Natural (Gas) - Business Energy Efficiency Rebate Program
- Mason County PUD 3 - Commercial Conservation Rebate Program**
- Lewis County PUD - Commercial and Industrial Energy Efficiency Rebate Program**
- Lakeview Light and Power - Commercial Lighting Rebate Program
- Grays Harbor PUD - Solar Water Heater Rebate**
- Grays Harbor PUD - Non-Residential Energy Efficiency Rebate Program**
- Cowlitz County PUD - Commercial Energy Efficiency Rebate Programs**
- Clark Public Utilities - Solar Water Heater Rebate**
- Clark Public Utilities - Commercial Energy Efficiency Rebate Programs**
- Cascade Natural Gas - Commercial Efficiency Rebate Program**

**Indicates the program qualifies under two program-types*

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- Benton PUD - Commercial and Agricultural Energy Efficiency Rebate Programs**
- Avista Utilities (Gas) - Commercial Energy Efficiency Incentives Program**
- Avista Utilities (Gas and Electric) - Commercial Food Equipment Rebates
- Avista Utilities (Electric) - Commercial Lighting Energy Efficiency Program
- Avista Utilities (Electric) - Commercial Energy Efficiency Incentives Program**

- **Technology Production:**

4. Consultation Programs

- Seattle City Light - New Construction Incentive Program***

5. Energy Production for Payment

- Orcas Power & Light - MORE Green Power Program
- Okanogan County PUD - Sustainable Natural Alternative Power Program**
- Chelan County PUD - Sustainable Natural Alternative Power Producers Program**

**Indicates the program qualifies under two program-types*

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Industrial-Zoned Properties:

6. Tax Incentive Based

- **Technology Upgrade:**
 - Renewable Energy Sales and Use Tax Exemption**
- **Technology Production:**
 - Tax Abatement for Solar Manufacturers **
- **Energy Production:**
 - Renewable Energy Cost Recovery Incentive Payment Program**

7. Grant, Loan, and Bond Based

- **Technology Upgrade:**
 - Okanogan PUD - Conservation Loan Program**
 - Puget Sound Energy - Commercial Retrofit Energy Efficiency Grant Program**

**Indicates the program qualifies under two program-types*

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- Puget Sound Energy - Commercial New Construction Energy Efficiency Grant Program **
- City of Seattle - Community Power Works Loan Program**
- **Technology Production:**
- **Energy Audits:**
 - Puget Sound Energy - Resource Conservation Manager Program**

8. Rebate and Fee Waiver

- **Technology Upgrade:**
 - Tacoma Power - Commercial and Industrial Energy Efficiency Rebate Programs**
 - Snohomish County PUD No 1 - Solar Express Rebate Program**
 - Snohomish County PUD No 1 - Commercial and Industrial Energy Efficiency Program **
 - Seattle City Light - Vending Machine Rebate Program**
 - Seattle City Light - New Construction Incentive Program***
 - Seattle City Light - Commercial Energy Efficiency Rebate Programs **
 - Richland Energy Services - Energy Efficient Commercial Lighting Program**
 - Puget Sound Energy - Commercial Energy Efficient Equipment Rebate Programs**
 - Port Angeles Public Works & Utilities - Commercial and Industrial Energy Efficiency Rebate Program **
 - Pacific Power - FinAnswer Express**

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- Pacific Power - Energy FinAnswer**
- Mason County PUD 3 - Commercial Conservation Rebate Program**
- Lewis County PUD - Commercial and Industrial Energy Efficiency Rebate Program**
- Grays Harbor PUD - Solar Water Heater Rebate**
- Grays Harbor PUD - Non-Residential Energy Efficiency Rebate Program**
- Cowlitz County PUD - Commercial Energy Efficiency Rebate Programs**
- Clark Public Utilities - Solar Water Heater Rebate**
- Clark Public Utilities - Commercial Energy Efficiency Rebate Programs**
- Cascade Natural Gas - Commercial Efficiency Rebate Program**
- Benton PUD - Commercial and Agricultural Energy Efficiency Rebate Programs**
- Avista Utilities (Gas) - Commercial Energy Efficiency Incentives Program**
- Avista Utilities (Electric) - Commercial Energy Efficiency Incentives Program**

- **Technology Production:**

9. Consultation Programs

- Seattle City Light - New Construction Incentive Program***

10. Energy Production for Payment

- Okanogan County PUD - Sustainable Natural Alternative Power Program**

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- Chelan County PUD - Sustainable Natural Alternative Power Producers Program**

West Virginia

Commercial-Zoned Properties:

1. Tax Incentive Based

- a. Technology Upgrade:
- b. Technology Production:
- c. Energy Production:

2. Grant, Loan, and Bond Based

- a. Technology Upgrade:
- b. Technology Production:
- c. Energy Audits:

3. Rebate and Fee Waiver

**Indicates the program qualifies under two program-types*

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- a. **Technology Upgrade:**
 - FirstEnergy (Mon Power & Potomac Edison) - Business Lighting Incentive Program**
 - AEP Appalachian Power - Commercial and Industrial Rebate Programs**
 - b. **Technology Production:**
4. **Consultation Programs**
 5. **Energy Production for Payment**

Industrial-Zoned Properties:

6. **Tax Incentive Based**
 - a. **Technology Upgrade:**
 - b. **Technology Production:**
 - c. **Energy Production:**
7. **Grant, Loan, and Bond Based**
 - a. **Technology Upgrade:**
 - b. **Technology Production:**
 - c. **Energy Audits:**
8. **Rebate and Fee Waiver**
 - a. **Technology Upgrade:**

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- FirstEnergy (Mon Power & Potomac Edison) - Business Lighting Incentive Program**
- AEP Appalachian Power - Commercial and Industrial Rebate Programs**

b. Technology Production:

9. Consultation Programs

10. Energy Production for Payment

Wisconsin

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Renewable Energy Sales Tax Exemptions**
- Solar and Wind Energy Equipment Exemption **

b. Technology Production:

c. Energy Production:

- Woody Biomass Harvesting and Processing Tax Credit (Corporate)

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2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Madison Gas & Electric - Commercial Energy Efficiency Loan Program**
- Cedarburg Light & Water Utility - Commercial Shared Savings Loan Program**
- Alliant Energy (Wisconsin Power and Light) - Shared Savings Program**
- Local Option - Energy-Efficiency Improvement Loans** *(In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.)*
- City of Milwaukee - Energy Efficiency (Me2) Business Financing **

b. Technology Production:

- Renewable Energy Grant Programs**

c. Energy Audits:

3. Rebate and Fee Waiver

a. Technology Upgrade:

- We Energies (Gas) - Multifamily, Small Business and Nonprofit Efficiency Rebate Program**
- Riverland Energy Cooperative - Commercial and Industrial Energy Efficiency Rebate Program **
- River Falls Municipal Utilities - Business Energy Efficiency Rebate Program **

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- Eau Claire Energy Cooperative - Non-Residential Energy Efficiency Rebate Programs**
- Cedarburg Light & Water Utility - Commercial Energy Efficiency Rebate Program**
- Barron Electric Cooperative - Energy Star Appliance & Energy Efficient Lighting Rebate Program**
- Barron Electric Cooperative - Commercial, Industrial, and Agricultural Energy Efficiency Rebate Program**
- Small Business Program***
- Retro-Commissioning Program** (*Not available until Sept. 1, 2012*)
- Large Energy Users Program**
- Energy Bundle Bonus (WPS Customers Only)**
- Chain Stores and Franchises Program**
- Business Incentive Program**

b. Technology Production:

4. Consultation Programs

- Small Business Program***

5. Energy Production for Payment

- River Falls Municipal Utilities - Distributed Solar Tariff**
- Madison Gas & Electric - Clean Power Partner Solar Buyback Program**

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Renewable Energy Sales Tax Exemptions**
- Solar and Wind Energy Equipment Exemption **

b. Technology Production:

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Madison Gas & Electric - Commercial Energy Efficiency Loan Program**

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- Cedarburg Light & Water Utility - Commercial Shared Savings Loan Program**
- Alliant Energy (Wisconsin Power and Light) - Shared Savings Program**
- Local Option - Energy-Efficiency Improvement Loans** *(In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.)*
- City of Milwaukee - Energy Efficiency (Me2) Business Financing **

b. Technology Production:

- Renewable Energy Grant Programs**

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

- We Energies (Gas) - Multifamily, Small Business and Nonprofit Efficiency Rebate Program**
- Riverland Energy Cooperative - Commercial and Industrial Energy Efficiency Rebate Program **
- River Falls Municipal Utilities - Business Energy Efficiency Rebate Program **
- Eau Claire Energy Cooperative - Non-Residential Energy Efficiency Rebate Programs**
- Cedarburg Light & Water Utility - Commercial Energy Efficiency Rebate Program**

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- Barron Electric Cooperative - Energy Star Appliance & Energy Efficient Lighting Rebate Program**
- Barron Electric Cooperative - Commercial, Industrial, and Agricultural Energy Efficiency Rebate Program**
- Small Business Program***
- Retro-Commissioning Program** (*Not available until Sept. 1, 2012*)
- Large Energy Users Program**
- Energy Bundle Bonus (WPS Customers Only)**
- Chain Stores and Franchises Program**
- Business Incentive Program**

b. Technology Production:

9. Consultation Programs

- Small Business Program***

10. Energy Production for Payment

- River Falls Municipal Utilities - Distributed Solar Tariff**
- Madison Gas & Electric - Clean Power Partner Solar Buyback Program**

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Wyoming

Commercial-Zoned Properties:

1. Tax Incentive Based

- a. Technology Upgrade:
- b. Technology Production:
- c. Energy Production:

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

- Local Option - Energy Improvement Loan Program** (*In response to the Federal Housing Financing Agency(FHFA)statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most*

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local PACE programs have been suspended until further clarification is provided.)

b. Technology Production:

c. Energy Audits:

- Small Business Non-Profit Energy Audit Program**

3. Rebate and Fee Waiver

a. Technology Upgrade:

- Rocky Mountain Power - Self-Direction Credit Program**
- Rocky Mountain Power - FinAnswer Express**
- Rocky Mountain Power - Energy FinAnswer **
- Questar Gas - Commercial Energy Efficiency Rebate Program**
- Cheyenne Light, Fuel and Power (Gas) - Commercial and Industrial Efficiency Rebate Program**
- Cheyenne Light, Fuel and Power (Electric) - Commercial and Industrial Efficiency Rebate Program**
- Carbon Power & Light - Residential and Commercial Energy Efficiency Rebate Program
- Black Hills Power - Commercial Energy Efficiency Programs

b. Technology Production:

4. Consultation Programs

5. Energy Production for Payment

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Local Option - Energy Improvement Loan Program** (*In response to the Federal Housing Financing Agency (FHFA) statement issued July 2010 concerning the senior lien status associated with **most** PACE programs, most local PACE programs have been suspended until further clarification is provided.*)

b. Technology Production:

c. Energy Production:

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

b. Technology Production:

c. Energy Audits:

**Indicates the program qualifies under two program-types*

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- Small Business Non-Profit Energy Audit Program**

8. Rebate and Fee Waiver

a. Technology Upgrade:

- Rocky Mountain Power - Self-Direction Credit Program**
- Rocky Mountain Power - FinAnswer Express**
- Rocky Mountain Power - Energy FinAnswer **
- Questar Gas - Commercial Energy Efficiency Rebate Program**
- Cheyenne Light, Fuel and Power (Gas) - Commercial and Industrial Efficiency Rebate Program**
- Cheyenne Light, Fuel and Power (Electric) - Commercial and Industrial Efficiency Rebate Program**

b. Technology Production:

9. Consultation Programs

10. Energy Production for Payment

**Indicates the program qualifies under two program-types*

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Federal Programs

Commercial-Zoned Properties:

1. Tax Incentive Based

a. Technology Upgrade:

- Business Energy Investment Tax Credit (ITC) *
- Modified Accelerated Cost-Recovery System (MACRS) + Bonus Depreciation (2008-2012) **
- Energy-Efficient Commercial Buildings Tax Deduction

b. Technology Production:

c. Energy Production:

- Renewable Electricity Production Tax Credit (PTC)**

2. Grant, Loan, and Bond Based

a. Technology Upgrade:

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- USDA - Rural Energy for America Program (REAP) Loan Guarantees**(Not currently accepting applications)*
- USDA - Rural Energy for America Program (REAP) Grants**(Not currently accepting applications)*
- U.S. Department of Treasury - Renewable Energy Grants *

b. Technology Production:

- USDA - Rural Energy for America Program (REAP) Loan Guarantees**(Not currently accepting applications)*
- USDA - Rural Energy for America Program (REAP) Grants**(Not currently accepting applications)*
- U.S. Department of Treasury - Renewable Energy Grants *

c. Energy Audits:

- USDA - Rural Energy for America Program (REAP) Loan Guarantees**(Not currently accepting applications)*
- USDA - Rural Energy for America Program (REAP) Grants**(Not currently accepting applications)*

3. Rebate and Fee Waiver

a. Technology Upgrade:

b. Technology Production:

4. Consultation Programs

5. Energy Production for Payment

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Industrial-Zoned Properties:

6. Tax Incentive Based

a. Technology Upgrade:

- Business Energy Investment Tax Credit (ITC) **
- Modified Accelerated Cost-Recovery System (MACRS) + Bonus Depreciation (2008-2012) **

b. Technology Production:

c. Energy Production:

- Renewable Electricity Production Tax Credit (PTC)**

7. Grant, Loan, and Bond Based

a. Technology Upgrade:

b. Technology Production:

c. Energy Audits:

8. Rebate and Fee Waiver

a. Technology Upgrade:

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b. Technology Production:**9. Consultation Programs****10. Energy Production for Payment**

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